COMPOSITE & FLEXISEAL® PRODUCT RANGE

ISSUE 3

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

Table of Contents

Section	Pages
Fluid Compatibility Tables	iv
Material Information	vii
Seal Index	ix
PC-200	1
PC-200-SQ	14
PC-200K	20
PC-210	28
PC-210-P	34
PC-210-SQ-P	39
PC-250	45
PC-260	51
PC-840	57
PC-1810	69
RC-100	73
RC-110	82
RC-160	89
RC-170	96
RC-740	103
RC-1710	113
WC-580	117
WC-590	123
Flexiseals®	130
Bearing Tape	139

Fluid Compatibility Tables

These are general guidelines only and users must conduct their own functional tests to determine the suitability of any compound for their particular application.

R = Recommended
M = Marginal
U = Unsatisfactory
X = Insufficient Data

Fluid	Nitrile	SBR	EPDM	Neoprene	Polyacrylate	Polyurethane	Silicone	Flurocarbon
Acetaldehyde	U	U	R	U	U	U	R	U
Acetamide	R	U	R	R	U	U	M	U
Acetic Acid	M	M	R	R	U	U	R	U
Acetone	U	M	R	M	U	U	M	U
Acetophenone	U	U	R	U	U	U	U	U
Acetylene	R	R	R	R	X	X	R	R
Ammonia	R	R	R	R	U	X	R	U
Ammonium Hydroxide	R	R	R	R	U	U	R	R
Amyl Acetate	U	U	M	U	U	U	U	U
Anderol L-774	M	U	U	U	R	U	U	R
Antifreeze	R	R	R	R	U	U	R	R
Aniline	U	U	R	U	U	U	U	M
Ansul Ether	M	U	M	U	U	R	U	U
Aroclors	M	U	R	U	U	X	M	R
Askarel	R	U	U	U	U	U	U	R
ASTM #1	R	U	U	R	R	R	R	R
ASTM #3	R	U	U	U	R	R	U	R
ASTM Fuel A	R	U	U	R	R	R	U	R
ASTM Fuel B	R	U	U	U	U	R	U	R
ASTM Fuel C	R	U	U	U	U	R	U	R
ASTM Fuel D	M	U	U	U	U	R	U	R
Auto. Trans. Fluid	R	U	U	M	R	R	M	R
Beer	R	R	R	R	U	U	R	R
Benzaldehyde	U	U	R	U	U	U	U	U
Benzene	U	U	U	U	U	U	U	R
Benzine	R	U	U	R	R	R	U	R
Benzoic Acid	U	U	U	U	U	U	U	R
Benzophenone	U	U	R	X	U	U	U	R
Benzl Alcohol	U	U	U	R	U	U	X	R
Bleach	R	R	R	R	U	U	U	R
Borax	R	R	R	U	R	R	R	R
Boric Acid	R	R	R	R	U	R	R	R
Brake Fluid (Non Petroleum)	U	R	R	M	U	U	M	U
Bromine	U	U	U	U	U	U	U	R
Bromobenzene	U	U	U	U	U	U	U	R
Bunker Oil	R	U	U	U	R	R	U	R
Butane	R	M	U	R	R	U	U	R
Butter	R	U	M	R	R	R	R	R
Butyl Acetate	U	U	U	U	U	U	U	U
Butyl Alcohol	R	R	R	R	U	U	R	R

Fluid	Nitrile	SBR	EPDM	Neoprene	Polyacrylate	Polyurethane	Silicone	Flurocarbon
Butyl Amine	M	U	U	U	U	U	R	U
Butyl Carbitol	U	U	R	M	U	X	U	M
Butyl Cellosolve	M	U	R	M	U	U	R	U
Butyraldehyde	U	U	R	U	U	U	U	U
Carbitol	R	R	R	R	U	U	R	R
Carbitol Acetate	U	U	U	U	U	U	U	R
Carbon Disulfide	U	U	U	U	U	X	U	R
Carbon Tetrachloride	R	U	U	U	U	U	U	R
Carbonic Acid	R	R	R	R	R	R	R	R
Castor Oil	R	R	R	R	R	R	R	R
Cellosolve	U	R	U	U	U	U	U	U
Chassis Grease	R	U	U	M	R	X	U	R
Chloracetic Acid	U	U	R	U	U	U	X	U
Chloracetone	U	U	R	M	X	X	U	R
Chlordane	R	U	U	M	X	X	U	R
Chlorine	U	U	R	U	U	U	X	R
Chlorobenzol	U	U	U	U	U	U	U	R
Chloroform	U	U	U	U	U	U	U	R
Chlorsulfonic Acid	U	U	U	U	U	U	U	U
Chrome Plating Solu.	U	U	R	U	U	U	R	R
Chromic Acid	U	U	X	U	X	X	M	R
Citric Acid	R	R	R	R	X	X	R	R
Cod Liver Oil	R	U	U	R	R	U	R	R
Coffee	R	R	R	R	U	U	R	R
Corn Oil	R	U	U	U	R	U	R	R
Creosote	R	U	U	R	R	M	U	R
Creoste Oil	R	U	U	M	X	X	M	R
Creosylic Acid	U	U	U	U	U	U	U	R
Crude Oil	R	U	U	U	R	X	U	R
Cyclohexane	R	U	U	M	R	R	U	R
Cyclohexanol	R	U	U	R	X	X	U	R
Decalin	U	U	U	U	U	U	U	R
Denatured Alcohol	R	R	R	R	U	U	R	R
Diacetone	U	U	R	U	U	U	U	U
Dibutyl Amine	U	U	U	M	U	U	U	U
Dibutyl Phthalate	U	U	R	U	U	X	X	M
Dichlorp Aniline	U	U	U	U	U	U	U	M
Dichloro Butane	R	U	U	U	U	U	U	R
Diesel Oil	R	U	U	M	U	U	U	R
Diethylamine	R	R	R	R	U	M	R	U

Fluid Compatibility Tables

These are general guidelines only and users must conduct their own functional tests to determine the suitability of any compound for their particular application.

R = Recommended
M = Marginal
U = Unsatisfactory
X = Insufficient Data

Fluid	Nitrile	SBR	EPDM	Neoprene	Polyacrylate	Polyurethane	Silicone	Flurocarbon
Diethyl Benzene	M	U	U	U	X	X	X	R
Diethylene Glycol	R	R	R	R	U	U	R	R
Dimethyl Ether	U	U	U	M	M	R	U	U
Dimethyl Formamide	U	X	R	X	X	X	R	U
Dimethyl Phthalate	U	U	R	U	U	X	X	R
Dimethyl Terephthalate	U	U	U	U	U	U	U	R
Dioctyl Phthalate	U	U	R	U	U	U	M	R
Dioxane	U	U	R	U	U	U	U	U
Diphenyl	U	U	U	U	U	U	U	R
Dow Corning 550	R	R	R	R	R	R	R	R
Dow Gard	R	R	R	R	M	M	R	R
Dowtherm A & E	U	U	U	U	U	U	U	R
Elco 28	R	U	U	M	R	R	R	R
Epoxy Resins	X	X	R	R	X	X	X	U
Ethane	R	U	U	R	R	M	U	R
Ethanol	R	R	R	R	U	R	R	R
Ethanolamine	R	R	R	R	U	R	R	R
Ethyl Acetate	U	U	R	U	U	U	R	U
Ethyl Benzene	U	U	U	U	U	U	U	R
Ethyl Cellulose	R	R	R	R	U	R	R	U
Ethyl Chloride	R	R	R	R	M	R	U	R
Ethyl Ether	M	U	M	U	U	R	U	U
Ethyl Formate	U	U	R	R	X	X	X	R
Ethyl Hexanol	M	R	R	R	X	X	X	R
Ethyl Merlaptan	U	U	X	M	X	X	M	R
Ethylene Chloride	U	U	U	U	U	U	U	R
Ethylene Oxide	U	U	R	U	U	U	U	U
Formaldehyde	M	M	R	M	U	U	R	U
Formic Acid	M	R	R	R	X	X	M	U
Freon 12	R	R	R	R	X	R	U	R
Fuel Oil	R	U	U	R	R	U	U	R
Furan	U	U	X	U	U	X	X	X
Furfural	U	U	R	U	U	X	U	U
Furfuryl Alcohol	U	U	R	U	U	U	U	X
Fyrquel	U	U	R	U	U	U	R	R
Gallic Acid	R	R	R	R	U	U	X	R
Gasoline	R	U	U	R	R	R	U	R
Gelatin	R	R	R	R	U	U	R	R
Glucose	R	R	R	R	X	U	R	R
Glycerine	R	R	R	R	U	U	R	R

Fluid	Nitrile	SBR	EPDM	Neoprene	Polyacrylate	Polyurethane	Silicone	Flurocarbon
Heptane	R	U	U	R	R	R	U	R
Hexaldehyde	U	U	R	R	X	X	R	U
Hexane	R	U	U	R	R	R	U	R
Hexanol	R	R	M	R	U	U	R	R
Home Heating Oil	R	U	U	M	R	R	R	R
Hydrazine	R	R	R	R	X	X	R	X
Hydrochoride Acid	R	M	R	R	M	U	U	R
Hydrocyanic Acid	R	R	R	R	U	X	M	R
Hydrogen Peroxide	R	R	R	R	U	X	R	R
Hydrogen Sulfide	U	U	R	R	U	X	M	U
Hydroquinone	M	U	U	U	U	X	X	R
Hypoid Gear Lube	R	U	U	M	R	R	M	R
Iodine	R	R	R	U	X	X	X	R
Isocyanate	X	X	X	X	X	X	X	R
Iso Octane	R	U	U	R	R	R	U	R
Iso Phorone	U	U	R	U	U	U	U	U
Isocyanate	X	X	X	X	X	X	X	R
Isopar	R	X	U	R	R	R	U	R
Isopropanol	R	R	R	R	U	U	R	R
Isopropyl Acetate	U	U	R	U	U	U	U	U
JP-4(MIL-J-5624)	R	U	U	U	R	R	U	R
JP-4(MIL-J-5624)	R	U	U	U	R	R	U	R
Kerosene	R	U	U	R	R	R	U	R
Lacquers	U	U	U	U	U	U	U	U
Lactic Acid	R	R	R	R	U	X	X	R
Lard	R	U	R	R	R	R	R	R
Linoleic Acid	R	U	U	R	X	X	R	R
Linseed Oil	R	U	M	M	R	X	R	R
Lye Solutions	R	R	R	R	U	U	R	R
Malathion	R	U	U	X	X	X	U	R
Maleic Acid	U	U	U	U	U	X	X	R
Mercury	R	R	R	R	X	X	X	R
Meter-Cresol	U	U	U	R	U	U	U	R
Methacrylic Acid	U	U	R	R	U	U	U	M
Methane	R	U	U	R	R	M	U	R
Methanol	R	R	R	R	U	U	U	U
Methyl Acetate	U	U	R	R	U	U	U	U
Methyl Cellosolve	M	U	R	R	U	U	U	M
Methyl Ether Ketone	U	U	R	U	U	U	U	U
Methyl Mercaptan	X	X	R	X	X	X	X	X

Fluid Compatibility Tables

These are general guidelines only and users must conduct their own functional tests to determine the suitability of any compound for their particular application.

R = Recommended
M = Marginal
U = Unsatisfactory
X = Insufficient Data

Fluid	Nitrile	SBR	EPDM	Neoprene	Polyacrylate	Polyurethane	Silicone	Flurocarbon
Methylene Chloride	U	U	U	U	U	U	U	R
Milk	R	R	R	R	U	U	R	R
Mineral Oil	R	U	M	R	R	R	R	R
Mineral Spirits	R	U	U	U	R	R	U	R
Monovinyl Acetylene	R	R	R	R	X	X	R	R
Mustard	X	R	R	X	X	X	R	R
Naphtha	R	U	U	U	R	R	U	R
Naphthalene	U	U	U	U	X	X	U	R
Naphthenic Acid	R	U	U	U	X	X	U	R
Natural Gas	R	R	U	R	R	R	R	R
Neatsfoot Oil	R	U	R	U	R	R	R	R
Nitric Acid	U	M	R	U	U	U	U	M
Nitrobenzene	U	U	U	U	U	U	U	R
Nitropropane	U	U	R	U	U	U	U	U
Octane	R	U	U	U	U	U	U	R
Octanol	R	R	R	R	U	U	R	R
Oleic Acid	M	U	U	M	X	X	U	R
Oleum	R	U	U	M	X	X	U	R
Oronite 8200	R	U	U	R	X	R	U	R
Oxalic Acid	R	R	R	R	R	X	X	R
Pentane	R	M	U	R	R	U	U	R
Perchlorethylene	R	U	U	U	U	U	U	R
Petroleum Ether	U	U	U	U	U	U	U	R
Phenol	U	U	U	U	U	U	U	R
Phenylhydrazine	U	M	U	U	U	X	X	R
Phosphoric Acid	R	R	R	R	M	U	R	R
Pine Oil	R	U	U	U	U	X	X	R
Potassium Hydroxide	R	R	R	R	U	U	M	U
Propane	R	U	U	R	R	M	U	R
Propanol	R	R	R	R	U	U	R	R
Propyl Acetate	U	U	R	U	U	U	U	U
Pydraul	U	U	R	U	U	U	U	R
Pyranol	R	U	U	R	R	R	U	R
Pyridine	U	R	U	U	U	X	U	U
Rapeseed Oil	R	U	R	R	R	R	U	R
Resurcinol	X	R	R	X	X	X	X	X
SAE 10W30	R	U	U	M	R	R	R	R
Seawater	R	R	R	R	U	U	R	X
Silicone Grease	R	R	R	R	R	R	R	R
Silver Nitrate	R	R	R	R	R	R	R	R
Skelly Solvent	R	U	U	U	X	X	X	R

Fluid	Nitrile	SBR	EPDM	Neoprene	Polyacrylate	Polyurethane	Silicone	Flurocarbon
Skydrol	U	U	R	U	U	U	U	U
Skydrol 500	U	U	R	U	U	U	U	U
Sodium Hydroxide	R	R	R	R	U	R	R	R
Sovasol	R	U	U	R	R	R	U	R
Soy Bean Oil	R	U	M	M	R	X	R	R
Stearic Acid	R	R	R	R	R	U	U	R
Stoddard Solvent	R	U	U	R	R	R	U	R
Sucrose	R	R	R	R	U	U	R	R
Sulphuric Acid	R	R	R	R	R	U	U	R
Tall Oil	R	U	U	M	R	U	X	R
Tannic Acid	R	R	R	R	U	X	R	R
Tar	R	U	U	M	U	X	R	R
Tartaric Acid	R	R	R	R	X	X	R	R
Tetrachloro Ethane	U	U	U	U	U	U	U	R
Tetralin	U	U	U	U	U	U	U	R
Tidewater	R	U	U	R	R	R	R	R
Toluene	U	U	U	U	U	U	U	R
Trichloro Ethylene	M	U	U	U	U	U	U	R
Triethanol Amine	M	R	R	R	U	U	X	U
Turbine Oil	R	U	U	U	R	R	U	R
Turpentine	R	U	U	U	R	U	U	R
UCDN 50HB280X	R	R	R	R	X	X	R	R
Univis J-43	R	U	U	R	R	R	U	R
Varnish	R	U	U	U	U	M	U	R
Vinegar	R	R	R	R	U	U	R	R
Water	R	R	R	R	U	U	R	R
Wheat Germ Oil	R	U	U	M	R	R	R	R
Whiskey & Wine	R	R	R	R	U	U	R	R
Wood Oil	R	U	U	R	X	M	U	R

Composite Compounds

Material Suffix	Description	Colour	Temp. (°C) min.	max.	Material Properties & Application
B	Bronze filled PTFE	Brown/Grey	-156	+260	Heavy mechanical stress. Good wear and creep resistance. Hydraulic applications.
C	Carbon filled PTFE	Black	-190	+315	Medium mechanical stress. High wear and creep resistance. Water & oil hydraulcs. Pneumatics.
G	Glass filled PTFE	Blue,Green, Yellow,White	-190	+290	High chemical and creep resistance. Medium duty hydraulic applications.
VP	Virgin PTFE	White	-190	+230	High chemical resistance. Chemical and food industry.
M	Modified PTFE	Blue,Green, Yellow	-190	+230	Improved wear resistance. Low-duty applications.
UHMWPE	Ultra High Molecular Weight Polyethelene	Transparent White	-200	+80	Outstanding wear properties in water and air. Food industry.
NYL	Nylon	Black	-30	+110	Heavy mechanical stress. Mobile hydraulics.
P	Polyurethane	Various	-40	+110	High mechanical stress. Hydraulic applications.
GRAPH	Graphite	Black	-190	+230	Chemical resistance limited by graphite. Soft sealing surfaces.

Discovered in 1938 by Dr Roy J. Plunkett of the Du Pont laboratory in Jackson, New Jersey, PTFE does not exhibit any change when subjected to practically all known chemicals and it's surface is so smooth that hardly any substances adhere to it. Neither moisture or solar radiation causes brittleness, disintegration or volumetric change.

The use of fillers can help enhance the physical properties of the PTFE such as improved flow strength, reduced friction and wear, increased strength and hardness and increased thermal shape stability.
Some of the standard fillers are Glass fibres, bronze, carbon, graphite and molybdenum sulphide (MoS_2).

PTFE has a very wide temperature range of -260°C to +315°C. However the use of a filler and or an elastomeric energiser greatly reduces the temperature range and the chemical resistance depending on which elastomer is used.

O-ring Compounds

O-ring Compound	Applications	Properties	Temperature range
Nitrile	Hydraulics & Pneumatics.	Resistant to mineral and vegetable oils and fats, alkalis, alcohols, gases, water, glycols, salt solutions, food.	-30°C to +100°C
Viton®	Chemical Equipment. High Temperature Hydraulics & Pneumatics.	High temperature resistance combined with greater chemical resistance than nitrile.Resistant to oils,Chlorinated solvents, aliphatic & aromatic hydrocarbons and various heavy inflamable fluids.	-15°C to +200°C
Silicone	Chemical Equipment. Food Industry.	Large temperature area. Approved for food industry. Poor wear resistance.	-60°C to +200°C
Ethylene-Propylene (EPDM)	Hot Water and Steam Applications. Brake Systems. Nuclear Engineering.	Resistant to heated water,steam and acids. Not resistant to mineral oils and fats.	-40°C to +100°C
Neoprene	Refrigerators	Resistant to ozone and sunlight. Reasonable oil resistance. Especially good for refrigeration e.g. Freon 12 & Freon 22	-40°C to +100°C
Kalrez®	Chemical Engineering High Temperature Applications.	Universal chemical resistance .	-30°C to +288°C

® Du Pont registered trade name.

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
PC-200		Piston Composite.	PTFE, Nitrile Rubber.	+200° -40° *	400	Metric & Imperial	Page 1
PC-200-SQ		Piston Composite with Square Sectioned Energiser.	PTFE, Nitrile Rubber.	+200° -40° *	400	Metric & Imperial	Page 14
PC-200K		Composite Capped Piston T-Seal.	PTFE, Nitrile Rubber, Polyacetal.	+100° -30°	350	Metric & Imperial	Page 20
PC-210		Piston Composite.	PTFE, Nitrile Rubber.	+200° -40° *	400	Metric & Imperial	Page 28
PC-210-P		Polyurethane Piston Composite.	Polyurethane, Nitrile Rubber.	+100° -30°	400	Metric	Page 34
PC-210-SQ		Polyurethane Piston Composite with Square Sectioned Energiser.	Polyurethane, Nitrile Rubber.	+100° -30°	400	Metric	Page 39
PC-220		PTFE Piston Composite.	PTFE, Nitrile Rubber.	+200° -40° *	100	Metric & Imperial	Call
PC-250		Stepped Piston Composite.	PTFE, Nitrile Rubber.	+200° -40° *	400	Metric & Imperial	Page 45
PC-260		Rotary Piston Composite.	PTFE, Nitrile Rubber.	+200° -40° *	300	Metric & Imperial	Page 51
PC-840		Caveseal Piston Composite.	PTFE, Nitrile Rubber.	+200° -40° *	350	Metric & Imperial	Page 57
PC-1810		Piston Composite.	PTFE, Nitrile Rubber.	+200° -40° *	160	Metric & Imperial	Page 69
RC-100		Rod Composite.	PTFE, Nitrile Rubber.	+200° -40° *	400	Metric & Imperial	Page 73
RC-110		Rod Composite.	PTFE, Nitrile Rubber.	+200° -40° *	400	Metric & Imperial	Page 82

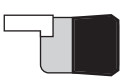
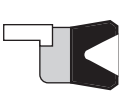
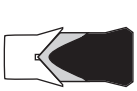
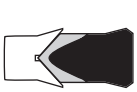
**** Temperature is dependant on o-ring material.***

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
RC-120		Rod Composite.	PTFE, Nitrile Rubber.	+200° -40° *	100	Metric & Imperial	Call
RC-160		Rod Composite for Rotary Applications.	PTFE, Nitrile Rubber.	+200° -40° *	300	Metric & Imperial	Page 89
RC-170		Stepped Rod Composite.	PTFE, Nitrile Rubber.	+200° -40° *	400	Metric & Imperial	Page 96
RC-1710		Rod Composite.	PTFE, Nitrile Rubber.	+200° -40° *	160	Metric & Imperial	Page 113
RC-740		Caveseal Rod Composite.	PTFE, Nitrile Rubber.	+200° -40° *	350	Metric & Imperial	Page 103
Rotary Flexiseal®		Flexiseal® for Rotary Applications	PTFE & Stainless Steel.	+225° -150°	350	Metric & Imperial	Page 130
Flexiseal® Static		Flexiseal® for Static Applications	PTFE & Stainless Steel.	+225° -150°	350	Metric & Imperial	Page 133
Flexiseal® Dynamic		Flexiseal® for Dynamic Applications	PTFE & Stainless Steel.	+225° -150°	350	Metric & Imperial	Page 131
Flexiseal® for Flanges		Flexiseal® for Flange Fittings	PTFE & Stainless Steel.	+225° -150°	350	Metric & Imperial	Page 135
WC-590		Wiper Composite	PTFE, Nitrile Rubber.	+200° -40° *	-	Metric & Imperial	Page 123
WC-580		Wiper Composite	PTFE, Nitrile Rubber.	+200° -40° *	-	Metric & Imperial	Page 117
RM BS		O-rings.	Nitrile.	+100° -30°	350	Metric & Imperial	Call
BS-CB RM-CB		Contoured Back-up Rings.	Nitrile.	+100° -30°	-	Metric & Imperial	Call

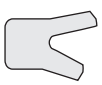
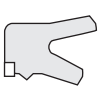
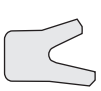
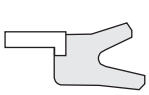
**** Temperature is dependant on o-ring material.***

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
SA-P		Single Acting Seal.	Fabric Reinforced Nitrile Rubber.	+100° -30°	200	Metric & Imperial	
SA-EI		Single Acting Rod Seal with Anti-extrusion Ring.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric & Imperial	
SA-EO		Single Acting Piston Seal with Anti-extrusion Ring.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric & Imperial	
SA-WO		Single Acting Piston Seal with Clip on Wear Ring.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric & Imperial	
SA-WI		Single Acting Rod Seal with Clip on Wear Ring.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Imperial	
SA-EI-SAG		Single Acting Rod Seal with Anti-extrusion Ring for Telescopic Cylinders.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Imperial	
SA-P-GR		Single Acting Seal with Groove.	Fabric Reinforced Nitrile Rubber.	+100° -30°	200	Metric & Imperial	
SA-EO-GR		Single Acting Piston Seal, Grooved with Anti-extrusion ring.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric & Imperial	
SA-EI-GR		Single Acting Rod Seal, Grooved with Anti-extrusion Ring.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric	
SA-WO-GR		Single Acting Piston Seal, Grooved with Clip-on Wear Ring.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric & Imperial	
SA-BR-L		Single Acting Seal with Polyester Header for Telescopic Cylinders.	Fabric Reinforced Nitrile Rubber & Polyester.	+100° -30°	400	Imperial	
SA-BR-M		Single Acting Seal with Polyester Header for Telescopic Cylinders.	Fabric Reinforced Nitrile Rubber & Polyester.	+100° -30°	400	Metric	
SU-P		Single Acting Polyurethane U-ring.	Polyurethane.	+100° -30°	400	Metric & Imperial	

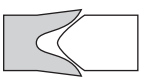
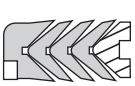
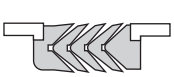
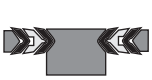
Master-seal Catalogue

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
SU-DI-P		Single Acting Rod Working Polyurethane U-ring.	Polyurethane.	+100° -30°	400	Metric & Imperial	
SU-DI-L-P		Single Acting Rod Working Polyurethane U-ring.	Polyurethane.	+100° -30°	400	Metric & Imperial	
SU-TS-P		Single Acting Rod Working Polyurethane U-ring.	Polyurethane.	+100° -30°	400	Metric & Imperial	
SU-TS-EI-P		Single Acting Rod Working Polyurethane U-ring with Anti-extrusion Ring.	Polyurethane & Polyacetal.	+100° -30°	400	Metric	
SU-EI-L-P		Single Acting Rod Working Polyurethane U-ring with Anti-extrusion Ring.	Polyurethane & Polyacetal.	+100° -30°	400	Metric	
SU-EU-P		Energised Single Acting Polyurethane U-ring.	Polyurethane & Nitrile.	+100° -30°	400	Metric & Imperial	
SU-EI-P (Buffer)		Single Acting Rod Working Polyurethane U-ring with Anti-extrusion Ring.	Polyurethane & Polyacetal.	+100° -30°	400	Metric	
SU-DE-P		Single Acting Piston Working Polyurethane U-ring.	Polyurethane.	+100° -30°	400	Metric & Imperial	
SU-WO-P		Single Acting Piston Working Polyurethane U-ring with a Wear Ring.	Polyurethane & Polyacetal.	+100° -30°	400	Metric	
SU-EO-P		Single Acting Piston Working Polyurethane U-ring with Anti-extrusion Ring.	Polyurethane & Polyacetal.	+100° -30°	400	Metric	
SU-WO-R		Single Acting Piston Working Rubber U-ring with Wear Ring.	Nitrile Rubber & Polyester.	+100° -30°	200	Metric	
SU-DE-R		Single Acting Piston Working Rubber U-ring.	Nitrile Rubber.	+100° -30°	100	Metric & Imperial	
SU-R		Single Acting Rubber U-ring.	Nitrile Rubber.	+100° -30°	100	Metric & Imperial	

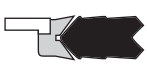
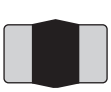
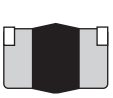
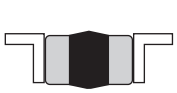
Master-seal Catalogue

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
TS		Twinset.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	340	Metric & Imperial	Call
SU-DI-R		Single Acting Rod Working Rubber U-ring.	Nitrile Rubber.	+100° -30°	100	Metric & Imperial	
VP		Standard Single Acting Vee Packs.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP		Vee Packs for Piston Applications.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP-DR		Dri Rod Style Vee Packs.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP-DR		Dri Rod Style Vee Packs.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP-EO		Vee Packs with an External Anti-extrusion ring.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP-EO		Vee Packs with an External Anti-extrusion Ring.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP-EI		Vee Packs with an Internal Anti-extrusion Ring.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP-EI		Vee Packs with an Internal Anti-extrusion Ring.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
VP-WO		Vee Packs with Clip on Wear Rings.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	Call
VP-P		Hydrolocking Vee Packs.	Polyacetal, Polyester.	+100° -30°	400	Imperial	Call
VP-DA		Double Acting Vee Packs.	Polyacetal, Polyester.	+100° -30°	-	Imperial	Call

Master-seal Catalogue

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
VP-DA		Double Acting Vee Packs.	Polyacetal, Polyester.	+100° -30°	-	Imperial	Call
GM-EI		Three Part Gland Seal with Internal Anti-extrusion Rings.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	700	Metric & Imperial	
GM-EO		Three Part Single Acting Piston Seal with External Anti-extrusion Ring.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	700	Metric & Imperial	
GM-WO		Three Part Single Acting Piston Seal with Wear Ring.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	700	Metric & Imperial	
DM-WO		Five Part Double Acting Monobloc Piston Seal with Wear Rings.	Polyester, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-EO		Five Part Double Acting Monobloc Piston Seal with Anti-extrusion Rings.	Polyester, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-WO		Five Part Double Acting Monobloc Piston Seal with Wear Rings.	Polyester, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-EO		Five Part Double Acting Monobloc Piston Seal with Anti-extrusion Rings.	Polyester, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-LO		Four Part Double Acting Monobloc Piston Seal with Wear Rings.	Fabric Reinforced Nitrile Rubber, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric	
DM-LO		Four Part Double Acting Monobloc Piston Seal with Wear Rings.	Polyurethane, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric	
DA-P		Plain Double Acting Piston Seal.	Fabric Reinforced Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DA-EO		Three Part Double Acting Piston Seal with Anti-extrusion Rings.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric & Imperial	
DA-WO		Three Part Double Acting Piston Seal with Wear Rings.	Fabric Reinforced Nitrile Rubber & Polyacetal.	+100° -30°	400	Metric	

Master-seal Catalogue

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
DM-LO		Five Part Double Acting Monobloc Piston Seal with Wear Rings.	PTFE, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-LO		Five Part Double Acting Monobloc Piston Seal with Wear Rings.	Polyester, Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-WO		Five Part Double Acting Piston Seal with Wear Rings.	Fabric Reinforced Nitrile Rubber Polyacetal Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-EO		Five Part Double Acting Piston Seal with Anti-extrusion Rings.	Fabric Reinforced Nitrile Rubber Polyacetal Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-WO		Three Part Double Acting Monobloc Piston Seal with Wear Rings.	Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DW-WO		Three Part Double Acting Monobloc Piston Seal with Wear Rings.	Polyacetal, Nitrile Rubber.	+100° -30°	400	Metric & Imperial	
DM-EO		Three Part Double Acting Monobloc Piston Seal with Anti-extrusion Rings.	Fabric Reinforced Nitrile Rubber, Polyacetal.	+100° -30°	400	Metric	
CP-T		Double Acting Three Part Piston Seals.	Nylon, Nitrile Rubber.	+100° -30°	350	Imperial	
CP-P		Double Acting Two Part Piston Seals.	Polyurethane, Nitrile Rubber.	+100° -30°	350	Imperial	
CR-T		Double Acting Three Part Rod Seals.	Nylon, Nitrile Rubber.	+100° -30°	350	Imperial	
CR-P		Double Acting Two Part Rod Seals.	Polyurethane, Nitrile Rubber.	+100° -40°	350	Imperial	
WR-M		Medium Duty Square Shouldered Wipers.	Polyurethane.	+100° -30°	-	Metric & Imperial	
WR-M		Medium Duty Square Shouldered Wipers.	Polyurethane.	+100° -30°	-	Metric & Imperial	

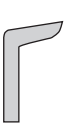
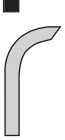
Master-seal Catalogue

SEAL PROFILE INDEX

Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
WR-B		Light Duty Wipers.	Polyurethane, Nitrile Rubber.	+100° -30°	-	Imperial	
WR-DK		Light Duty Wipers.	Polyurethane, Nitrile Rubber.	+100° -30°	-	Metric	
WR-C		Light to Medium Duty Square Shouldered Wipers.	Polyurethane, Nitrile Rubber.	+100° -30°	-	Imperial	
WR-S		Medium to Heavy Duty Wipers.	Polyurethane, Nitrile Rubber.	+100° -30°	-	Imperial	
WR-SU		Double-Lipped Medium Duty Wipers.	Polyurethane, Nitrile Rubber.	+100° -30°	-	Imperial	
WR-SL		Double-Lipped Medium Duty Wipers.	Nitrile Rubber.	+100° -30°	-	Imperial	
WR-H		Double-Lipped Light Duty Wipers.	Nitrile Rubber.	+100° -30°	-	Imperial	
WR-A1		Medium Duty Double Shouldered Wipers.	Polyurethane, Nitrile Rubber.	+100° -30°	-	Metric	
WR-DA		Medium Duty Double Shouldered Double Lipped Wipers.	Nitrile	+100° -30°	-	Metric	
WR-UL		Medium Duty Double Lipped Wipers.	Polyurethane Nitrile Rubber	+100° -30°	-	Metric & Imperial	
WR-Y		Nylon Medium to Heavy Duty Wipers.	Nylon.	+100° -40°	-	Metric & Imperial	
WR-MC		Heavy Duty Metal Cased Wipers.	Polyurethane, Nitrile Rubber, Steel.	+100° -30°	-	Metric & Imperial	
WR-MC		Heavy Duty Metal Cased Wipers.	Polyurethane, Nitrile Rubber, Steel.	+100° -30°	-	Metric & Imperial	

Master-seal Catalogue

SEAL PROFILE INDEX

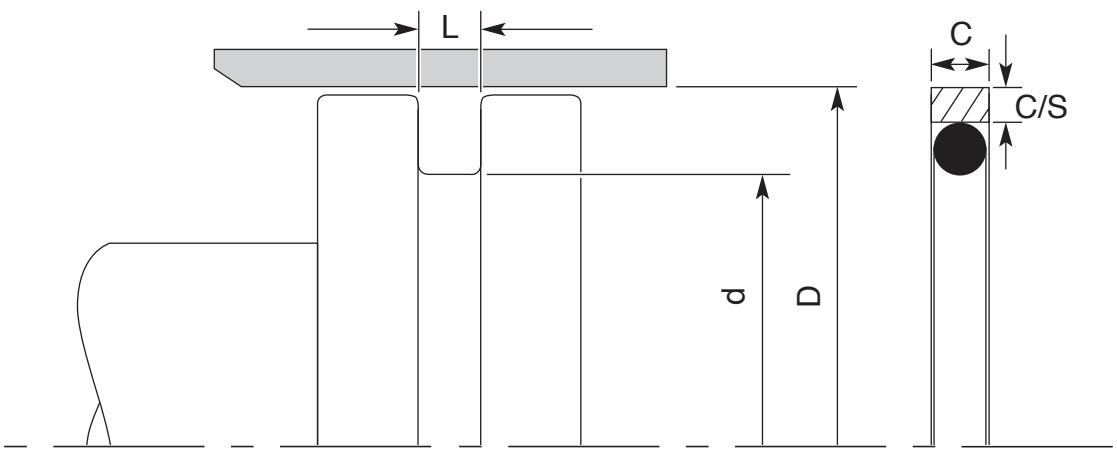
Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
WR-MC-UL		Heavy Duty Double Lipped Metal Cased Wipers.	Polyurethane, Steel.	+100° -30°	-	Metric	Master-seal Catalogue
WR-MC-U		Heavy Duty Metal Cased Wipers.	Polyurethane, Steel.	+100° -30°	-	Metric & Imperial	
WR-MC-UL		Heavy Duty Double Lipped Metal Cased Wipers.	Polyurethane, Steel.	+100° -30°	-	Imperial	
WR-S34		Heavy Duty Brass and Nitrile Rubber Wiper / Scrapers.	Nitrile, Brass.	+100° -30°	-	Metric & Imperial	Call
BR-D		Polyacetal Bearing Rings.	Polyacetal.	+110° -40°	-	Metric & Imperial	Master-seal Catalogue
BR-GF		Glass Filled Polyacetal Bearing Rings.	Glass Filled Polyacetal.	+110° -40°	-	Metric & Imperial	
BR-PH		Phenolic Bearing Rings.	Phenolic.	+130° -40°	-	Metric & Imperial	
BR-LI		Rod Working L-shaped Bearing Rings.	Polyacetal.	+110° -40°	-	Metric	
SC-FB-F		Fabric Flat Based Piston Working Cup Seals.	Fabric Reinforced Nitrile rubber.	+100° -30°	170	Metric & Imperial	
SC-FB-R		Rubber Flat Based Piston Working Cup Seals.	Nitrile rubber.	+100° -30°	35	Metric & Imperial	
SC-RB-F		Fabric Round Based Piston Working Cup Seals.	Fabric Reinforced Nitrile rubber.	+100° -30°	170	Metric & Imperial	
SC-RB-R		Rubber Round Based Piston Working Cup Seals.	Nitrile rubber.	+100° -30°	35	Metric & Imperial	
RR (Piston)		Polyacetal Piston Working Retaining Rings.	Polyacetal.	+110° -40°	-	Metric & Imperial	

SEAL PROFILE INDEX

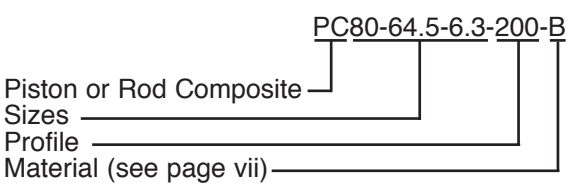
Prefix / Suffix	Profile	Description	Material	Temp °c	Max Pressure (Bar)	Metric Imperial	Page No.
RR (Rod)		Polyacetal Rod Working Retaining Rings.	Polyacetal.	+110° -40°	-	Metric	Master-seal Catalogue
PR		Cast Iron Piston Rings.	Cast Iron.	-	-	Metric & Imperial	Call
SS		Rotary Shaft Seal.	Nitrile, Steel.	+100° -30°	-	Metric & Imperial	Call

PC-200

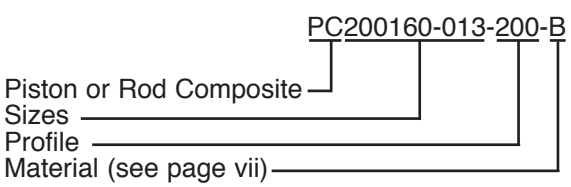
Piston Composite Seal Style 200



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤400bar*
Working Temperature	-30 to +100°C**
Surface Speed	≤8 m/s

* Up to 800 bar with reduced extrusion gap.
** Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The PC-200 is a double acting seal consisting of a PTFE sleeve and an elastomer energiser. The PTFE sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii). The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

HYDROSCAND
ŠLŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200

Piston **C**omposite Seal Style **200**

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC8-3.1-2.2-200	8.0	3.1	2.2	2.0	1.0	1.78
PC8-3.7-2.4-200	8.0	3.7	2.4	2.15	0.82	1.78
PC9-4.7-2.4-200	9.0	4.7	2.4	2.15	0.82	1.78
PC10-5.1-2.2-200	10.0	5.1	2.2	2.0	1.0	1.78
PC10-5.7-2.4-200	10.0	5.7	2.4	2.15	0.82	1.78
PC11-6.7-2.4-200	11.0	6.7	2.4	2.15	0.82	1.78
PC12-7.1-2.2-200	12.0	7.1	2.2	2.0	1.0	1.78
PC12-7.7-2.4-200	12.0	7.7	2.4	2.15	0.82	1.78
PC13-8.7-2.4-200	13.0	8.7	2.4	2.15	0.82	1.78
PC14-9.7-2.4-200	14.0	9.7	2.4	2.15	0.82	1.78
PC15-7.5-3.2-200	15.0	7.5	3.2	3.0	1.7	2.62
PC15-10.7-2.4-200	15.0	10.7	2.4	2.15	0.82	1.78
PC16-8.5-3.2-200	16.0	8.5	3.2	3.0	1.7	2.62
PC16-10-3.6-200	16.0	10.0	3.6	3.35	1.00	2.62
PC17-11-3.6-200	17.0	11.0	3.6	3.35	1.00	2.62
PC18-10.5-3.2-200	18.0	10.5	3.2	3.0	1.7	2.62
PC18-12-3.6-200	18.0	12.0	3.6	3.35	1.00	2.62
PC20-12.5-3.2-200	20.0	12.5	3.2	3.0	1.7	2.62
PC20-12.8-4-200	20.0	12.8	4.0	3.8	1.00	3.00
PC20-14-3.6-200	20.0	14.0	3.6	3.35	1.00	2.62
PC22-14.5-3.2-200	22.0	14.5	3.2	3.0	1.7	2.62
PC22-14.8-4-200	22.0	14.8	4.0	3.8	1.00	3.00
PC22-16-3.6-200	22.0	16.0	3.6	3.35	1.00	2.62
PC23-17-3.6-200	23.0	17.0	3.6	3.35	1.00	2.62
PC24-16.5-3.2-200	24.0	16.5	3.2	3.0	1.7	2.62
PC24-18-3.6-200	24.0	18.0	3.6	3.35	1.00	2.62
PC25-17.5-3.2-200	25.0	17.5	3.2	3.0	1.7	2.62
PC25-17.8-4-200	25.0	17.8	4.0	3.8	1.00	3.00
PC25-19-3.6-200	25.0	19.0	3.6	3.35	1.00	2.62
PC26-18-4.8-200	26.0	18.0	4.8	4.55	1.15	3.53
PC27-19-4.8-200	27.0	19.0	4.8	4.55	1.15	3.53
PC28-20-4.8-200	28.0	20.0	4.8	4.55	1.15	3.53
PC28-20.5-3.2-200	28.0	20.5	3.2	3.0	1.7	2.62
PC28-20.8-4-200	28.0	20.8	4.0	3.8	1.00	3.00
PC29-21-4.8-200	29.0	21.0	4.8	4.55	1.15	3.53
PC30-22-4.8-200	30.0	22.0	4.8	4.55	1.15	3.53
PC30-22.5-3.2-200	30.0	22.5	3.2	3.0	1.7	2.62
PC30-22.8-4-200	30.0	22.8	4.0	3.8	1.00	3.00
PC31-23-4.8-200	31.0	23.0	4.8	4.55	1.15	3.53
PC32-24-4.8-200	32.0	24.0	4.8	4.55	1.15	3.53

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200

Piston Composite Seal Style 200

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC32-24.5-3.2-200	32.0	24.5	3.2	3.0	1.7	2.62
PC32-24.8-4-200	32.0	24.8	4.0	3.8	1.00	3.00
PC33-25-4.8-200	33.0	25.0	4.8	4.55	1.15	3.53
PC34-26-4.8-200	34.0	26.0	4.8	4.55	1.15	3.53
PC35-27-4.8-200	35.0	27.0	4.8	4.55	1.15	3.53
PC35-27.5-3.2-200	35.0	27.5	3.2	3.0	1.7	2.62
PC35-27.8-4-200	35.0	27.8	4.0	3.8	1.00	3.00
PC36-28-4.8-200	36.0	28.0	4.8	4.55	1.15	3.53
PC36-28.8-4-200	36.0	28.8	4.0	3.8	1.00	3.00
PC37-29-4.8-200	37.0	29.0	4.8	4.55	1.15	3.53
PC38-30-4.8-200	38.0	30.0	4.8	4.55	1.15	3.53
PC39-31-4.8-200	39.0	31.0	4.8	4.55	1.15	3.53
PC39-31.5-3.2-200	39.0	31.5	3.2	3.0	1.7	2.62
PC40-29-4.2-200	40.0	29.0	4.2	3.9	2.5	3.53
PC40-30-5-200	40.0	30.0	5.0	4.80	1.00	4.00
PC40-32-4.8-200	40.0	32.0	4.8	4.55	1.15	3.53
PC41-33-4.8-200	41.0	33.0	4.8	4.55	1.15	3.53
PC42-31-4.2-200	42.0	31.0	4.2	3.9	2.5	3.53
PC42-32-5-200	42.0	32.0	5.0	4.80	1.00	4.00
PC43-35-4.8-200	43.0	35.0	4.8	4.55	1.15	3.53
PC44-36-4.8-200	44.0	36.0	4.8	4.55	1.15	3.53
PC45-34-4.2-200	45.0	34.0	4.2	3.9	2.5	3.53
PC45-35-5-200	45.0	35.0	5.0	4.80	1.00	4.00
PC45-37-4.8-200	45.0	37.0	4.8	4.55	1.15	3.53
PC47-39-4.8-200	47.0	39.0	4.8	4.55	1.15	3.53
PC48-37-4.2-200	48.0	37.0	4.2	3.9	2.5	3.53
PC48-40-4.8-200	48.0	40.0	4.8	4.55	1.15	3.53
PC49-41-4.8-200	49.0	41.0	4.8	4.55	1.15	3.53
PC50-37.6-7.1-200	50.0	37.6	7.15	6.90	1.70	5.33
PC50-39-4.2-200	50.0	39.0	4.2	3.9	2.5	3.53
PC50-40-5-200	50.0	40.0	5.0	4.80	1.00	4.00
PC52-41-4.2-200	52.0	41.0	4.2	3.9	2.5	3.53
PC53-40.6-7.1-200	53.0	40.6	7.15	6.90	1.70	5.33
PC55-42.6-7.1-200	55.0	42.6	7.15	6.90	1.70	5.33
PC55-44-4.2-200	55.0	44.0	4.2	3.9	2.5	3.53
PC55-45-5-200	55.0	45.0	5.0	4.80	1.00	4.00
PC56-43.6-7.1-200	56.0	43.6	7.15	6.90	1.70	5.33
PC56-46-5-200	56.0	46.0	5.0	4.80	1.00	4.00
PC60-37.6-7.1-200	60.0	37.6	7.15	6.90	1.70	5.33
PC60-49-4.2-200	60.0	49.0	4.2	3.9	2.5	3.53

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200

Piston **C**omposite Seal Style **200**

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC60-50-5-200	60.0	50.0	5.0	4.80	1.00	4.00
PC63-50.6-7.1-200	63.0	50.6	7.15	6.90	1.70	5.33
PC63-52-4.2-200	63.0	52.0	4.2	3.9	2.5	3.53
PC63-53-5-200	63.0	53.0	5.0	4.80	1.00	4.00
PC65-52.6-7.1-200	65.0	52.6	7.15	6.90	1.70	5.33
PC65-54-4.2-200	65.0	54.0	4.2	3.9	2.5	3.53
PC70-57.6-7.1-200	70.0	57.6	7.15	6.90	1.70	5.33
PC70-59-4.2-200	70.0	59.0	4.2	3.9	2.5	3.53
PC70-60-5-200	70.0	60.0	5.0	4.80	1.00	4.00
PC73-60.6-7.1-200	73.0	60.6	7.15	6.90	1.70	5.33
PC75-62.6-7.1-200	75.0	62.6	7.15	6.90	1.70	5.33
PC79-68-4.2-200	79.0	68.0	4.2	3.9	2.5	3.53
PC80-66.2-7.5-200	80.0	66.2	7.50	7.35	2.15	5.70
PC80-67.6-7.1-200	80.0	67.6	7.15	6.90	1.70	5.33
PC80-64.5-6.3-200	80.0	64.5	6.3	5.9	3.45	5.33
PC85-72.6-7.1-200	85.0	72.6	7.15	6.90	1.70	5.33
PC85-69.5-6.3-200	85.0	69.5	6.3	5.9	3.45	5.33
PC90-76.2-7.5-200	90.0	76.2	7.50	7.35	2.15	5.70
PC90-77.6-7.1-200	90.0	77.6	7.15	6.90	1.70	5.33
PC90-74.5-6.3-200	90.0	74.5	6.3	5.9	3.45	5.33
PC95-79.5-6.3-200	95.0	79.5	6.3	5.9	3.45	5.33
PC100-84.5-6.3-200	100.0	84.5	6.3	5.9	3.45	5.33
PC100-86.2-7.5-200	100.0	86.2	7.50	7.35	2.15	5.70
PC100-87.6-7.1-200	100.0	87.6	7.15	6.90	1.70	5.33
PC105-89.5-6.3-200	105.0	89.5	6.3	5.9	3.45	5.33
PC105-92.6-7.1-200	105.0	92.6	7.15	6.90	1.70	5.33
PC110-94.5-6.3-200	110.0	94.5	6.3	5.9	3.45	5.33
PC110-96.2-7.5-200	110.0	96.2	7.50	7.35	2.15	5.70
PC110-97.6-7.1-200	110.0	97.6	7.15	6.90	1.70	5.33
PC115-99.5-6.3-200	115.0	99.5	6.3	5.9	3.45	5.33
PC115-101.2-7.5-200	115.0	101.2	7.50	7.35	2.15	5.70
PC115-102.6-7.1-200	115.0	102.6	7.15	6.90	1.70	5.33
PC120-104.5-6.3-200	120.0	104.5	6.3	5.9	3.45	5.33
PC120-107.6-7.1-200	120.0	107.6	7.15	6.90	1.70	5.33
PC125-109.5-6.3-200	125.0	109.5	6.3	5.9	3.45	5.33
PC125-111.2-7.5-200	125.0	111.2	7.50	7.35	2.15	5.70
PC125-112.6-7.1-200	125.0	112.6	7.15	6.90	1.70	5.33
PC130-113.2-9.5-200	130.0	113.2	9.5	9.30	1.70	6.99
PC130-114.5-6.3-200	130.0	114.5	6.3	5.9	3.45	5.33
PC135-114-8.1-200	135.0	114.0	8.1	7.9	4.8	6.99

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200

Piston Composite Seal Style 200

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC135-118.2-9.5-200	135.0	118.2	9.5	9.30	1.70	6.99
PC140-119-8.1-200	140.0	119.0	8.1	7.9	4.8	6.99
PC140-123.2-9.5-200	140.0	123.2	9.5	9.30	1.70	6.99
PC140-126.2-7.5-200	140.0	126.2	7.50	7.35	2.15	5.70
PC145-124-8.1-200	145.0	124.0	8.1	7.9	4.8	6.99
PC145-128.2-9.5-200	145.0	128.2	9.5	9.30	1.70	6.99
PC150-129-8.1-200	150.0	129.0	8.1	7.9	4.8	6.99
PC150-133.2-9.5-200	150.0	133.2	9.5	9.30	1.70	6.99
PC150-136.2-7.5-200	150.0	136.2	7.50	7.35	2.15	5.70
PC155-134-8.1-200	155.0	134.0	8.1	7.9	4.8	6.99
PC160-139-8.1-200	160.0	139.0	8.1	7.9	4.8	6.99
PC160-143.2-9.5-200	160.0	143.2	9.5	9.30	1.70	6.99
PC165-144-8.1-200	165.0	144.0	8.1	7.9	4.8	6.99
PC165-148.2-9.5-200	165.0	148.2	9.5	9.30	1.70	6.99
PC170-149-8.1-200	170.0	149.0	8.1	7.9	4.8	6.99
PC170-153.2-9.5-200	170.0	153.2	9.5	9.30	1.70	6.99
PC175-154-8.1-200	175.0	154.0	8.1	7.9	4.8	6.99
PC175-158.2-9.5-200	175.0	158.2	9.5	9.30	1.70	6.99
PC180-159-8.1-200	180.0	159.0	8.1	7.9	4.8	6.99
PC180-163.2-9.5-200	180.0	163.2	9.5	9.30	1.70	6.99
PC185-164-8.1-200	185.0	164.0	8.1	7.9	4.8	6.99
PC190-169-8.1-200	190.0	169.0	8.1	7.9	4.8	6.99
PC195-174-8.1-200	195.0	174.0	8.1	7.9	4.8	6.99
PC200-179-8.1-200	200.0	179.0	8.1	7.9	4.8	6.99
PC200-183.2-9.5-200	200.0	183.2	9.5	9.30	1.70	6.99
PC205-184-8.1-200	205.0	184.0	8.1	7.9	4.8	6.99
PC210-189-8.1-200	210.0	189.0	8.1	7.9	4.8	6.99
PC220-199-8.1-200	220.0	199.0	8.1	7.9	4.8	6.99
PC225-204-8.1-200	225.0	204.0	8.1	7.9	4.8	6.99
PC230-209-8.1-200	230.0	209.0	8.1	7.9	4.8	6.99
PC240-219-8.1-200	240.0	219.0	8.1	7.9	4.8	6.99
PC250-229-8.1-200	250.0	229.0	8.1	7.9	4.8	6.99
PC250-233.2-9.5-200	250.0	233.2	9.5	9.30	1.70	6.99
PC260-239-8.1-200	260.0	239.0	8.1	7.9	4.8	6.99
PC270-249-8.1-200	270.0	249.0	8.1	7.9	4.8	6.99
PC280-259-8.1-200	280.0	259.0	8.1	7.9	4.8	6.99
PC290-269-8.1-200	290.0	269.0	8.1	7.9	4.8	6.99
PC300-279-8.1-200	300.0	279.0	8.1	7.9	4.8	6.99
PC310-289-8.1-200	310.0	289.0	8.1	7.9	4.8	6.99
PC320-299-8.1-200	320.0	299.0	8.1	7.9	4.8	6.99

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200

Piston **C**omposite Seal Style **200**

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC320-303.2-9.5-200	320.0	303.2	9.5	9.30	1.70	6.99
PC330-305.5-8.1-200	330.0	305.5	8.1	7.9	6.55	6.99
PC340-315.5-8.1-200	340.0	315.5	8.1	7.9	6.55	6.99
PC350-325.5-8.1-200	350.0	325.5	8.1	7.9	6.55	6.99
PC360-335.5-8.1-200	360.0	335.5	8.1	7.9	6.55	6.99
PC370-345.5-8.1-200	370.0	345.5	8.1	7.9	6.55	6.99
PC380-355.5-8.1-200	380.0	355.5	8.1	7.9	6.55	6.99
PC390-365.5-8.1-200	390.0	365.5	8.1	7.9	6.55	6.99
PC400-375.5-8.1-200	400.0	375.5	8.1	7.9	6.55	6.99
PC410-385.5-8.1-200	410.0	385.5	8.1	7.9	6.55	6.99
PC420-395.5-8.1-200	420.0	395.5	8.1	7.9	6.55	6.99
PC430-405.5-8.1-200	430.0	405.5	8.1	7.9	6.55	6.99
PC440-415.5-8.1-200	440.0	415.5	8.1	7.9	6.55	6.99
PC450-425.5-8.1-200	450.0	425.5	8.1	7.9	6.55	6.99
PC460-435.5-8.1-200	460.0	435.5	8.1	7.9	6.55	6.99
PC470-445.5-8.1-200	470.0	445.5	8.1	7.9	6.55	6.99
PC480-455.5-8.1-200	480.0	455.5	8.1	7.9	6.55	6.99
PC490-465.5-8.1-200	490.0	465.5	8.1	7.9	6.55	6.99
PC500-475.5-8.1-200	500.0	475.5	8.1	7.9	6.55	6.99

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200

Piston Composite Seal Style 200

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
PC031015-009-200	0.312	0.152	0.094	0.085	0.032	0.070
PC034018-009-200	0.343	0.183	0.094	0.085	0.032	0.070
PC037018-009-200	0.375	0.182	0.086	0.079	0.039	0.070
PC037021-009-200	0.375	0.215	0.094	0.085	0.032	0.070
PC043028-009-200	0.437	0.277	0.094	0.085	0.032	0.070
PC050024-008-200	0.500	0.240	0.083	0.070	0.070	0.070
PC050031-009-200	0.500	0.307	0.086	0.079	0.039	0.070
PC050034-009-200	0.500	0.340	0.094	0.085	0.032	0.070
PC056040-009-200	0.562	0.402	0.094	0.085	0.032	0.070
PC062036-008-200	0.625	0.365	0.083	0.070	0.070	0.070
PC062033-012-200	0.625	0.330	0.126	0.118	0.067	0.103
PC062040-014-200	0.625	0.403	0.141	0.132	0.030	0.103
PC068047-014-200	0.687	0.466	0.141	0.132	0.030	0.103
PC075045-012-200	0.750	0.455	0.126	0.118	0.067	0.103
PC075049-008-200	0.750	0.490	0.083	0.070	0.070	0.070
PC075053-014-200	0.750	0.528	0.141	0.132	0.030	0.103
PC081059-014-200	0.812	0.590	0.141	0.132	0.030	0.103
PC087058-012-200	0.875	0.580	0.126	0.118	0.067	0.103
PC087065-014-200	0.875	0.653	0.141	0.132	0.030	0.103
PC093072-014-200	0.937	0.715	0.141	0.132	0.030	0.103
PC100070-012-200	1.000	0.705	0.126	0.118	0.067	0.103
PC100074-008-200	1.000	0.740	0.083	0.070	0.070	0.070
PC100078-014-200	1.000	0.778	0.141	0.132	0.030	0.103
PC100079-009-200	1.000	0.787	0.094	0.088	0.055	0.070
PC106076-019-200	1.062	0.758	0.188	0.179	0.041	0.139
PC112082-019-200	1.125	0.821	0.188	0.179	0.041	0.139
PC112083-012-200	1.125	0.830	0.126	0.118	0.067	0.103
PC112086-008-200	1.125	0.860	0.083	0.070	0.070	0.070
PC112091-009-200	1.125	0.912	0.094	0.088	0.055	0.070
PC118088-019-200	1.187	0.883	0.188	0.179	0.041	0.139
PC125095-019-200	1.250	0.946	0.188	0.179	0.041	0.139
PC125096-012-200	1.250	0.955	0.126	0.118	0.067	0.103
PC125099-008-200	1.250	0.990	0.083	0.070	0.070	0.070
PC125104-009-200	1.250	1.037	0.094	0.088	0.055	0.070
PC131101-019-200	1.312	1.008	0.188	0.179	0.041	0.139
PC137108-012-200	1.375	1.080	0.126	0.118	0.067	0.103
PC137107-019-200	1.375	1.071	0.188	0.179	0.041	0.139
PC137116-009-200	1.375	1.162	0.094	0.088	0.055	0.070
PC143113-019-200	1.437	1.133	0.188	0.179	0.041	0.139
PC150120-012-200	1.500	1.205	0.126	0.118	0.067	0.103

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200

Piston **C**omposite Seal Style **200**

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
PC150120-019-200	1.500	1.196	0.188	0.179	0.041	0.139
PC150124-008-200	1.500	1.240	0.083	0.070	0.070	0.070
PC150129-009-200	1.500	1.287	0.094	0.088	0.055	0.070
PC156126-019-200	1.562	1.258	0.188	0.179	0.041	0.139
PC162119-017-200	1.625	1.192	0.165	0.153	0.100	0.139
PC162124-012-200	1.625	1.235	0.122	0.109	0.109	0.103
PC162132-019-200	1.625	1.321	0.188	0.179	0.041	0.139
PC162141-009-200	1.625	1.412	0.094	0.088	0.055	0.070
PC168138-019-200	1.687	1.383	0.188	0.179	0.041	0.139
PC175132-017-200	1.750	1.317	0.165	0.153	0.100	0.139
PC175136-012-200	1.750	1.360	0.122	0.109	0.109	0.103
PC175145-019-200	1.750	1.446	0.188	0.179	0.041	0.139
PC175147-009-200	1.750	1.473	0.094	0.088	0.055	0.070
PC187144-017-200	1.875	1.442	0.165	0.153	0.100	0.139
PC187148-012-200	1.875	1.483	0.122	0.109	0.109	0.103
PC187157-019-200	1.875	1.571	0.188	0.179	0.041	0.139
PC187160-012-200	1.875	1.598	0.126	0.120	0.060	0.103
PC200146-028-200-NYL	2.000	1.462	0.282	0.274	0.127	-.---
PC200151-028-200	2.000	1.512	0.281	0.272	0.070	0.210
PC200157-017-200	2.000	1.567	0.165	0.153	0.100	0.139
PC200160-013-200	2.000	1.606	0.129	0.115	0.115	0.103
PC200172-012-200	2.000	1.723	0.126	0.120	0.060	0.103
PC212164-028-200	2.125	1.637	0.281	0.272	0.070	0.210
PC212169-017-200	2.125	1.692	0.165	0.153	0.100	0.139
PC212173-013-200	2.125	1.733	0.129	0.115	0.115	0.103
PC225176-028-200	2.250	1.762	0.281	0.272	0.070	0.210
PC225182-017-200	2.250	1.817	0.165	0.153	0.100	0.139
PC225186-013-200	2.250	1.856	0.129	0.115	0.115	0.103
PC225194-012-200	2.250	1.937	0.126	0.120	0.060	0.103
PC237189-028-200	2.375	1.887	0.281	0.272	0.070	0.210
PC237194-017-200	2.375	1.942	0.165	0.153	0.100	0.139
PC237198-013-200	2.375	1.986	0.129	0.115	0.115	0.103
PC237210-012-200	2.375	2.098	0.126	0.120	0.060	0.103
PC250191-031-200-NYL	2.500	1.906	0.312	0.306	0.127	-.---
PC250196-028-200-NYL	2.500	1.962	0.282	0.274	0.127	-.---
PC250201-028-200	2.500	2.012	0.281	0.272	0.070	0.210
PC250207-017-200	2.500	2.067	0.165	0.153	0.100	0.139
PC250211-013-200	2.500	2.106	0.129	0.115	0.115	0.103
PC250222-012-200	2.500	2.223	0.126	0.120	0.060	0.103
PC262214-028-200	2.625	2.137	0.281	0.272	0.070	0.210

PC-200

Piston **C**omposite Seal Style **200**

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
PC262219-017-200	2.625	2.192	0.165	0.153	0.100	0.139
PC275226-028-200	2.750	2.262	0.281	0.272	0.070	0.210
PC275232-017-200	2.750	2.317	0.165	0.153	0.100	0.139
PC275235-016-200	2.750	2.348	0.157	0.150	0.090	0.139
PC275236-013-200	2.750	2.356	0.129	0.115	0.115	0.103
PC287238-028-200	2.875	2.387	0.281	0.272	0.070	0.210
PC287244-017-200	2.875	2.442	0.165	0.153	0.100	0.139
PC300241-031-200-NYL	3.000	2.408	0.312	0.306	0.127	-.---
PC300244-028-200-NYL	3.000	2.442	0.282	0.274	0.127	-.---
PC300251-028-200	3.000	2.512	0.281	0.272	0.070	0.210
PC300259-017-200	3.000	2.587	0.165	0.153	0.100	0.139
PC300260-016-200	3.000	2.603	0.157	0.150	0.090	0.139
PC300261-013-200	3.000	2.606	0.129	0.115	0.115	0.103
PC312264-028-200	3.125	2.637	0.281	0.272	0.070	0.210
PC312271-017-200	3.125	2.712	0.165	0.153	0.100	0.139
PC325264-025-200	3.250	2.640	0.248	0.232	0.136	0.210
PC325276-028-200	3.250	2.762	0.281	0.272	0.070	0.210
PC325285-016-200	3.250	2.853	0.157	0.150	0.090	0.139
PC325286-013-200	3.250	2.856	0.129	0.115	0.115	0.103
PC337289-028-200	3.375	2.887	0.281	0.272	0.070	0.210
PC350291-031-200-NYL	3.500	2.908	0.312	0.306	0.127	-.---
PC350294-028-200-NYL	3.500	2.942	0.282	0.274	0.127	-.---
PC350289-025-200	3.500	2.890	0.248	0.232	0.136	0.210
PC350301-028-200	3.500	3.012	0.281	0.272	0.070	0.210
PC350310-016-200	3.500	3.103	0.157	0.150	0.090	0.139
PC350311-013-200	3.500	3.106	0.129	0.115	0.115	0.103
PC362314-028-200	3.625	3.137	0.281	0.272	0.070	0.210
PC375314-025-200	3.750	3.140	0.248	0.232	0.136	0.210
PC375326-028-200	3.750	3.262	0.281	0.272	0.070	0.210
PC375335-016-200	3.750	3.353	0.157	0.150	0.090	0.139
PC375336-013-200	3.750	3.356	0.129	0.115	0.115	0.103
PC387339-028-200	3.875	3.387	0.281	0.272	0.070	0.210
PC400341-031-200-NYL	4.000	3.408	0.312	0.306	0.127	-.---
PC400344-028-200-NYL	4.000	3.442	0.282	0.274	0.127	-.---
PC400339-025-200	4.000	3.390	0.248	0.232	0.136	0.210
PC400351-028-200	4.000	3.512	0.281	0.272	0.070	0.210
PC400360-016-200	4.000	3.603	0.157	0.150	0.090	0.139
PC400361-013-200	4.000	3.606	0.129	0.115	0.115	0.103
PC412364-028-200	4.125	3.640	0.281	0.272	0.070	0.210
PC425364-025-200	4.250	3.640	0.248	0.232	0.136	0.210

PC-200

Piston **C**omposite Seal Style **200**

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
PC425376-028-200	4.250	3.762	0.281	0.272	0.070	0.210
PC425385-016-200	4.250	3.853	0.157	0.150	0.090	0.139
PC425386-013-200	4.250	3.856	0.129	0.115	0.115	0.103
PC450391-031-200-NYL	4.500	3.908	0.312	0.306	0.127	-.---
PC450394-028-200-NYL	4.500	3.942	0.282	0.274	0.127	-.---
PC450389-025-200	4.500	3.890	0.248	0.232	0.136	0.210
PC450401-028-200	4.500	4.012	0.281	0.272	0.070	0.210
PC450410-016-200	4.500	4.103	0.157	0.150	0.090	0.139
PC450411-013-200	4.500	4.106	0.129	0.115	0.115	0.103
PC462414-028-200	4.625	4.137	0.281	0.272	0.070	0.210
PC475414-025-200	4.750	4.140	0.248	0.232	0.136	0.210
PC475426-028-200	4.750	4.262	0.281	0.272	0.070	0.210
PC475435-016-200	4.750	4.353	0.157	0.150	0.090	0.139
PC475436-013-200	4.750	4.356	0.129	0.115	0.115	0.103
PC487439-028-200	4.875	4.387	0.281	0.272	0.070	0.210
PC500424-038-200-NYL	5.000	4.240	0.377	0.370	0.127	-.---
PC500444-028-200-NYL	5.000	4.442	0.282	0.274	0.127	-.---
PC500439-025-200	5.000	4.390	0.248	0.232	0.136	0.210
PC500451-028-200	5.000	4.512	0.281	0.272	0.070	0.210
PC500460-016-200	5.000	4.603	0.157	0.150	0.090	0.139
PC500461-013-200	5.000	4.606	0.129	0.115	0.115	0.103
PC512447-037-200	5.125	4.469	0.375	0.366	0.104	0.275
PC525442-032-200	5.250	4.423	0.319	0.311	0.187	0.275
PC525459-037-200	5.250	4.594	0.375	0.366	0.104	0.275
PC525485-016-200	5.250	4.853	0.157	0.150	0.090	0.139
PC525486-013-200	5.250	4.856	0.129	0.115	0.115	0.103
PC537472-037-200	5.375	4.719	0.375	0.366	0.104	0.275
PC550474-038-200-NYL	5.500	4.740	0.377	0.370	0.127	-.---
PC550467-032-200	5.500	4.673	0.319	0.311	0.187	0.275
PC550484-037-200	5.500	4.844	0.375	0.366	0.104	0.275
PC550510-016-200	5.500	5.103	0.157	0.150	0.090	0.139
PC550511-013-200	5.500	5.106	0.129	0.115	0.115	0.103
PC562497-037-200	5.625	4.969	0.375	0.366	0.104	0.275
PC575493-032-200	5.750	4.927	0.319	0.311	0.187	0.275
PC575509-037-200	5.750	5.094	0.375	0.366	0.104	0.275
PC575535-016-200	5.750	5.353	0.157	0.150	0.090	0.139
PC575523-016-200	5.750	5.232	0.159	0.143	0.143	0.139
PC587522-037-200	5.875	5.219	0.375	0.366	0.104	0.275
PC587536-016-200	5.875	5.357	0.159	0.143	0.143	0.139
PC600524-038-200-NYL	6.000	5.240	0.377	0.370	0.127	-.---

PC-200

Piston Composite Seal Style 200

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
PC600517-032-200	6.000	5.173	0.319	0.311	0.187	0.275
PC600530-029-200	6.000	5.305	0.293	0.287	0.120	0.275
PC600534-037-200	6.000	5.344	0.375	0.366	0.104	0.275
PC600548-016-200	6.000	5.482	0.159	0.143	0.143	0.139
PC612547-037-200	6.125	5.469	0.375	0.366	0.104	0.275
PC612561-016-200	6.125	5.607	0.159	0.143	0.143	0.139
PC625542-032-200	6.250	5.423	0.319	0.311	0.187	0.275
PC625559-037-200	6.250	5.594	0.375	0.366	0.104	0.275
PC625573-016-200	6.250	5.732	0.159	0.143	0.143	0.139
PC637572-037-200	6.375	5.719	0.375	0.366	0.104	0.275
PC650574-038-200-NYL	6.500	5.740	0.377	0.370	0.127	-.---
PC650567-032-200	6.500	5.673	0.319	0.311	0.187	0.275
PC650584-037-200	6.500	5.844	0.375	0.366	0.104	0.275
PC650598-016-200	6.500	5.982	0.159	0.143	0.143	0.139
PC662597-037-200	6.625	5.969	0.375	0.366	0.104	0.275
PC675592-032-200	6.750	5.923	0.319	0.311	0.187	0.275
PC675609-037-200	6.750	6.094	0.375	0.366	0.104	0.275
PC675623-016-200	6.750	6.232	0.159	0.143	0.143	0.139
PC700617-032-200	7.000	6.173	0.319	0.311	0.187	0.275
PC700624-038-200-NYL	7.000	6.240	0.377	0.370	0.127	-.---
PC700630-029-200	7.000	6.305	0.293	0.287	0.120	0.275
PC700634-037-200	7.000	6.344	0.375	0.366	0.104	0.275
PC700648-016-200	7.000	6.482	0.159	0.143	0.143	0.139
PC725642-032-200	7.250	6.423	0.319	0.311	0.187	0.275
PC725659-037-200	7.250	6.594	0.375	0.366	0.104	0.275
PC725673-016-200	7.250	6.732	0.159	0.143	0.143	0.139
PC750667-032-200	7.500	6.673	0.319	0.311	0.187	0.275
PC750674-038-200-NYL	7.500	6.740	0.377	0.370	0.127	-.---
PC750684-037-200	7.500	6.844	0.375	0.366	0.104	0.275
PC750698-016-200	7.500	6.982	0.159	0.143	0.143	0.139
PC775692-032-200	7.750	6.923	0.319	0.311	0.187	0.275
PC775723-016-200	7.750	7.232	0.159	0.143	0.143	0.139
PC800717-032-200	8.000	7.173	0.319	0.311	0.187	0.275
PC800724-038-200-NYL	8.000	7.240	0.377	0.370	0.127	-.---
PC800734-037-200	8.000	7.344	0.375	0.366	0.104	0.275
PC800748-016-200	8.000	7.482	0.159	0.143	0.143	0.139
PC812761-016-200	8.125	7.607	0.159	0.143	0.143	0.139
PC825742-032-200	8.250	7.423	0.319	0.311	0.187	0.275
PC825773-016-200	8.250	7.732	0.159	0.143	0.143	0.139
PC850767-032-200	8.500	7.673	0.319	0.311	0.187	0.275

PC-200

Piston **C**omposite Seal Style **200**

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
PC850774-038-200-NYL	8.500	7.740	0.377	0.370	0.127	-.---
PC850784-037-200	8.500	7.844	0.375	0.366	0.104	0.275
PC850798-016-200	8.500	7.982	0.159	0.143	0.143	0.139
PC875792-032-200	8.750	7.923	0.319	0.311	0.187	0.275
PC900812-038-200-NYL	9.000	8.124	0.377	0.370	0.127	-.---
PC900817-032-200	9.000	8.173	0.319	0.311	0.187	0.275
PC900834-037-200	9.000	8.344	0.375	0.366	0.104	0.275
PC900848-016-200	9.000	8.482	0.159	0.143	0.143	0.139
PC925842-032-200	9.250	8.423	0.319	0.311	0.187	0.275
PC950862-038-200-NYL	9.500	8.624	0.377	0.370	0.127	-.---
PC950867-032-200	9.500	8.673	0.319	0.311	0.187	0.275
PC950884-037-200	9.500	8.844	0.375	0.366	0.104	0.275
PC950898-016-200	9.500	8.982	0.159	0.143	0.143	0.139
PC975892-032-200	9.750	8.923	0.319	0.311	0.187	0.275
PC1000912-038-200-NYL	10.000	9.124	0.377	0.370	0.127	-.---
PC1000917-032-200	10.000	9.173	0.319	0.311	0.187	0.275
PC1000934-037-200	10.000	9.344	0.375	0.366	0.104	0.275
PC1000948-016-200	10.000	9.482	0.159	0.143	0.143	0.139
PC1025942-032-200	10.250	9.423	0.319	0.311	0.187	0.275
PC1050967-032-200	10.500	9.673	0.319	0.311	0.187	0.275
PC1050998-016-200	10.500	9.982	0.159	0.143	0.143	0.139
PC1075992-032-200	10.750	9.923	0.319	0.311	0.187	0.275
PC11001017-032-200	11.000	10.173	0.319	0.311	0.187	0.275
PC11001048-016-200	11.000	10.482	0.159	0.143	0.143	0.139
PC11251042-032-200	11.250	10.423	0.319	0.311	0.187	0.275
PC11501067-032-200	11.500	10.673	0.319	0.311	0.187	0.275
PC11501098-016-200	11.500	10.982	0.159	0.143	0.143	0.139
PC11751092-032-200	11.750	10.923	0.319	0.311	0.187	0.275
PC12001117-032-200	12.000	11.173	0.319	0.311	0.187	0.275
PC12001134-037-200	12.000	11.344	0.375	0.366	0.104	0.275
PC12001148-016-200	12.000	11.482	0.159	0.143	0.143	0.139
PC12251142-032-200	12.250	11.423	0.319	0.311	0.187	0.275
PC12501167-032-200	12.500	11.673	0.319	0.311	0.187	0.275
PC12501198-016-200	12.500	11.982	0.159	0.143	0.143	0.139
PC12751192-032-200	12.750	11.923	0.319	0.311	0.187	0.275
PC13001203-032-200	13.000	12.035	0.319	0.311	0.256	0.275
PC13001248-016-200	13.000	12.482	0.159	0.143	0.143	0.139
PC13501254-032-200	13.500	12.535	0.319	0.311	0.256	0.275
PC14001304-032-200	14.000	13.035	0.319	0.311	0.256	0.275
PC14001348-016-200	14.000	13.482	0.159	0.143	0.143	0.139

PC-200

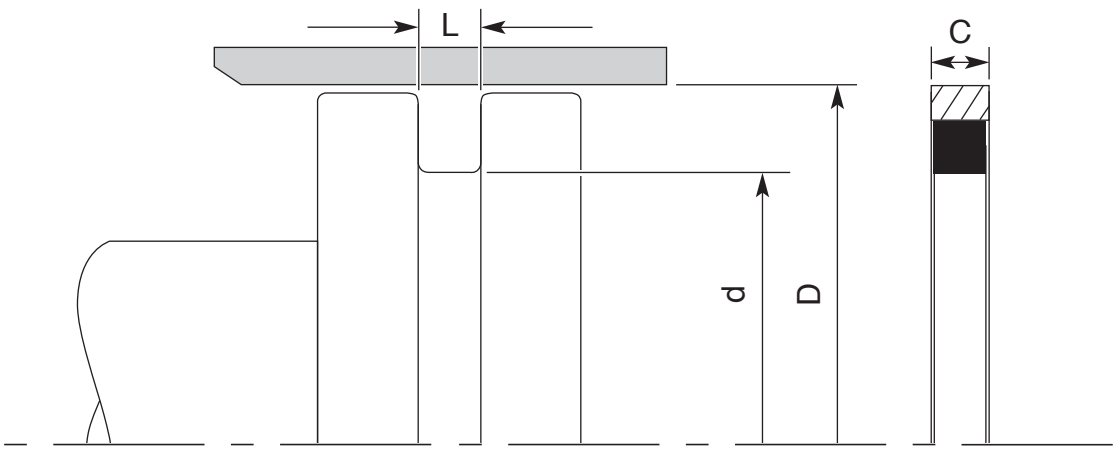
Piston **C**omposite Seal Style **200**

Imperial Range (inches)

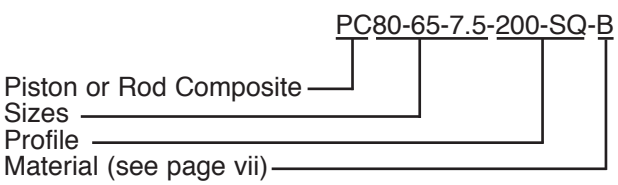
Part Number	D	d	L	C	c/s	O-ring c/s
PC14501354-032-200	14.500	13.535	0.319	0.311	0.256	0.275
PC15001404-032-200	15.000	14.035	0.319	0.311	0.256	0.275
PC15501454-032-200	15.500	14.535	0.319	0.311	0.256	0.275
PC16001504-032-200	16.000	15.035	0.319	0.311	0.256	0.275
PC16501554-032-200	16.500	15.535	0.319	0.311	0.256	0.275
PC17001604-032-200	17.000	16.035	0.319	0.311	0.256	0.275

PC-200-SQ

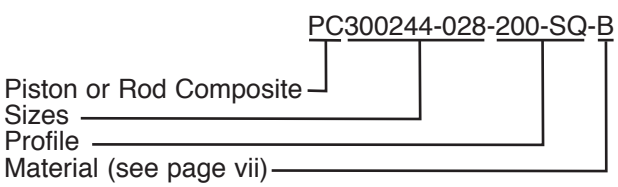
Piston **C**omposite Seal Style **200** with **SQ**uare section Energiser



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤350 bar
Working Temperature	-30 to +100°C*
Surface Speed	≤1.5 m/s

* Up to 200°C depending on energiser material.

The above values are maximum values and cannot be applied at the same time.

The PC-200-SQ is a double acting seal consisting of a PTFE sleeve and a square elastomer energiser.
The PTFE sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

PC-200-SQ

Piston **C**omposite Seal Style **200** with **SQ**uare section Energiser

Metric Range (mm)

Part Number	D	d	L	C
PC30-20.5-4.5-200-SQ	30.00	20.50	4.50	4.30
PC31.5-22-4.5-200-SQ	31.50	22.00	4.50	4.30
PC32-22.5-4.5-200-SQ	32.00	22.50	4.50	4.30
PC35-25.5-4.5-200-SQ	35.00	25.50	4.50	4.30
PC35.5-26-4.5-200-SQ	35.50	26.00	4.50	4.30
PC40-30-4.5-200-SQ	40.00	30.00	4.50	4.30
PC45-35-4.5-200-SQ	45.00	35.00	4.50	4.30
PC50-35-7.5-200-SQ	50.00	35.00	7.50	7.30
PC50-40-4.5-200-SQ	50.00	40.00	4.50	4.30
PC55-40-7.5-200-SQ	55.00	40.00	7.50	7.30
PC55-45-4.5-200-SQ	55.00	45.00	4.50	4.30
PC56-41-7.5-200-SQ	56.00	41.00	7.50	7.30
PC56-46-4.5-200-SQ	56.00	46.00	4.50	4.30
PC60-45-7.5-200-SQ	60.00	45.00	7.50	7.30
PC60-50-4.5-200-SQ	60.00	50.00	4.50	4.30
PC63-48-7.5-200-SQ	63.00	48.00	7.50	7.30
PC65-50-7.5-200-SQ	65.00	50.00	7.50	7.30
PC69-54-7.5-200-SQ	69.00	54.00	7.50	7.30
PC70-55-7.5-200-SQ	70.00	55.00	7.50	7.30
PC71-56-7.5-200-SQ	71.00	56.00	7.50	7.30
PC75-60-7.5-200-SQ	75.00	60.00	7.50	7.30
PC80-60-10-200-SQ	80.00	60.00	10.00	9.40
PC80-65-7.5-200-SQ	80.00	65.00	7.50	7.30
PC85-70-7.5-200-SQ	85.00	70.00	7.50	7.30
PC90-70-10-200-SQ	90.00	70.00	10.00	9.40
PC90-75-7.5-200-SQ	90.00	75.00	7.50	7.30
PC95-80-7.5-200-SQ	95.00	80.00	7.50	7.30
PC100-80-10-200-SQ	100.00	80.00	10.00	9.40
PC100-85-7.5-200-SQ	100.00	85.00	7.50	7.30
PC108-92-7.5-200-SQ	108.00	92.00	7.50	7.30
PC110-90-10-200-SQ	110.00	90.00	10.00	9.40
PC110-94-7.5-200-SQ	110.00	94.00	7.50	7.30
PC112-96-7.5-200-SQ	112.00	96.00	7.50	7.30
PC115-95-10-200-SQ	115.00	95.00	10.00	9.40
PC120-104-7.5-200-SQ	120.00	104.00	7.50	7.30
PC125-105-10-200-SQ	125.00	105.00	10.00	9.40
PC125-109-7.5-200-SQ	125.00	109.00	7.50	7.30
PC130-114-7.5-200-SQ	130.00	114.00	7.50	7.30
PC140-120-10-200-SQ	140.00	120.00	10.00	9.40
PC140-124-7.5-200-SQ	140.00	124.00	7.50	7.30

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200-SQ

Piston **C**omposite Seal Style **200** with **SQ**uare section Energiser

Metric Range (mm)

Part Number	D	d	L	C
PC145-129-7.5-200-SQ	145.00	129.00	7.50	7.30
PC150-125-12.5-200-SQ	150.00	125.00	12.50	11.70
PC150-134-7.5-200-SQ	150.00	134.00	7.50	7.30
PC155-139-7.5-200-SQ	155.00	139.00	7.50	7.30
PC160-135-12.5-200-SQ	160.00	135.00	12.50	11.70
PC160-144-7.5-200-SQ	160.00	144.00	7.50	7.30
PC170-145-12.5-200-SQ	170.00	145.00	12.50	11.70
PC170-148-11-200-SQ	170.00	148.00	11.00	10.80
PC180-155-12.5-200-SQ	180.00	155.00	12.50	11.70
PC180-158-11-200-SQ	180.00	158.00	11.00	10.80
PC190-165-12.5-200-SQ	190.00	165.00	12.50	11.70
PC190-168-11-200-SQ	190.00	168.00	11.00	10.80
PC200-175-12.5-200-SQ	200.00	175.00	12.50	11.70
PC200-178-11-200-SQ	200.00	178.00	11.00	10.80
PC204-182-11-200-SQ	204.00	182.00	11.00	10.80
PC210-185-12.5-200-SQ	210.00	185.00	12.50	11.70
PC210-188-11-200-SQ	210.00	188.00	11.00	10.80
PC220-195-12.5-200-SQ	220.00	195.00	12.50	11.70
PC220-198-11-200-SQ	220.00	198.00	11.00	10.80
PC224-202-11-200-SQ	224.00	202.00	11.00	10.80
PC225-203-11-200-SQ	225.00	203.00	11.00	10.80
PC230-205-12.5-200-SQ	230.00	205.00	12.50	11.70
PC230-208-11-200-SQ	230.00	208.00	11.00	10.80
PC240-215-12.5-200-SQ	240.00	215.00	12.50	11.70
PC240-218-11-200-SQ	240.00	218.00	11.00	10.80
PC245-215-15-200-SQ	245.00	215.00	15.00	14.00
PC250-220-15-200-SQ	250.00	220.00	15.00	14.00
PC250-228-11-200-SQ	250.00	228.00	11.00	10.80
PC260-230-15-200-SQ	260.00	230.00	15.00	14.00
PC260-236-12-200-SQ	260.00	236.00	12.00	11.70
PC270-240-15-200-SQ	270.00	240.00	15.00	14.00
PC270-246-12-200-SQ	270.00	246.00	12.00	11.70
PC280-250-15-200-SQ	280.00	250.00	15.00	14.00
PC280-256-12-200-SQ	280.00	256.00	12.00	11.70
PC290-260-15-200-SQ	290.00	260.00	15.00	14.00
PC290-266-12-200-SQ	290.00	266.00	12.00	11.70
PC300-270-15-200-SQ	300.00	270.00	15.00	14.00
PC300-276-12-200-SQ	300.00	276.00	12.00	11.70
PC310-280-15-200-SQ	310.00	280.00	15.00	14.00
PC310-286-12-200-SQ	310.00	286.00	12.00	11.70

PC-200-SQ

Piston **C**omposite Seal Style **200** with **SQ**uare section Energiser

Metric Range (mm)

Part Number	D	d	L	C
PC320-290-15-200-SQ	320.00	290.00	15.00	14.00
PC320-296-12-200-SQ	320.00	296.00	12.00	11.70
PC330-300-15-200-SQ	330.00	300.00	15.00	14.00
PC340-310-15-200-SQ	340.00	310.00	15.00	14.00
PC350-320-15-200-SQ	350.00	320.00	15.00	14.00
PC360-330-15-200-SQ	360.00	330.00	15.00	14.00
PC370-340-15-200-SQ	370.00	340.00	15.00	14.00
PC380-350-15-200-SQ	380.00	350.00	15.00	14.00
PC390-360-15-200-SQ	390.00	360.00	15.00	14.00
PC400-370-15-200-SQ	400.00	370.00	15.00	14.00
PC500-470-15-200-SQ	500.00	470.00	15.00	14.00
PC520-485-17.5-200-SQ	520.00	485.00	17.50	16.40
PC760-725-17.5-200-SQ	760.00	725.00	17.50	16.40
PC770-730-20-200-SQ	770.00	730.00	20.00	18.70

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200-SQ

Piston **C**omposite Seal Style **200** with **SQ**uare section Energiser

Imperial Range (inches)

Part Number	D	d	L	C
PC100069-013-200-SQ	1.000	0.690	0.129	0.116-0.121
PC112081-013-200-SQ	1.125	0.812	0.129	0.116-0.121
PC125094-013-200-SQ	1.250	0.940	0.129	0.116-0.121
PC150119-013-200-SQ	1.500	1.190	0.129	0.116-0.121
PC175144-013-200-SQ	1.750	1.440	0.129	0.116-0.121
PC200169-013-200-SQ	2.000	1.690	0.129	0.116-0.121
PC225194-013-200-SQ	2.250	1.940	0.129	0.116-0.121
PC250219-013-200-SQ	2.500	2.190	0.129	0.116-0.121
PC275219-028-200-SQ	2.750	2.190	0.284	0.269-0.274
PC275244-013-200-SQ	2.750	2.440	0.129	0.116-0.121
PC300244-028-200-SQ	3.000	2.440	0.284	0.269-0.274
PC325269-028-200-SQ	3.250	2.690	0.284	0.269-0.274
PC350294-028-200-SQ	3.500	2.940	0.284	0.269-0.274
PC375319-028-200-SQ	3.750	3.190	0.284	0.269-0.274
PC400344-028-200-SQ	4.000	3.440	0.284	0.269-0.274
PC425369-028-200-SQ	4.250	3.690	0.284	0.269-0.274
PC450394-028-200-SQ	4.500	3.940	0.284	0.269-0.274
PC475419-028-200-SQ	4.750	4.190	0.284	0.269-0.274
PC500444-028-200-SQ	5.000	4.440	0.284	0.269-0.274
PC525449-038-200-SQ	5.250	4.488	0.379	0.362-0.367
PC550474-038-200-SQ	5.500	4.738	0.379	0.362-0.367
PC562486-038-200-SQ	5.625	4.863	0.379	0.362-0.367
PC575499-038-200-SQ	5.750	4.988	0.379	0.362-0.367
PC600524-038-200-SQ	6.000	5.238	0.379	0.362-0.367
PC625549-038-200-SQ	6.250	5.488	0.379	0.362-0.367
PC650574-038-200-SQ	6.500	5.738	0.379	0.362-0.367
PC675499-038-200-SQ	6.750	5.988	0.379	0.362-0.367
PC700624-038-200-SQ	7.000	6.238	0.379	0.362-0.367
PC725649-038-200-SQ	7.250	6.488	0.379	0.362-0.367
PC750674-038-200-SQ	7.500	6.738	0.379	0.362-0.367
PC800724-038-200-SQ	8.000	7.238	0.379	0.362-0.367
PC825749-038-200-SQ	8.250	7.488	0.379	0.362-0.367
PC850774-038-200-SQ	8.500	7.738	0.379	0.362-0.367
PC900812-038-200-SQ	9.000	8.122	0.379	0.362-0.367
PC950862-038-200-SQ	9.500	8.622	0.379	0.362-0.367
PC1000912-038-200-SQ	10.000	9.122	0.379	0.362-0.367
PC1050962-038-200-SQ	10.500	9.622	0.379	0.362-0.367
PC11001012-038-200-SQ	11.000	10.122	0.379	0.362-0.367
PC12001112-038-200-SQ	12.000	11.122	0.379	0.362-0.367
PC13001212-038-200-SQ	13.000	12.122	0.379	0.362-0.367

PC-200-SQ

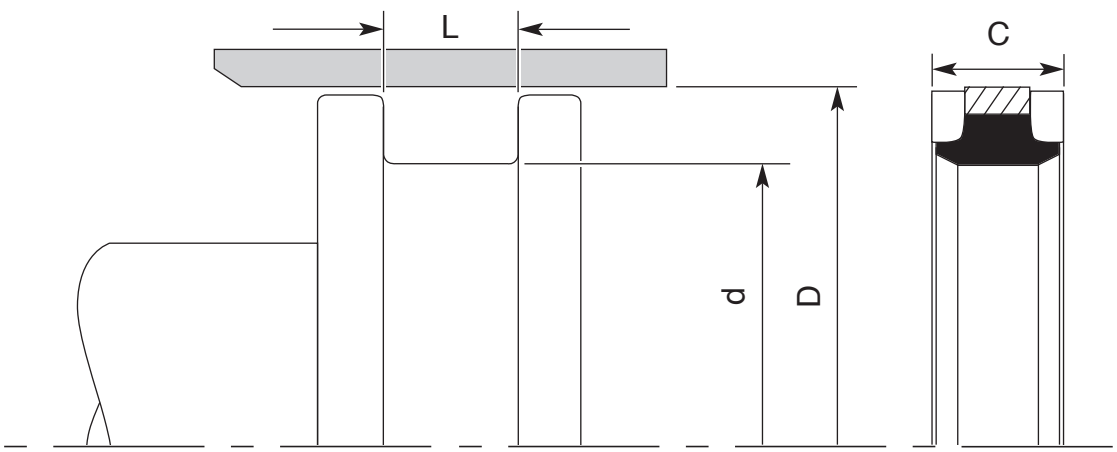
Piston **C**omposite Seal Style **200** with **SQ**uare section Energiser

Imperial Range (inches)

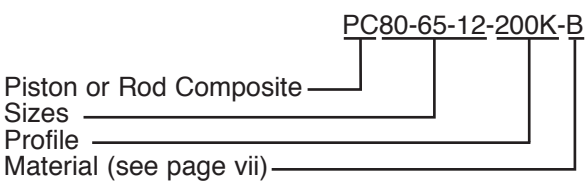
Part Number	D	d	L	C
PC14001312-038-200-SQ	14.000	13.122	0.379	0.362-0.367

PC-200K

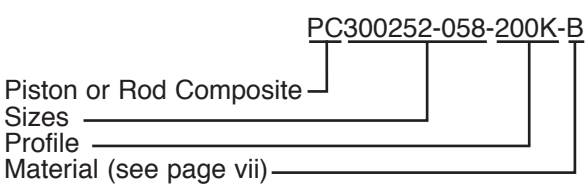
Four Piece **P**iston **C**omposite Seal Style **200K**



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤500bar
Working Temperature	-30 to +100°C
Surface Speed	≤1.5 m/s

The above values are maximum values and cannot be applied at the same time.

The PC-200K is a double acting seal consisting of a PTFE sleeve, an elastomer energiser and two polyacetal anti-extrusion rings.
The PTFE sleeve is generally manufactured from bronze filled PTFE, however, it is also available in Glass filled PTFE and Polyurethane.

PC-200K

Four Piece **P**iston **C**omposite Seal Style **200K**

Metric Range (mm)

Part Number	D	d	L	C
PC40-30-8-200K-B	40.0	30.0	8.0	7.5
PC50-36-9-200K-B	50.0	36.0	9.0	8.5
PC50-36-9-200K-P	50.0	36.0	9.0	8.5
PC50-38-11.5-200K-P	50.0	38.0	11.5	11.0
PC50-40-8-200K-B	50.0	40.0	8.0	7.5
PC55-41-9-200K-B	55.0	41.0	9.0	8.5
PC55-41-9-200K-P	55.0	41.0	9.0	8.5
PC60-44-20.5-200K-P	60.0	44.0	20.5	20.0
PC60-46-9-200K-B	60.0	46.0	9.0	8.5
PC60-46-9-200K-P	60.0	46.0	9.0	8.5
PC60-50-8-200K-B	60.0	50.0	8.0	7.5
PC63-48-11-200K-B	63.0	48.0	11.0	10.5
PC63-48-11-200K-P	63.0	48.0	11.0	10.5
PC63-50-14.5-200K-P	63.0	50.0	14.5	14.0
PC63-53-8-200K-B	63.0	53.0	8.0	7.5
PC63-53.8-10.8-200K-B	63.0	53.8	10.8	10.3
PC65-50-11-200K-B	65.0	50.0	11.0	10.5
PC65-50-11-200K-P	65.0	50.0	11.0	10.5
PC70-55-11-200K-B	70.0	55.0	11.0	10.5
PC70-55-11-200K-P	70.0	55.0	11.0	10.5
PC70-60-8-200K-B	70.0	60.0	8.0	7.5
PC70-60-11-200K-B	70.0	60.0	11.0	10.5
PC75-55-23-200K-P	75.0	55.0	23.0	22.5
PC75-60-11-200K-B	75.0	60.0	11.0	10.5
PC75-60-11-200K-P	75.0	60.0	11.0	10.5
PC75-63-9.1-200K-B	75.0	63.0	9.1	8.6
PC80-65-11-200K-B	80.0	65.0	11.0	10.5
PC80-65-11-200K-P	80.0	65.0	11.0	10.5
PC80-65-12-200K-B	80.0	65.0	12.0	11.5
PC80-66-17-200K-P	80.0	66.0	17.0	10.5
PC80-67.7-14.7-200K-B	80.0	67.7	14.7	14.2
PC85-70-11-200K-B	85.0	70.0	11.0	10.5
PC85-70-11-200K-P	85.0	70.0	11.0	10.5
PC90-75-11-200K-B	90.0	75.0	11.0	10.5
PC90-75-11-200K-P	90.0	75.0	11.0	10.5
PC90-75-12-200K-B	90.0	75.0	12.0	11.5
PC90-75-13.5-200K-P	90.0	75.0	13.5	13.0
PC95-80-11-200K-B	95.0	80.0	11.0	10.5
PC95-80-11-200K-P	95.0	80.0	11.0	10.5
PC95-80-12.5-200K-B	95.0	80.0	12.5	12.0

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200K

Four Piece **P**iston **C**omposite Seal Style **200K**

Metric Range (mm)

Part Number	D	d	L	C
PC100-82-22.5-200K-P	100.0	82.0	22.5	22.0
PC100-85-12.5-200K-B	100.0	85.0	12.5	12.0
PC100-85-12.5-200K-P	100.0	85.0	12.5	12.0
PC100-85-13.5-200K-P	100.0	85.0	13.5	13.0
PC100-87.7-14.7-200K-B	100.0	87.7	14.7	14.2
PC105-80-22.5-200K-P	105.0	80.0	22.5	22.0
PC105-90-12.5-200K-B	105.0	90.0	12.5	12.0
PC105-90-12.5-200K-P	105.0	90.0	12.5	12.0
PC105-91-16.5-200K-P	105.0	91.0	16.5	16.0
PC110-95-12.5-200K-B	110.0	95.0	12.5	12.0
PC110-95-12.5-200K-P	110.0	95.0	12.5	12.0
PC110-95-16-200K-P	110.0	95.0	16.0	15.5
PC110-97.7-14.7-200K-B	110.0	97.7	14.7	14.2
PC115-90-21-200K-B	115.0	90.0	21.0	20.5
PC115-100-12.5-200K-B	115.0	100.0	12.5	12.0
PC115-100-12.5-200K-P	115.0	100.0	12.5	12.0
PC115-100-16-200K-P	115.0	100.0	16.0	15.5
PC120-100-16-200K-B	120.0	100.0	16.0	15.5
PC120-105-12.5-200K-B	120.0	105.0	12.5	12.0
PC120-105-12.5-200K-P	120.0	105.0	12.5	12.0
PC120-105-16-200K-P	120.0	105.0	16.0	15.5
PC125-102-16-200K-B	125.0	102.0	16.0	15.5
PC125-102-16-200K-P	125.0	102.0	16.0	15.5
PC125-105-16-200K-B	125.0	105.0	16.0	15.5
PC125-110-15.8-200K-P	125.0	110.0	15.8	15.3
PC125-112.7-14.7-200K-B	125.0	112.7	14.7	14.2
PC130-107-16-200K-B	130.0	107.0	16.0	15.5
PC130-107-16-200K-P	130.0	107.0	16.0	15.5
PC135-112-16-200K-B	135.0	112.0	16.0	15.5
PC135-112-16-200K-P	135.0	112.0	16.0	15.5
PC135-118-20.5-200K-P	135.0	118.0	20.5	20.0
PC135-120-16-200K-P	135.0	120.0	16.0	15.5
PC140-117-16-200K-B	140.0	117.0	16.0	15.5
PC140-117-16-200K-P	140.0	117.0	16.0	15.5
PC140-120-16-200K-B	140.0	120.0	16.0	15.5
PC140-121.5-19-200K-B	140.0	121.5	19.0	18.5
PC140-125-16-200K-B	140.0	125.0	16.0	15.5
PC145-122-16-200K-B	145.0	122.0	16.0	15.5
PC145-122-16-200K-P	145.0	122.0	16.0	15.5
PC150-127-16-200K-B	150.0	127.0	16.0	15.5

PC-200K

Four Piece **P**iston **C**omposite Seal Style **200K**

Metric Range (mm)

Part Number	D	d	L	C
PC150-127-16-200K-P	150.0	127.0	16.0	15.5
PC150-130-16-200K-P	150.0	130.0	16.0	15.5
PC150-131.5-19-200K-B	150.0	131.5	19.0	18.5
PC150-135-16-200K-P	150.0	135.0	16.0	15.5
PC155-132-16-200K-B	155.0	132.0	16.0	15.5
PC155-132-16-200K-P	155.0	132.0	16.0	15.5
PC160-137-16-200K-B	160.0	137.0	16.0	15.5
PC160-137-16-200K-P	160.0	137.0	16.0	15.5
PC160-140-16-200K-B	160.0	140.0	16.0	15.5
PC160-141.5-19-200K-B	160.0	141.5	19.0	18.5
PC160-145-16-200K-P	160.0	145.0	16.0	15.5
PC165-142-16-200K-B	165.0	142.0	16.0	15.5
PC165-142-16-200K-P	165.0	142.0	16.0	15.5
PC165-145-20-200K-P	165.0	145.0	20.0	19.5
PC165-150-16-200K-P	165.0	150.0	16.0	15.5
PC170-145-25-200K-P	170.0	145.0	25.0	24.5
PC170-147-16-200K-B	170.0	147.0	16.0	15.5
PC170-147-16-200K-P	170.0	147.0	16.0	15.5
PC170-150-16-200K-P	170.0	150.0	16.0	15.5
PC170-151.5-19-200K-B	170.0	151.5	19.0	18.5
PC175-155-16-200K-P	175.0	155.0	16.0	15.5
PC180-157-16-200K-B	180.0	157.0	16.0	15.5
PC180-157-16-200K-P	180.0	157.0	16.0	15.5
PC180-160-16-200K-B	180.0	160.0	16.0	15.5
PC180-160-16-200K-P	180.0	160.0	16.0	15.5
PC180-161.5-19-200K-B	180.0	161.5	19.0	18.5
PC185-162-16-200K-B	185.0	162.0	16.0	15.5
PC185-165-16-200K-P	185.0	165.0	16.0	15.5
PC190-167-16-200K-B	190.0	167.0	16.0	15.5
PC190-170-16-200K-P	190.0	170.0	16.0	15.5
PC195-175-16-200K-P	195.0	175.0	16.0	15.5
PC200-177-16-200K-B	200.0	177.0	16.0	15.5
PC200-180-16-200K-P	200.0	180.0	16.0	15.5
PC200-180-20-200K-P	200.0	180.0	20.0	19.5
PC200-181.5-19-200K-B	200.0	181.5	19.0	18.5
PC210-190-16-200K-P	210.0	190.0	16.0	15.5
PC215-195-16-200K-P	215.0	195.0	16.0	15.5
PC215-195-20-200K-P	215.0	195.0	20.0	19.5
PC220-195-16-200K-P	220.0	195.0	16.0	15.5
PC220-195-20-200K-P	220.0	195.0	20.0	19.5

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200K

Four Piece **P**iston **C**omposite Seal Style **200K**

Metric Range (mm)

Part Number	D	d	L	C
PC220-200-16-200K-B	220.0	200.0	16.0	15.5
PC220-200-20.5-200K-P	220.0	200.0	20.5	20.0
PC225-202-16-200K-B	225.0	202.0	16.0	15.5
PC225-205-16-200K-P	225.0	205.0	16.0	15.5
PC225-205-20-200K-P	225.0	205.0	20.0	19.5
PC230-210-16-200K-P	230.0	210.0	16.0	15.5
PC230-210-20-200K-P	230.0	210.0	20.0	19.5
PC240-215-25-200K-P	240.0	215.0	25.0	24.5
PC245-220-25-200K-P	245.0	220.0	25.0	24.5
PC250-222-17.5-200K-B	250.0	222.0	17.5	17.0
PC250-225-25-200K-P	250.0	225.0	25.0	24.5
PC250-231.5-19-200K-B	250.0	231.5	19.0	18.5
PC260-230-30-200K-P	260.0	230.0	30.0	29.5
PC260-232-17.5-200K-B	260.0	232.0	17.5	17.0
PC260-235-25-200K-P	260.0	235.0	25.0	24.5
PC280-252-17.5-200K-B	280.0	252.0	17.5	17.0
PC280-255-25-200K-P	280.0	255.0	25.0	24.5
PC280-260-16-200K-B	280.0	260.0	16.0	15.5
PC300-272-17.5-200K-B	300.0	272.0	17.5	17.0
PC300-275-25-200K-P	300.0	275.0	25.0	24.5
PC310-285-25-200K-P	310.0	285.0	25.0	24.5
PC320-290-30-200K-P	320.0	290.0	30.0	29.5
PC350-320-30-200K-P	350.0	320.0	30.0	29.5
PC350-322-17.5-200K-B	350.0	322.0	17.5	17.0

PC-200K

Four Piece **P**iston **C**omposite Seal Style **200K**

Imperial Range (inches)

Part Number	D	d	L
PC100062-042-200K-B	1.000	0.625	0.424
PC106069-042-200K-B	1.062	0.690	0.424
PC112075-042-200K-B	1.125	0.750	0.424
PC131094-042-200K-B	1.313	0.940	0.424
PC137100-042-200K-B	1.375	1.000	0.424
PC143106-042-200K-B	1.437	1.062	0.424
PC150112-042-200K-B	1.500	1.127	0.424
PC156119-042-200K-B	1.563	1.190	0.424
PC162125-042-200K-B	1.625	1.125	0.424
PC175137-042-200K-B	1.750	1.375	0.424
PC187150-042-200K-B	1.875	1.500	0.424
PC200162-042-200K-B	2.000	1.625	0.424
PC212175-042-200K-B	2.125	1.750	0.424
PC225187-042-200K-B	2.250	1.875	0.424
PC237200-042-200K-B	2.375	2.000	0.424
PC250212-042-200K-B	2.500	2.125	0.424
PC262225-042-200K-B	2.625	2.250	0.424
PC275237-042-200K-B	2.750	2.375	0.424
PC287250-042-200K-B	2.875	2.500	0.424
PC300252-058-200K-B	3.000	2.520	0.579
PC312265-058-200K-B	3.125	2.647	0.579
PC325277-058-200K-B	3.250	2.772	0.579
PC337289-058-200K-B	3.375	2.897	0.579
PC350302-058-200K-B	3.500	3.022	0.579
PC362315-058-200K-B	3.625	3.147	0.579
PC375327-058-200K-B	3.750	3.272	0.579
PC387340-058-200K-B	3.875	3.397	0.579
PC400352-058-200K-B	4.000	3.522	0.579
PC412365-058-200K-B	4.125	3.647	0.579
PC425377-058-200K-B	4.250	3.772	0.579
PC437390-058-200K-B	4.375	3.897	0.579
PC450391-049-200K-B	4.500	3.909	0.492
PC450402-058-200K-B	4.500	4.022	0.579
PC462415-058-200K-B	4.625	4.147	0.579
PC475416-049-200K-B	4.750	4.159	0.492
PC475427-058-200K-B	4.750	4.272	0.579
PC487440-058-200K-B	4.875	4.397	0.579
PC500409-063-200K-B	5.000	4.094	0.630
PC500427-075-200K-B	5.000	4.274	0.750
PC512440-075-200K-B	5.125	4.399	0.750

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-200K

Four Piece **P**iston **C**omposite Seal Style **200K**

Imperial Range (inches)

Part Number	D	d	L
PC525452-075-200K-B	5.250	4.524	0.750
PC537465-075-200K-B	5.375	4.649	0.750
PC550459-063-200K-B	5.500	4.730	0.630
PC550477-075-200K-B	5.500	4.774	0.750
PC550502-058-200K-B	5.500	5.022	0.579
PC562490-075-200K-B	5.625	4.899	0.750
PC575502-075-200K-B	5.750	5.024	0.750
PC587515-075-200K-B	5.875	5.147	0.750
PC600509-063-200K-B	6.000	5.094	0.630
PC600527-075-200K-B	6.000	5.274	0.750
PC612540-075-200K-B	6.125	5.399	0.750
PC625534-063-200K-B	6.250	5.344	0.630
PC625552-075-200K-B	6.250	5.524	0.750
PC625577-058-200K-B	6.250	5.772	0.579
PC650559-063-200K-B	6.500	5.594	0.630
PC650577-075-200K-B	6.500	5.774	0.750
PC650602-058-200K-B	6.500	6.022	0.579
PC675602-075-200K-B	6.750	6.024	0.750
PC700609-063-200K-B	7.000	6.094	0.630
PC700627-075-200K-B	7.000	6.274	0.750
PC725634-063-200K-B	7.250	6.344	0.630
PC725652-075-200K-B	7.250	6.524	0.750
PC750659-063-200K-B	7.500	6.594	0.630
PC750677-075-200K-B	7.500	6.774	0.750
PC775684-063-200K-B	7.750	6.844	0.630
PC775702-075-200K-B	7.750	7.024	0.750
PC800727-075-200K-B	8.000	7.274	0.750
PC825734-063-200K-B	8.250	7.344	0.630
PC825752-075-200K-B	8.250	7.524	0.750
PC850759-063-200K-B	8.500	7.594	0.630
PC850777-075-200K-B	8.500	7.774	0.750
PC875802-075-200K-B	8.750	8.024	0.750
PC900827-075-200K-B	9.000	8.274	0.750
PC950877-075-200K-B	9.500	8.775	0.750
PC1000890-069-200K-B	10.000	8.898	0.687
PC1000927-075-200K-B	10.000	9.275	0.750
PC1050940-069-200K-B	10.500	9.398	0.687
PC1050977-075-200K-B	10.500	9.775	0.750
PC11001027-075-200K-B	11.000	10.275	0.750
PC11501040-069-200K-B	11.500	10.398	0.687

PC-200K

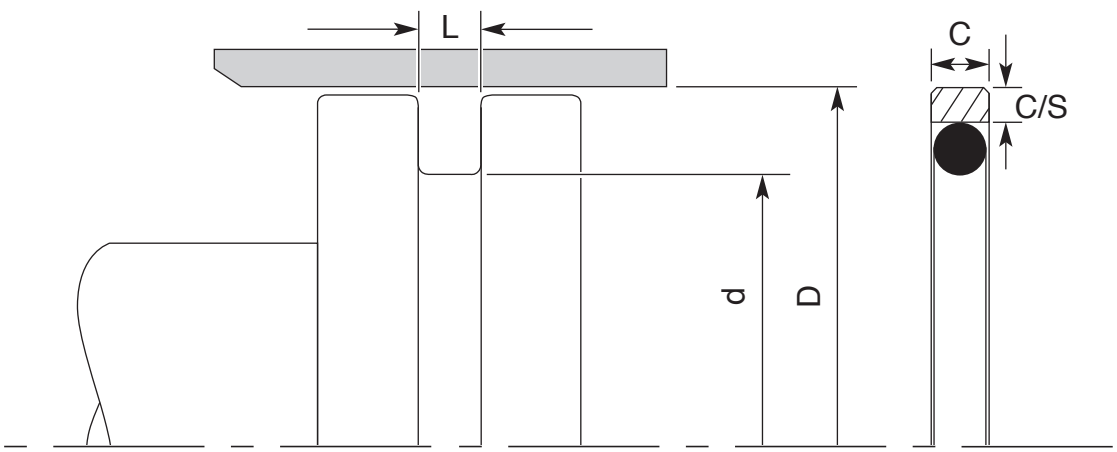
Four Piece **P**iston **C**omposite Seal Style **200K**

Imperial Range (inches)

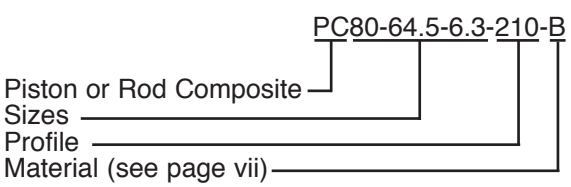
Part Number	D	d	L
PC11501077-075-200K-B	11.500	10.775	0.750
PC12001127-075-200K-B	12.000	11.275	0.750
PC12501177-075-200K-B	12.500	11.775	0.750
PC13001227-075-200K-B	13.000	12.275	0.750
PC13501277-075-200K-B	13.500	12.775	0.750
PC14001290-069-200K-B	14.000	12.898	0.687
PC14001327-075-200K-B	14.000	13.275	0.750
PC14501377-075-200K-B	14.500	13.775	0.750
PC15001427-075-200K-B	15.000	14.275	0.750
PC15501477-075-200K-B	15.500	14.775	0.750
PC16001527-075-200K-B	16.000	15.275	0.750

PC-210

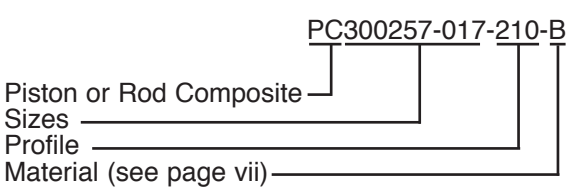
Piston Composite Seal Style 210



Part Number Explained



Part Number Explained



Operating Conditions	
Working Pressure	≤400bar*
Working Temperature	-30 to +100°C**
Surface Speed	≤8 m/s

* Up to 800 bar with reduced extrusion gap.
** Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The PC-210 is a double acting two part seal consisting of a chamfered PTFE sleeve and an elastomer energiser.
The PTFE outer sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

PC-210

Piston Composite Seal Style 210

Metric Range (mm)

Part Number	D	d	L	C	C/S	O-ring c/s
PC8-3.1-2.2-210	8.0	3.1	2.2	2.0	1.0	1.78
PC10-5.1-2.2-210	10.0	5.1	2.2	2.0	1.0	1.78
PC12-7.1-2.2-210	12.0	7.1	2.2	2.0	1.0	1.78
PC15-7.5-3.2-210	15.0	7.5	3.2	3.0	1.7	2.62
PC16-8.5-3.2-210	16.0	8.5	3.2	3.0	1.7	2.62
PC18-10.5-3.2-210	18.0	10.5	3.2	3.0	1.7	2.62
PC20-12.5-3.2-210	20.0	12.5	3.2	3.0	1.7	2.62
PC22-14.5-3.2-210	22.0	14.5	3.2	3.0	1.7	2.62
PC24-16.5-3.2-210	24.0	16.5	3.2	3.0	1.7	2.62
PC25-17.5-3.2-210	25.0	17.5	3.2	3.0	1.7	2.62
PC28-20.5-3.2-210	28.0	20.5	3.2	3.0	1.7	2.62
PC30-22.5-3.2-210	30.0	22.5	3.2	3.0	1.7	2.62
PC32-24.5-3.2-210	32.0	24.5	3.2	3.0	1.7	2.62
PC35-27.5-3.2-210	35.0	27.5	3.2	3.0	1.7	2.62
PC39-31.5-3.2-210	39.0	31.5	3.2	3.0	1.7	2.62
PC40-29-4.2-210	40.0	29.0	4.2	3.9	2.5	3.53
PC42-31-4.2-210	42.0	31.0	4.2	3.9	2.5	3.53
PC45-34-4.2-210	45.0	34.0	4.2	3.9	2.5	3.53
PC48-37-4.2-210	48.0	37.0	4.2	3.9	2.5	3.53
PC50-39-4.2-210	50.0	39.0	4.2	3.9	2.5	3.53
PC52-41-4.2-210	52.0	41.0	4.2	3.9	2.5	3.53
PC55-44-4.2-210	55.0	44.0	4.2	3.9	2.5	3.53
PC60-49-4.2-210	60.0	49.0	4.2	3.9	2.5	3.53
PC63-52-4.2-210	63.0	52.0	4.2	3.9	2.5	3.53
PC65-54-4.2-210	65.0	54.0	4.2	3.9	2.5	3.53
PC70-59-4.2-210	70.0	59.0	4.2	3.9	2.5	3.53
PC79-68-4.2-210	79.0	68.0	4.2	3.9	2.5	3.53
PC80-64.5-6.3-210	80.0	64.5	6.3	5.9	3.45	5.33
PC85-69.5-6.3-210	85.0	69.5	6.3	5.9	3.45	5.33
PC90-74.5-6.3-210	90.0	74.5	6.3	5.9	3.45	5.33
PC95-79.5-6.3-210	95.0	79.5	6.3	5.9	3.45	5.33
PC100-84.5-6.3-210	100.0	84.5	6.3	5.9	3.45	5.33
PC105-89.5-6.3-210	105.0	89.5	6.3	5.9	3.45	5.33
PC110-94.5-6.3-210	110.0	94.5	6.3	5.9	3.45	5.33
PC115-99.5-6.3-210	115.0	99.5	6.3	5.9	3.45	5.33
PC120-104.5-6.3-210	120.0	104.5	6.3	5.9	3.45	5.33
PC125-109.5-6.3-210	125.0	109.5	6.3	5.9	3.45	5.33
PC130-114.5-6.3-210	130.0	114.5	6.3	5.9	3.45	5.33
PC135-114-8.1-210	135.0	114.0	8.1	7.9	4.8	6.99
PC140-119-8.1-210	140.0	119.0	8.1	7.9	4.8	6.99

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-210

Piston **C**omposite Seal Style **210**

Metric Range (mm)

Part Number	D	d	L	C	C/S	O-ring c/s
PC145-124-8.1-210	145.0	124.0	8.1	7.9	4.8	6.99
PC150-129-8.1-210	150.0	129.0	8.1	7.9	4.8	6.99
PC155-134-8.1-210	155.0	134.0	8.1	7.9	4.8	6.99
PC160-139-8.1-210	160.0	139.0	8.1	7.9	4.8	6.99
PC165-144-8.1-210	165.0	144.0	8.1	7.9	4.8	6.99
PC170-149-8.1-210	170.0	149.0	8.1	7.9	4.8	6.99
PC175-154-8.1-210	175.0	154.0	8.1	7.9	4.8	6.99
PC180-159-8.1-210	180.0	159.0	8.1	7.9	4.8	6.99
PC185-164-8.1-210	185.0	164.0	8.1	7.9	4.8	6.99
PC190-169-8.1-210	190.0	169.0	8.1	7.9	4.8	6.99
PC195-174-8.1-210	195.0	174.0	8.1	7.9	4.8	6.99
PC200-179-8.1-210	200.0	179.0	8.1	7.9	4.8	6.99
PC205-184-8.1-210	205.0	184.0	8.1	7.9	4.8	6.99
PC210-189-8.1-210	210.0	189.0	8.1	7.9	4.8	6.99
PC220-199-8.1-210	220.0	199.0	8.1	7.9	4.8	6.99
PC225-204-8.1-210	225.0	204.0	8.1	7.9	4.8	6.99
PC230-209-8.1-210	230.0	209.0	8.1	7.9	4.8	6.99
PC240-219-8.1-210	240.0	219.0	8.1	7.9	4.8	6.99
PC250-229-8.1-210	250.0	229.0	8.1	7.9	4.8	6.99
PC260-239-8.1-210	260.0	239.0	8.1	7.9	4.8	6.99
PC270-249-8.1-210	270.0	249.0	8.1	7.9	4.8	6.99
PC280-259-8.1-210	280.0	259.0	8.1	7.9	4.8	6.99
PC290-269-8.1-210	290.0	269.0	8.1	7.9	4.8	6.99
PC300-279-8.1-210	300.0	279.0	8.1	7.9	4.8	6.99
PC310-289-8.1-210	310.0	289.0	8.1	7.9	4.8	6.99
PC320-299-8.1-210	320.0	299.0	8.1	7.9	4.8	6.99
PC330-305.5-8.1-210	330.0	305.5	8.1	7.9	6.55	6.99
PC340-315.5-8.1-210	340.0	315.5	8.1	7.9	6.55	6.99
PC350-325.5-8.1-210	350.0	325.5	8.1	7.9	6.55	6.99
PC360-335.5-8.1-210	360.0	335.5	8.1	7.9	6.55	6.99
PC370-345.5-8.1-210	370.0	345.5	8.1	7.9	6.55	6.99
PC380-355.5-8.1-210	380.0	355.5	8.1	7.9	6.55	6.99
PC390-365.5-8.1-210	390.0	365.5	8.1	7.9	6.55	6.99
PC400-375.5-8.1-210	400.0	375.5	8.1	7.9	6.55	6.99
PC410-385.5-8.1-210	410.0	385.5	8.1	7.9	6.55	6.99
PC420-395.5-8.1-210	420.0	395.5	8.1	7.9	6.55	6.99
PC430-405.5-8.1-210	430.0	405.5	8.1	7.9	6.55	6.99
PC440-415.5-8.1-210	440.0	415.5	8.1	7.9	6.55	6.99
PC450-425.5-8.1-210	450.0	425.5	8.1	7.9	6.55	6.99
PC460-435.5-8.1-210	460.0	435.5	8.1	7.9	6.55	6.99

PC-210

Piston Composite Seal Style 210

Metric Range (mm)

Part Number	D	d	L	C	C/S	O-ring c/s
PC470-445.5-8.1-210	470.0	445.5	8.1	7.9	6.55	6.99
PC480-455.5-8.1-210	480.0	455.5	8.1	7.9	6.55	6.99
PC490-465.5-8.1-210	490.0	465.5	8.1	7.9	6.55	6.99
PC500-475.5-8.1-210	500.0	475.5	8.1	7.9	6.55	6.99

PC-210

Piston **C**omposite Seal Style **210**

Imperial Range (inches)

Part Number	D	d	L	C	C/S	O-ring c/s
PC037018-009-210	0.375	0.182	0.086	0.079	0.039	0.070
PC050031-009-210	0.500	0.307	0.086	0.079	0.039	0.070
PC062033-012-210	0.625	0.330	0.126	0.118	0.067	0.103
PC075045-012-210	0.750	0.455	0.126	0.118	0.067	0.103
PC087058-012-210	0.875	0.580	0.126	0.118	0.067	0.103
PC100070-012-210	1.000	0.705	0.126	0.118	0.067	0.103
PC112083-012-210	1.125	0.830	0.126	0.118	0.067	0.103
PC125096-012-210	1.250	0.955	0.126	0.118	0.067	0.103
PC137108-012-210	1.375	1.080	0.126	0.118	0.067	0.103
PC150120-012-210	1.500	1.205	0.126	0.118	0.067	0.103
PC162119-017-210	1.625	1.192	0.165	0.153	0.100	0.139
PC175132-017-210	1.750	1.317	0.165	0.153	0.100	0.139
PC187144-017-210	1.875	1.442	0.165	0.153	0.100	0.139
PC200157-017-210	2.000	1.567	0.165	0.153	0.100	0.139
PC212169-017-210	2.125	1.692	0.165	0.153	0.100	0.139
PC225182-017-210	2.250	1.817	0.165	0.153	0.100	0.139
PC237194-017-210	2.375	1.942	0.165	0.153	0.100	0.139
PC250207-017-210	2.500	2.067	0.165	0.153	0.100	0.139
PC262219-017-210	2.625	2.192	0.165	0.153	0.100	0.139
PC275232-017-210	2.750	2.317	0.165	0.153	0.100	0.139
PC287244-017-210	2.875	2.442	0.165	0.153	0.100	0.139
PC300257-017-210	3.000	2.567	0.165	0.153	0.100	0.139
PC312269-017-210	3.125	2.692	0.165	0.153	0.100	0.139
PC325264-025-210	3.250	2.640	0.248	0.232	0.136	0.210
PC350289-025-210	3.500	2.890	0.248	0.232	0.136	0.210
PC375314-025-210	3.750	3.140	0.248	0.232	0.136	0.210
PC400339-025-210	4.000	3.390	0.248	0.232	0.136	0.210
PC425364-025-210	4.250	3.640	0.248	0.232	0.136	0.210
PC450389-025-210	4.500	3.890	0.248	0.232	0.136	0.210
PC475414-025-210	4.750	4.140	0.248	0.232	0.136	0.210
PC500439-025-210	5.000	4.390	0.248	0.232	0.136	0.210
PC525442-032-210	5.250	4.423	0.319	0.311	0.187	0.275
PC550467-032-210	5.500	4.673	0.319	0.311	0.187	0.275
PC575493-032-210	5.750	4.927	0.319	0.311	0.187	0.275
PC600517-032-210	6.000	5.173	0.319	0.311	0.187	0.275
PC625542-032-210	6.250	5.423	0.319	0.311	0.187	0.275
PC650567-032-210	6.500	5.673	0.319	0.311	0.187	0.275
PC675592-032-210	6.750	5.923	0.319	0.311	0.187	0.275
PC700617-032-210	7.000	6.173	0.319	0.311	0.187	0.275
PC725642-032-210	7.250	6.423	0.319	0.311	0.187	0.275

PC-210

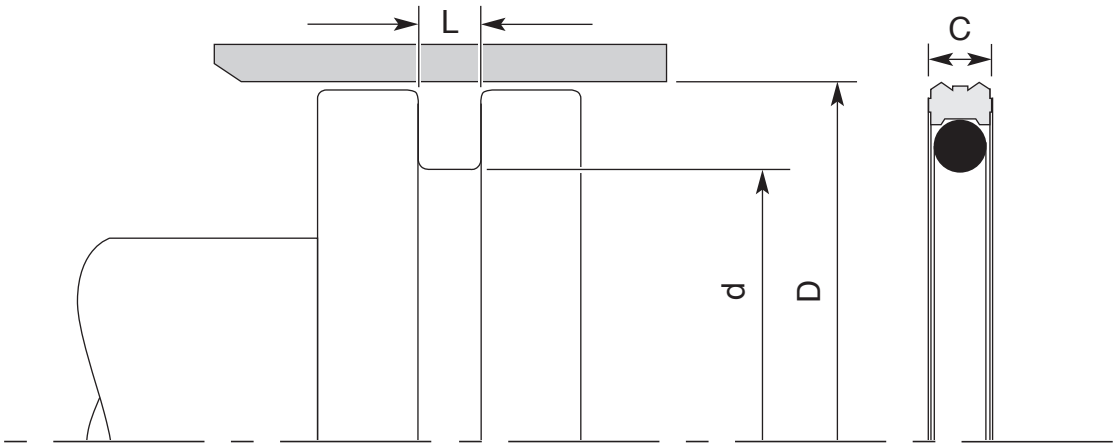
Piston Composite Seal Style 210

Imperial Range (inches)

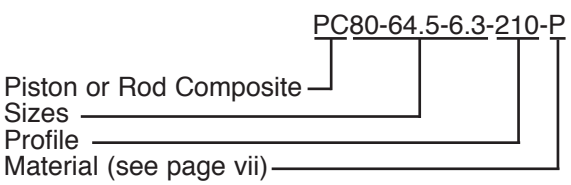
Part Number	D	d	L	C	C/S	O-ring c/s
PC750667-032-210	7.500	6.673	0.319	0.311	0.187	0.275
PC775692-032-210	7.750	6.923	0.319	0.311	0.187	0.275
PC800717-032-210	8.000	7.173	0.319	0.311	0.187	0.275
PC825742-032-210	8.250	7.423	0.319	0.311	0.187	0.275
PC850767-032-210	8.500	7.673	0.319	0.311	0.187	0.275
PC875792-032-210	8.750	7.923	0.319	0.311	0.187	0.275
PC900817-032-210	9.000	8.173	0.319	0.311	0.187	0.275
PC925842-032-210	9.250	8.423	0.319	0.311	0.187	0.275
PC950867-032-210	9.500	8.673	0.319	0.311	0.187	0.275
PC975892-032-210	9.750	8.923	0.319	0.311	0.187	0.275
PC1000917-032-210	10.000	9.173	0.319	0.311	0.187	0.275
PC1025942-032-210	10.250	9.423	0.319	0.311	0.187	0.275
PC1050967-032-210	10.500	9.673	0.319	0.311	0.187	0.275
PC1075992-032-210	10.750	9.923	0.319	0.311	0.187	0.275
PC11001017-032-210	11.000	10.173	0.319	0.311	0.187	0.275
PC11251042-032-210	11.250	10.423	0.319	0.311	0.187	0.275
PC11501067-032-210	11.500	10.673	0.319	0.311	0.187	0.275
PC11751092-032-210	11.750	10.923	0.319	0.311	0.187	0.275
PC12001117-032-210	12.000	11.173	0.319	0.311	0.187	0.275
PC12251142-032-210	12.250	11.423	0.319	0.311	0.187	0.275
PC12501167-032-210	12.500	11.673	0.319	0.311	0.187	0.275
PC12751192-032-210	12.750	11.923	0.319	0.311	0.187	0.275
PC13001203-032-210	13.000	12.035	0.319	0.311	0.256	0.275
PC13501254-032-210	13.500	12.535	0.319	0.311	0.256	0.275
PC14001304-032-210	14.000	13.035	0.319	0.311	0.256	0.275
PC14501354-032-210	14.500	13.535	0.319	0.311	0.256	0.275
PC15001404-032-210	15.000	14.035	0.319	0.311	0.256	0.275
PC15501454-032-210	15.500	14.535	0.319	0.311	0.256	0.275
PC16001504-032-210	16.000	15.035	0.319	0.311	0.256	0.275
PC16501554-032-210	16.500	15.535	0.319	0.311	0.256	0.275
PC17001604-032-210	17.000	16.035	0.319	0.311	0.256	0.275

PC-210-P

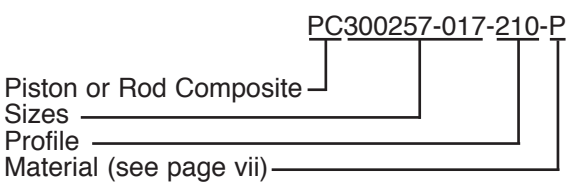
Piston Composite Seal Style 210-P



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤400bar
Working Temperature	-30 to +100°C
Surface Speed	≤0.5 m/s

The above values are maximum values and cannot be applied at the same time.

The PC-210-P is a double acting two part seal consisting of a profiled Polyurethane sleeve and an o-ring energiser.
Polyurethane as a sealing element is robust, fairly wear resistant, with a high modulus of elasticity which enables easier fitting.

PC-210-P

Piston Composite Seal Style 210-P

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
PC12-4.5-3.2-210-P	12.0	4.5	3.2	3.0	2.62
PC12-7.1-2.2-210-P	12.0	7.1	2.2	2.0	1.78
PC15-7.5-3.2-210-P	15.0	7.5	3.2	3.0	2.62
PC16-8.5-3.2-210-P	16.0	8.5	3.2	3.0	2.62
PC20-12.5-3.2-210-P	20.0	12.5	3.2	3.0	2.62
PC22-14.5-3.2-210-P	22.0	14.5	3.2	3.0	2.62
PC24-16.5-3.2-210-P	24.0	16.5	3.2	3.0	2.62
PC25-14-4.2-210-P	25.0	14.0	4.2	3.9	3.53
PC25-17.5-3.2-210-P	25.0	17.5	3.2	3.0	2.62
PC28-20.5-3.2-210-P	28.0	20.5	3.2	3.0	2.62
PC30-22.5-3.2-210-P	30.0	22.5	3.2	3.0	2.62
PC32-21-4.2-210-P	32.0	21.0	4.2	3.9	3.53
PC32-24.5-3.2-210-P	32.0	24.5	3.2	3.0	2.62
PC34-26.5-3.2-210-P	34.0	26.5	3.2	3.0	2.62
PC35-24-4.2-210-P	35.0	24.0	4.2	3.9	3.53
PC36-28.5-3.2-210-P	36.0	28.5	3.2	3.0	2.62
PC36-25-4.2-210-P	36.0	25.0	4.2	3.9	3.53
PC38-30.5-3.2-210-P	38.0	30.5	3.2	3.0	2.62
PC40-29-4.2-210-P	40.0	29.0	4.2	3.9	3.53
PC40-24.5-6.3-210-P	40.0	24.5	6.3	5.9	5.33
PC40-32.5-3.2-210-P	40.0	32.5	3.2	3.0	2.62
PC42-31-4.2-210-P	42.0	31.0	4.2	3.9	3.53
PC45-34-4.2-210-P	45.0	34.0	4.2	3.9	3.53
PC45-29.5-6.3-210-P	45.0	29.5	6.3	5.9	5.33
PC48-37-4.2-210-P	48.0	37.0	4.2	3.9	3.53
PC49-38-4.2-210-P	49.0	38.0	4.2	3.9	3.53
PC50-39-4.2-210-P	50.0	39.0	4.2	3.9	3.53
PC50-34.5-6.3-210-P	50.0	34.5	6.3	5.9	5.33
PC52-36.5-6.3-210-P	52.0	36.5	6.3	5.9	5.33
PC54-43-4.2-210-P	54.0	43.0	4.2	3.9	3.53
PC55-39.5-6.3-210-P	55.0	39.5	6.3	5.9	5.33
PC55-44-4.2-210-P	55.0	44.0	4.2	3.9	3.53
PC56-45-4.2-210-P	56.0	45.0	4.2	3.9	3.53
PC57-46-4.2-210-P	57.0	46.0	4.2	3.9	3.53
PC60-44.5-6.3-210-P	60.0	44.5	6.3	5.9	5.33
PC60-49-4.2-210-P	60.0	49.0	4.2	3.9	3.53
PC63-47.5-6.3-210-P	63.0	47.5	6.3	5.9	5.33
PC63-52-4.2-210-P	63.0	52.0	4.2	3.9	3.53
PC63-50-6.3-210-P	63.0	50.0	6.3	5.9	5.33
PC65-49.5-6.3-210-P	65.0	49.5	6.3	5.9	5.33

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-210-P

Piston Composite Seal Style 210-P

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
PC65-54-4.2-210-P	65.0	54.0	4.2	3.9	3.53
PC65-52-6.3-210-P	65.0	52.0	6.3	5.9	5.33
PC70-54.5-6.3-210-P	70.0	54.5	6.3	5.9	5.33
PC70-59-4.2-210-P	70.0	59.0	4.2	3.9	3.53
PC70-57-6.3-210-P	70.0	57.0	6.3	5.9	5.33
PC72-61-4.2-210-P	72.0	61.0	4.2	3.9	3.53
PC74-58.5-6.3-210-P	74.0	58.5	6.3	5.9	5.33
PC75-59.5-6.3-210-P	75.0	59.5	6.3	5.9	5.33
PC75-64-4.2-210-P	75.0	64.0	4.2	3.9	3.53
PC80-64.5-6.3-210-P	80.0	64.5	6.3	5.9	5.33
PC80-69-4.2-210-P	80.0	69.0	4.2	3.9	3.53
PC85-69.5-6.3-210-P	85.0	69.5	6.3	5.9	5.33
PC90-74.5-6.3-210-P	90.0	74.5	6.3	5.9	5.33
PC95-79.5-6.3-210-P	95.0	79.5	6.3	5.9	5.33
PC100-84.5-6.3-210-P	100.0	84.5	6.3	5.9	5.33
PC105-89.5-6.3-210-P	105.0	89.5	6.3	5.9	5.33
PC110-94.5-6.3-210-P	110.0	94.5	6.3	5.9	5.33
PC115-94-8.1-210-P	115.0	94.0	8.1	7.9	6.99
PC115-99.5-6.3-210-P	115.0	99.5	6.3	5.9	5.33
PC118-102.5-6.3-210-P	118.0	102.5	6.3	5.9	5.33
PC120-104.5-6.3-210-P	120.0	104.5	6.3	5.9	5.33
PC125-104-8.1-210-P	125.0	104.0	8.1	7.9	6.99
PC125-109.5-6.3-210-P	125.0	109.5	6.3	5.9	5.33
PC127-111.5-6.3-210-P	127.0	111.5	6.3	5.9	5.33
PC130-109-8.1-210-P	130.0	109.0	8.1	7.9	6.99
PC130-114.5-6.3-210-P	130.0	114.5	6.3	5.9	5.33
PC135-114-8.1-210-P	135.0	114.0	8.1	7.9	6.99
PC135-119.5-6.3-210-P	135.0	119.5	6.3	5.9	5.33
PC140-119-8.1-210-P	140.0	119.0	8.1	7.9	6.99
PC140-124.5-6.3-210-P	140.0	124.5	6.3	5.9	5.33
PC145-124-8.1-210-P	145.0	124.0	8.1	7.9	6.99
PC150-129-8.1-210-P	150.0	129.0	8.1	7.9	6.99
PC160-139-8.1-210-P	160.0	139.0	8.1	7.9	6.99
PC170-149-8.1-210-P	170.0	149.0	8.1	7.9	6.99
PC180-159-8.1-210-P	180.0	159.0	8.1	7.9	6.99
PC185-164-8.1-210-P	185.0	164.0	8.1	7.9	6.99
PC190-169-8.1-210-P	190.0	169.0	8.1	7.9	6.99
PC200-179-8.1-210-P	200.0	179.0	8.1	7.9	6.99
PC210-189-8.1-210-P	210.0	189.0	8.1	7.9	6.99
PC220-199-8.1-210-P	220.0	199.0	8.1	7.9	6.99

PC-210-P

Piston Composite Seal Style 210-P

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
PC230-209-8.1-210-P	230.0	209.0	8.1	7.9	6.99
PC240-219-8.1-210-P	240.0	219.0	8.1	7.9	6.99
PC250-229-8.1-210-P	250.0	229.0	8.1	7.9	6.99
PC300-279-8.1-210-P	300.0	279.0	8.1	7.9	6.99

PC-210-P

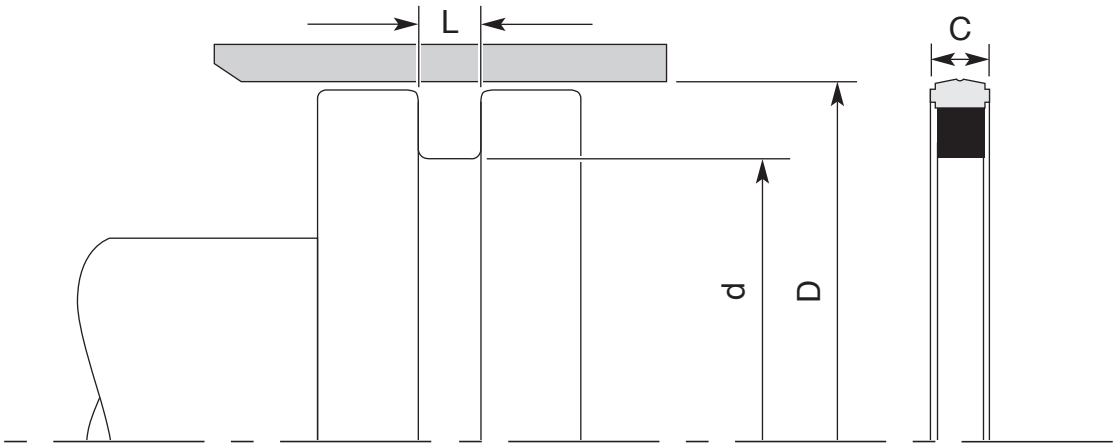
Piston Composite Seal Style 210-P

Imperial Range (inches)

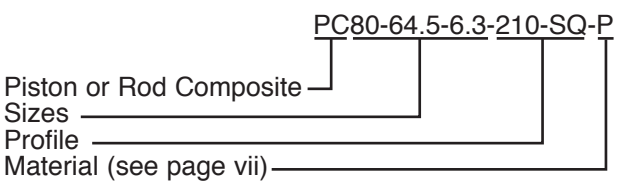
Part Number	D	d	L	C	O-ring c/s
PC150120-012-210-P	1.500	1.205	0.126	0.118	0.103
PC150107-017-210-P	1.500	1.067	0.165	0.153	0.139
PC200157-017-210-P	2.000	1.567	0.165	0.153	0.139
PC300257-017-210-P	3.000	2.567	0.165	0.153	0.139
PC325264-025-210-P	3.250	2.638	0.248	0.232	0.210
PC350289-025-210-P	3.500	2.890	0.248	0.232	0.210
PC400339-025-210-P	4.000	3.389	0.248	0.232	0.210
PC500439-025-210-P	5.000	4.389	0.248	0.232	0.210
PC600517-032-210-P	6.000	5.173	0.319	0.311	0.275
PC700617-032-210-P	7.000	6.173	0.319	0.311	0.275
PC800717-032-210-P	8.000	7.173	0.319	0.311	0.275

PC-210-SQ-P

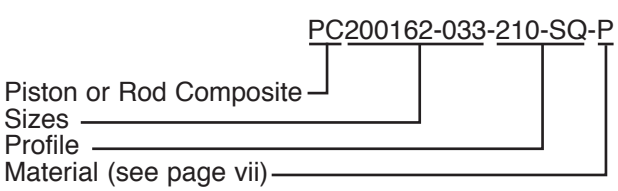
Piston **C**omposite Seal Style **210** with **SQ**uare section Energiser in **P**olyurethane



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤400 bar
Working Temperature	-30 to +100°C
Surface Speed	≤0.5 m/s

The above values are maximum values and cannot be applied at the same time.

The PC-210-SQ-P is a double acting seal consisting of a Polyurethane sleeve and a square section elastomer energiser.
Polyurethane as a sealing element is robust, fairly wear resistant, with a high modulus of elasticity which enables easier fitting.
The square section energiser helps prevent twisting.

PC-210-SQ-P

Piston **C**omposite Seal Style **210** with **SQ**uare section Energiser in **P**olyurethane

Metric Range (mm)

Part Number	D	d	L	C
PC20-12.5-3.2-210-SQ-P	20.00	12.50	3.20	3.00
PC25-17.5-3.2-210-SQ-P	25.00	17.50	3.20	3.00
PC30-22.5-3.2-210-SQ-P	30.00	22.50	3.20	3.00
PC32-21-4.2-210-SQ-P	32.00	21.00	4.20	4.00
PC32-24.5-3.2-210-SQ-P	32.00	24.50	3.20	3.00
PC35-24-4.2-210-SQ-P	35.00	24.00	4.20	4.00
PC35-27.5-3.2-210-SQ-P	35.00	27.50	3.20	3.00
PC40-24.5-6.3-210-SQ-P	40.00	24.50	6.30	6.00
PC40-27-6.3-210-SQ-P	40.00	27.00	6.30	6.00
PC40-29-4.2-210-SQ-P	40.00	29.00	4.20	4.00
PC40-32.5-3.2-210-SQ-P	40.00	32.50	3.20	3.00
PC45-32-6.3-210-SQ-P	45.00	32.00	6.30	6.00
PC45-34-4.2-210-SQ-P	45.00	34.00	4.20	4.00
PC50-34.5-6.3-210-SQ-P	50.00	34.50	6.30	6.00
PC50-37-6.3-210-SQ-P	50.00	37.00	6.30	6.00
PC50-39-4.2-210-SQ-P	50.00	39.00	4.20	4.00
PC55-39.5-6.3-210-SQ-P	55.00	39.50	6.30	6.00
PC55-44-4.2-210-SQ-P	55.00	44.00	4.20	4.00
PC58-45-6.3-210-SQ-P	58.00	45.00	6.30	6.00
PC60-44.5-6.3-210-SQ-P	60.00	44.50	6.30	6.00
PC60-49-4.2-210-SQ-P	60.00	49.00	4.20	4.00
PC63-47.5-6.3-210-SQ-P	63.00	47.50	6.30	6.00
PC63-50-6.3-210-SQ-P	63.00	50.00	6.30	6.00
PC63-52-4.2-210-SQ-P	63.00	52.00	4.20	4.00
PC63-53-5-210-SQ-P	63.00	53.00	5.00	4.70
PC65-49.5-6.3-210-SQ-P	65.00	49.50	6.30	6.00
PC65-52-6.3-210-SQ-P	65.00	52.00	6.30	6.00
PC65-54-6.3-210-SQ-P	65.00	54.00	6.30	6.00
PC70-54.5-6.3-210-SQ-P	70.00	54.50	6.30	6.00
PC70-57-6.3-210-SQ-P	70.00	57.00	6.30	6.00
PC70-59-4.2-210-SQ-P	70.00	59.00	4.20	4.00
PC75-59.5-6.3-210-SQ-P	75.00	59.50	6.30	6.00
PC75-62-6.3-210-SQ-P	75.00	62.00	6.30	6.00
PC75-64-4.2-210-SQ-P	75.00	64.00	4.20	4.00
PC80-59-8.1-210-SQ-P	80.00	59.00	8.10	7.80
PC80-59-10.5-210-SQ-P	80.00	59.00	10.50	10.00
PC80-64.5-6.3-210-SQ-P	80.00	64.50	6.30	6.00
PC80-66.5-6.3-210-SQ-P	80.00	66.50	6.30	6.00
PC85-69.5-6.3-210-SQ-P	85.00	69.50	6.30	6.00
PC85-71.5-6.3-210-SQ-P	85.00	71.50	6.30	6.00

PC-210-SQ-P

Piston **C**omposite Seal Style **210** with **SQ**uare section Energiser in **P**olyurethane

Metric Range (mm)

Part Number	D	d	L	C
PC90-69-8.1-210-SQ-P	90.00	69.00	8.10	7.80
PC90-69-10.5-210-SQ-P	90.00	69.00	10.50	10.00
PC90-74.5-6.3-210-SQ-P	90.00	74.50	6.30	6.00
PC95-79.5-6.3-210-SQ-P	95.00	79.50	6.30	6.00
PC100-79-8.1-210-SQ-P	100.00	79.00	8.10	7.80
PC100-84.5-6.3-210-SQ-P	100.00	84.50	6.30	6.00
PC100-86.5-6.3-210-SQ-P	100.00	86.50	6.30	6.00
PC105-84.5-6.3-210-SQ-P	105.00	84.50	6.30	6.00
PC105-89.5-6.3-210-SQ-P	105.00	89.50	6.30	6.00
PC110-89-8.1-210-SQ-P	110.00	89.00	8.10	7.80
PC110-89-10.5-210-SQ-P	110.00	89.00	10.50	10.00
PC110-94.5-6.3-210-SQ-P	110.00	94.50	6.30	6.00
PC115-94-8.1-210-SQ-P	115.00	94.00	8.10	7.80
PC120-99-8.1-210-SQ-P	120.00	99.00	8.10	7.80
PC120-99-10.5-210-SQ-P	120.00	99.00	10.50	10.00
PC120-104.5-6.3-210-SQ-P	120.00	104.50	6.30	6.00
PC125-104-8.1-210-SQ-P	125.00	104.00	8.10	7.80
PC125-104-10.5-210-SQ-P	125.00	104.00	10.50	10.00
PC125-109.5-6.3-210-SQ-P	125.00	109.50	6.30	6.00
PC130-109-8.1-210-SQ-P	130.00	109.00	8.10	7.80
PC140-119-8.1-210-SQ-P	140.00	119.00	8.10	7.80
PC140-119-10.5-210-SQ-P	140.00	119.00	10.50	10.00
PC140-119-12.5-210-SQ-P	140.00	119.00	12.50	12.00
PC150-129-10.5-210-SQ-P	150.00	129.00	10.50	10.00
PC160-139-10.5-210-SQ-P	160.00	139.00	10.50	10.00
PC180-159-10.5-210-SQ-P	180.00	159.00	10.50	10.00
PC200-175-12.5-210-SQ-P	200.00	175.00	12.50	12.00
PC200-179-8.1-210-SQ-P	200.00	179.00	8.10	7.80

PC-210-SQ-P

Piston **C**omposite Seal Style **210** with **SQ**uare section Energiser in **P**olyurethane

Imperial Range (inches)

Part Number	D	d	L	C
PC100069-012-210-SQ-P	1.000	0.690	0.129	0.116-0.121
PC125094-012-210-SQ-P	1.250	0.940	0.129	0.116-0.121
PC125100-018-210-SQ-P	1.250	1.000	0.187	-
PC150100-039-210-SQ-P	1.500	1.000	0.394	0.375
PC150112-026-210-SQ-P	1.500	1.125	0.263	0.250
PC150119-012-210-SQ-P	1.500	1.190	0.129	0.116-0.121
PC150125-019-210-SQ-P	1.500	1.250	0.196	0.187
PC150125-028-210-SQ-P	1.500	1.258	0.275	0.263
PC175125-039-210-SQ-P	1.750	1.250	0.394	0.375
PC175137-026-210-SQ-P	1.750	1.375	0.263	0.250
PC175137-053-210-SQ-P	1.750	1.375	0.526	0.500
PC175144-012-210-SQ-P	1.750	1.440	0.129	0.116-0.121
PC175150-018-210-SQ-P	1.750	1.500	0.185	0.165
PC200144-028-210-SQ-P	2.000	1.440	0.284	0.269-0.274
PC200150-039-210-SQ-P	2.000	1.500	0.394	0.375
PC200162-033-210-SQ-P	2.000	1.625	0.328	0.312
PC200162-039-210-SQ-P	2.000	1.625	0.394	0.375
PC200163-028-210-SQ-P	2.000	1.630	0.281	0.269-0.274
PC200169-012-210-SQ-P	2.000	1.690	0.129	0.116-0.121
PC225187-028-210-SQ-P	2.250	1.875	0.280	0.265
PC225187-033-210-SQ-P	2.250	1.875	0.328	0.312
PC225194-012-210-SQ-P	2.250	1.940	0.129	0.116-0.121
PC237200-028-210-SQ-P	2.375	2.000	0.280	0.265
PC250196-028-210-SQ-P	2.500	1.962	0.284	0.269-0.274
PC250200-039-210-SQ-P	2.500	2.000	0.394	0.375
PC250212-033-210-SQ-P	2.500	2.125	0.328	0.312
PC250212-039-210-SQ-P	2.500	2.125	0.394	0.375
PC250212-041-210-SQ-P	2.500	2.125	0.410	0.395
PC250213-028-210-SQ-P	2.500	2.130	0.281	0.269-0.274
PC250219-012-210-SQ-P	2.500	2.190	0.129	0.116-0.121
PC275237-028-210-SQ-P	2.750	2.375	0.280	0.265
PC275244-012-210-SQ-P	2.750	2.440	0.129	0.116-0.121
PC300238-025-210-SQ-P	3.000	2.380	0.250	0.235
PC300244-028-210-SQ-P	3.000	2.440	0.284	0.269-0.274
PC300250-039-210-SQ-P	3.000	2.500	0.394	0.375
PC300250-055-210-SQ-P	3.000	2.500	0.550	0.500
PC300262-028-210-SQ-P	3.000	2.625	0.284	0.269-0.274
PC300262-033-210-SQ-P	3.000	2.625	0.328	0.312
PC300262-039-210-SQ-P	3.000	2.625	0.394	0.375
PC300262-041-210-SQ-P	3.000	2.625	0.410	0.395

PC-210-SQ-P

Piston **C**omposite Seal Style **210** with **SQ**uare section Energiser in **P**olyurethane

Imperial Range (inches)

Part Number	D	d	L	C
PC325269-028-210-SQ-P	3.250	2.690	0.284	0.269-0.274
PC325275-058-210-SQ-P	3.250	2.750	0.577	0.550
PC325287-028-210-SQ-P	3.250	2.875	0.284	0.269-0.274
PC325287-033-210-SQ-P	3.250	2.875	0.328	0.312
PC350294-028-210-SQ-P	3.500	2.940	0.284	0.269-0.274
PC350300-039-210-SQ-P	3.500	3.000	0.394	0.375
PC350312-028-210-SQ-P	3.500	3.125	0.284	0.269-0.274
PC350312-033-210-SQ-P	3.500	3.125	0.328	0.312
PC350312-039-210-SQ-P	3.500	3.125	0.394	0.375
PC350312-041-210-SQ-P	3.500	3.125	0.410	0.395
PC375344-028-210-SQ-P	3.750	3.440	0.284	0.269-0.274
PC375337-028-210-SQ-P	3.750	3.375	0.284	0.269-0.274
PC375337-033-210-SQ-P	3.750	3.375	0.328	0.312
PC400344-028-210-SQ-P	4.000	3.440	0.284	0.269-0.274
PC400350-039-210-SQ-P	4.000	3.500	0.394	0.375
PC400362-028-210-SQ-P	4.000	3.625	0.284	0.269-0.274
PC400362-039-210-SQ-P	4.000	3.625	0.394	0.375
PC400362-041-210-SQ-P	4.000	3.625	0.410	0.395
PC425369-028-210-SQ-P	4.250	3.690	0.284	0.269-0.274
PC425388-028-210-SQ-P	4.250	3.880	0.284	0.269-0.274
PC450394-028-210-SQ-P	4.500	3.940	0.284	0.269-0.274
PC450400-039-210-SQ-P	4.500	4.000	0.394	0.375
PC450400-059-210-SQ-P	4.500	4.000	0.591	0.562
PC450413-028-210-SQ-P	4.500	4.130	0.284	0.269-0.274
PC462425-028-210-SQ-P	4.625	4.250	0.280	0.265
PC475438-028-210-SQ-P	4.750	4.380	0.284	0.269-0.274
PC475444-028-210-SQ-P	4.750	4.440	0.284	0.269-0.274
PC500437-053-210-SQ-P	5.000	4.375	0.526	0.500
PC500444-028-210-SQ-P	5.000	4.440	0.284	0.269-0.274
PC500450-039-210-SQ-P	5.000	4.500	0.394	0.375
PC500450-053-210-SQ-P	5.000	4.500	0.526	0.500
PC500450-059-210-SQ-P	5.000	4.500	0.591	0.562
PC500453-054-210-SQ-P	5.000	4.528	0.538	0.518
PC500463-028-210-SQ-P	5.000	4.630	0.284	0.269-0.274
PC525449-038-210-SQ-P	5.250	4.488	0.379	0.362-0.367
PC525475-059-210-SQ-P	5.250	4.750	0.591	0.562
PC550474-038-210-SQ-P	5.500	4.738	0.379	0.362-0.367
PC550500-039-210-SQ-P	5.500	5.000	0.394	0.375
PC550502-037-210-SQ-P	5.500	5.020	0.365	0.350
PC575500-038-210-SQ-P	5.750	5.000	0.379	0.362-0.367

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-210-SQ-P

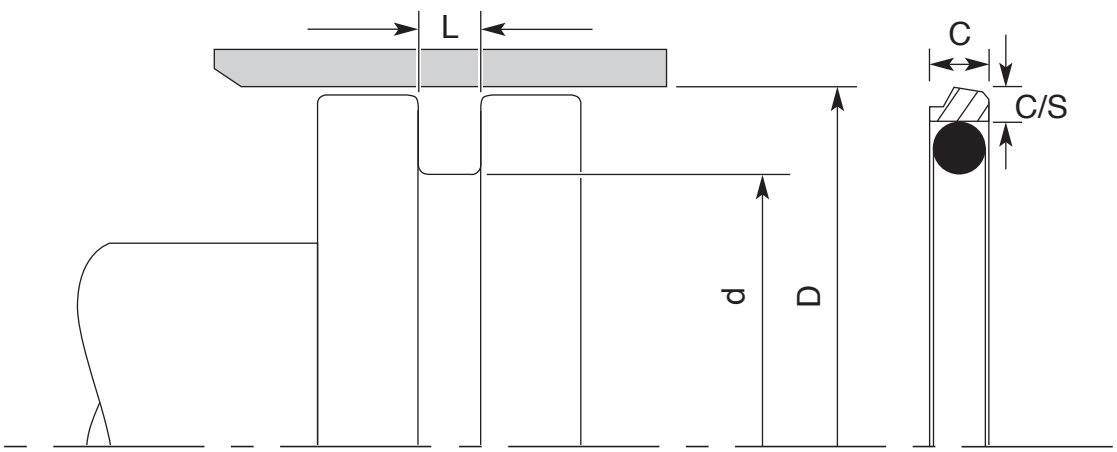
Piston **C**omposite Seal Style **210** with **SQ**uare section Energiser in **P**olyurethane

Imperial Range (inches)

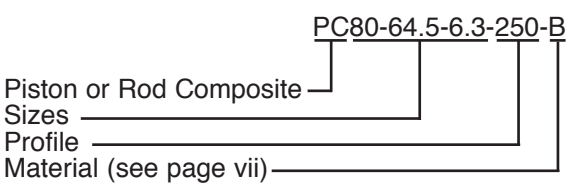
Part Number	D	d	L	C
PC600524-038-210-SQ-P	6.000	5.238	0.379	0.362-0.367
PC600550-039-210-SQ-P	6.000	5.500	0.394	0.375
PC600550-059-210-SQ-P	6.000	5.500	0.591	0.562
PC600552-037-210-SQ-P	6.000	5.520	0.365	0.350
PC600552-054-210-SQ-P	6.000	5.520	0.538	0.518
PC625549-038-210-SQ-P	6.250	5.488	0.379	0.362-0.367
PC650574-038-210-SQ-P	6.500	5.738	0.379	0.362-0.367
PC650600-059-210-SQ-P	6.500	6.000	0.591	0.562
PC650602-037-210-SQ-P	6.500	6.020	0.365	0.350
PC700625-038-210-SQ-P	7.000	6.254	0.379	0.362-0.367
PC700652-037-210-SQ-P	7.000	6.520	0.365	0.350
PC725649-038-210-SQ-P	7.250	6.488	0.379	0.362-0.367
PC750674-038-210-SQ-P	7.500	6.738	0.379	0.362-0.367
PC750702-037-210-SQ-P	7.500	7.020	0.365	0.350
PC800724-038-210-SQ-P	8.000	7.238	0.379	0.362-0.367
PC800752-037-210-SQ-P	8.000	7.520	0.365	0.350
PC843769-038-210-SQ-P	8.437	7.691	0.379	0.362-0.367
PC850774-038-210-SQ-P	8.500	7.738	0.379	0.362-0.367
PC850802-037-210-SQ-P	8.500	8.020	0.365	0.350
PC900812-038-210-SQ-P	9.000	8.122	0.379	0.362-0.367
PC900852-037-210-SQ-P	9.000	8.520	0.365	0.350
PC950862-038-210-SQ-P	9.500	8.622	0.379	0.362-0.367
PC1000912-038-210-SQ-P	10.000	9.122	0.379	0.362-0.367

PC-250

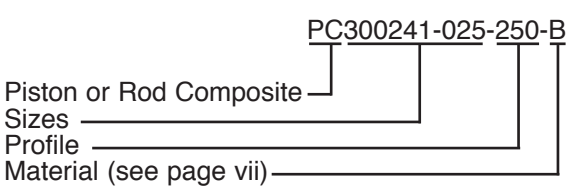
Stepped **P**iston **C**omposite Seal Style **250**



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤400bar*
Working Temperature	-30 to +100°C**
Surface Speed	≤8 m/s

* Up to 800 bar with reduced extrusion gap.
** Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The PC-250 is a single acting two part seal consisting of a stepped PTFE sleeve and an elastomer energiser.
The PTFE outer sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

PC-250

Stepped **P**iston **C**omposite Seal Style **250**

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC8-3.1-2.2-250	8.0	3.1	2.2	2.0	1.0	1.78
PC10-5.1-2.2-250	10.0	5.1	2.2	2.0	1.0	1.78
PC12-7.1-2.2-250	12.0	7.1	2.2	2.0	1.0	1.78
PC15-10.1-2.2-250	15.0	10.1	2.2	2.0	1.0	1.78
PC16-11.1-2.2-250	16.0	11.1	2.2	2.0	1.0	1.78
PC18-10.7-3.2-250	18.0	10.7	3.2	3.0	1.7	2.62
PC20-12.7-3.2-250	20.0	12.7	3.2	3.0	1.7	2.62
PC22-14.7-3.2-250	22.0	14.7	3.2	3.0	1.7	2.62
PC24-16.7-3.2-250	24.0	16.7	3.2	3.0	1.7	2.62
PC25-17.7-3.2-250	25.0	17.7	3.2	3.0	1.7	2.62
PC26-18.7-3.2-250	26.0	18.7	3.2	3.0	1.7	2.62
PC28-17.3-4.2-250	28.0	17.3	4.2	3.9	2.5	3.53
PC30-19.3-4.2-250	30.0	19.3	4.2	3.9	2.5	3.53
PC32-21.3-4.2-250	32.0	21.3	4.2	3.9	2.5	3.53
PC35-24.3-4.2-250	35.0	24.3	4.2	3.9	2.5	3.53
PC38-27.3-4.2-250	38.0	27.3	4.2	3.9	2.5	3.53
PC40-29.3-4.2-250	40.0	29.3	4.2	3.9	2.5	3.53
PC42-31.3-4.2-250	42.0	31.3	4.2	3.9	2.5	3.53
PC45-34.3-4.2-250	45.0	34.3	4.2	3.9	2.5	3.53
PC48-37.3-4.2-250	48.0	37.3	4.2	3.9	2.5	3.53
PC50-39.3-4.2-250	50.0	39.3	4.2	3.9	2.5	3.53
PC52-41.3-4.2-250	52.0	41.3	4.2	3.9	2.5	3.53
PC55-44.3-4.2-250	55.0	44.3	4.2	3.9	2.5	3.53
PC60-44.9-6.3-250	60.0	44.9	6.3	5.9	3.45	5.33
PC63-47.9-6.3-250	63.0	47.9	6.3	5.9	3.45	5.33
PC65-49.9-6.3-250	65.0	49.9	6.3	5.9	3.45	5.33
PC70-54.9-6.3-250	70.0	54.9	6.3	5.9	3.45	5.33
PC80-64.9-6.3-250	80.0	64.9	6.3	5.9	3.45	5.33
PC85-69.9-6.3-250	85.0	69.9	6.3	5.9	3.45	5.33
PC90-74.9-6.3-250	90.0	74.9	6.3	5.9	3.45	5.33
PC95-79.9-6.3-250	95.0	79.9	6.3	5.9	3.45	5.33
PC100-84.9-6.3-250	100.0	84.9	6.3	5.9	3.45	5.33
PC105-89.9-6.3-250	105.0	89.9	6.3	5.9	3.45	5.33
PC110-94.9-6.3-250	110.0	94.9	6.3	5.9	3.45	5.33
PC115-99.9-6.3-250	115.0	99.9	6.3	5.9	3.45	5.33
PC120-104.9-6.3-250	120.0	104.9	6.3	5.9	3.45	5.33
PC125-109.9-6.3-250	125.0	109.9	6.3	5.9	3.45	5.33
PC130-114.9-6.3-250	130.0	114.9	6.3	5.9	3.45	5.33
PC135-119.9-6.3-250	135.0	119.9	6.3	5.9	3.45	5.33
PC140-124.9-6.3-250	140.0	124.9	6.3	5.9	3.45	5.33

PC-250

Stepped **P**iston **C**omposite Seal Style **250**

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC145-129.9-6.3-250	145.0	129.9	6.3	5.9	3.45	5.33
PC150-134.9-6.3-250	150.0	134.9	6.3	5.9	3.45	5.33
PC155-139.9-6.3-250	155.0	139.9	6.3	5.9	3.45	5.33
PC160-144.9-6.3-250	160.0	144.9	6.3	5.9	3.45	5.33
PC165-149.9-6.3-250	165.0	149.9	6.3	5.9	3.45	5.33
PC170-154.9-6.3-250	170.0	154.9	6.3	5.9	3.45	5.33
PC175-159.9-6.3-250	175.0	159.9	6.3	5.9	3.45	5.33
PC180-164.9-6.3-250	180.0	164.9	6.3	5.9	3.45	5.33
PC185-169.9-6.3-250	185.0	169.9	6.3	5.9	3.45	5.33
PC190-174.9-6.3-250	190.0	174.9	6.3	5.9	3.45	5.33
PC195-179.9-6.3-250	195.0	179.9	6.3	5.9	3.45	5.33
PC200-179.5-8.1-250	200.0	179.5	8.1	7.9	4.8	6.99
PC205-184.5-8.1-250	205.0	184.5	8.1	7.9	4.8	6.99
PC210-189.5-8.1-250	210.0	189.5	8.1	7.9	4.8	6.99
PC220-199.5-8.1-250	220.0	199.5	8.1	7.9	4.8	6.99
PC225-204.5-8.1-250	225.0	204.5	8.1	7.9	4.8	6.99
PC230-209.5-8.1-250	230.0	209.5	8.1	7.9	4.8	6.99
PC240-219.5-8.1-250	240.0	219.5	8.1	7.9	4.8	6.99
PC250-229.5-8.1-250	250.0	229.5	8.1	7.9	4.8	6.99
PC255-234.5-8.1-250	255.0	234.5	8.1	7.9	4.8	6.99
PC256-232-8.1-250	256.0	232.0	8.1	7.9	6.55	6.99
PC260-236-8.1-250	260.0	236.0	8.1	7.9	6.55	6.99
PC270-246-8.1-250	270.0	246.0	8.1	7.9	6.55	6.99
PC280-256-8.1-250	280.0	256.0	8.1	7.9	6.55	6.99
PC290-266-8.1-250	290.0	266.0	8.1	7.9	6.55	6.99
PC300-276-8.1-250	300.0	276.0	8.1	7.9	6.55	6.99
PC310-286-8.1-250	310.0	286.0	8.1	7.9	6.55	6.99
PC320-296-8.1-250	320.0	296.0	8.1	7.9	6.55	6.99
PC330-306-8.1-250	330.0	306.0	8.1	7.9	6.55	6.99
PC340-316-8.1-250	340.0	316.0	8.1	7.9	6.55	6.99
PC350-326-8.1-250	350.0	326.0	8.1	7.9	6.55	6.99
PC360-336-8.1-250	360.0	336.0	8.1	7.9	6.55	6.99
PC370-346-8.1-250	370.0	346.0	8.1	7.9	6.55	6.99
PC380-356-8.1-250	380.0	356.0	8.1	7.9	6.55	6.99
PC390-366-8.1-250	390.0	366.0	8.1	7.9	6.55	6.99
PC400-376-8.1-250	400.0	376.0	8.1	7.9	6.55	6.99
PC410-386-8.1-250	410.0	386.0	8.1	7.9	6.55	6.99
PC420-396-8.1-250	420.0	396.0	8.1	7.9	6.55	6.99
PC430-406-8.1-250	430.0	406.0	8.1	7.9	6.55	6.99
PC440-416-8.1-250	440.0	416.0	8.1	7.9	6.55	6.99

PC-250

Stepped **P**iston **C**omposite Seal Style **250**

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
PC450-426-8.1-250	450.0	426.0	8.1	7.9	6.55	6.99
PC460-436-8.1-250	460.0	436.0	8.1	7.9	6.55	6.99
PC470-446-8.1-250	470.0	446.0	8.1	7.9	6.55	6.99
PC480-456-8.1-250	480.0	456.0	8.1	7.9	6.55	6.99
PC490-466-8.1-250	490.0	466.0	8.1	7.9	6.55	6.99
PC500-476-8.1-250	500.0	476.0	8.1	7.9	6.55	6.99

PC-250

Stepped **P**iston **C**omposite Seal Style **250**

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
PC037018-009-250	0.375	0.182	0.086	0.079	0.039	0.070
PC050031-009-250	0.500	0.307	0.086	0.079	0.039	0.070
PC062033-009-250	0.625	0.330	0.086	0.079	0.039	0.070
PC075046-012-250	0.750	0.463	0.126	0.118	0.067	0.103
PC087059-012-250	0.875	0.588	0.126	0.118	0.067	0.103
PC100071-012-250	1.000	0.713	0.126	0.118	0.067	0.103
PC112070-012-250	1.125	0.704	0.126	0.118	0.067	0.103
PC125083-017-250	1.250	0.829	0.165	0.153	0.100	0.139
PC137096-017-250	1.375	0.962	0.165	0.153	0.100	0.139
PC150108-017-250	1.500	1.079	0.165	0.153	0.100	0.139
PC162121-017-250	1.625	1.212	0.165	0.153	0.100	0.139
PC175133-017-250	1.750	1.329	0.165	0.153	0.100	0.139
PC187145-017-250	1.875	1.454	0.165	0.153	0.100	0.139
PC200158-017-250	2.000	1.579	0.165	0.153	0.100	0.139
PC212170-017-250	2.125	1.704	0.165	0.153	0.100	0.139
PC225183-017-250	2.250	1.829	0.165	0.153	0.100	0.139
PC237178-025-250	2.375	1.781	0.248	0.232	0.136	0.210
PC250191-025-250	2.500	1.906	0.248	0.232	0.136	0.210
PC262203-025-250	2.625	2.031	0.248	0.232	0.136	0.210
PC275216-025-250	2.750	2.156	0.248	0.232	0.136	0.210
PC287228-025-250	2.875	2.281	0.248	0.232	0.136	0.210
PC300241-025-250	3.000	2.406	0.248	0.232	0.136	0.210
PC312253-025-250	3.125	2.531	0.248	0.232	0.136	0.210
PC325266-025-250	3.250	2.656	0.248	0.232	0.136	0.210
PC350291-025-250	3.500	2.906	0.248	0.232	0.136	0.210
PC375316-025-250	3.750	3.156	0.248	0.232	0.136	0.210
PC400341-025-250	4.000	3.406	0.248	0.232	0.136	0.210
PC425366-025-250	4.250	3.656	0.248	0.232	0.136	0.210
PC450391-025-250	4.500	3.906	0.248	0.232	0.136	0.210
PC475416-025-250	4.750	4.156	0.248	0.232	0.136	0.210
PC500441-025-250	5.000	4.406	0.248	0.232	0.136	0.210
PC525466-025-250	5.250	4.656	0.248	0.232	0.136	0.210
PC550491-025-250	5.500	4.906	0.248	0.232	0.136	0.210
PC575516-025-250	5.750	5.156	0.248	0.232	0.136	0.210
PC600541-025-250	6.000	5.406	0.248	0.232	0.136	0.210
PC625566-025-250	6.250	5.656	0.248	0.232	0.136	0.210
PC650591-025-250	6.500	5.906	0.248	0.232	0.136	0.210
PC675616-025-250	6.750	6.156	0.248	0.232	0.136	0.210
PC700641-025-250	7.000	6.406	0.248	0.232	0.136	0.210
PC725666-025-250	7.250	6.656	0.248	0.232	0.136	0.210

PC-250

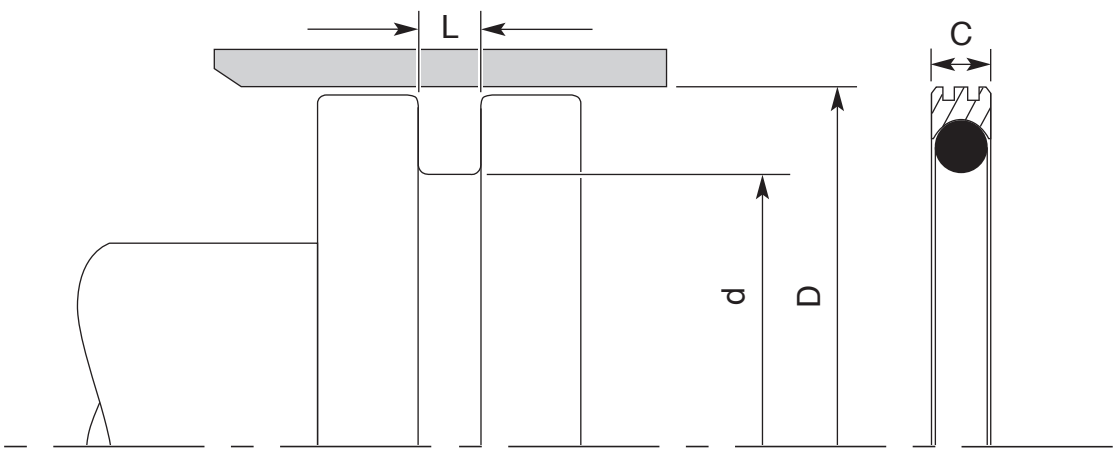
Stepped **P**iston **C**omposite Seal Style **250**

Imperial Range (inches)

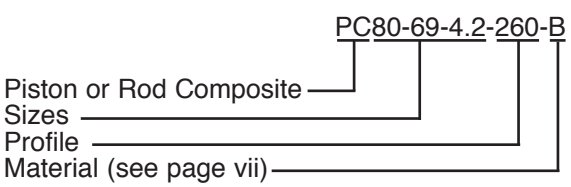
Part Number	D	d	L	C	c/s	O-ring c/s
PC750691-025-250	7.500	6.906	0.248	0.232	0.136	0.210
PC775716-025-250	7.750	7.156	0.248	0.232	0.136	0.210
PC800719-032-250	8.000	7.193	0.319	0.311	0.187	0.275
PC825744-032-250	8.250	7.443	0.319	0.311	0.187	0.275
PC850769-032-250	8.500	7.693	0.319	0.311	0.187	0.275
PC875794-032-250	8.750	7.943	0.319	0.311	0.187	0.275
PC900819-032-250	9.000	8.193	0.319	0.311	0.187	0.275
PC925844-032-250	9.250	8.443	0.319	0.311	0.187	0.275
PC950869-032-250	9.500	8.693	0.319	0.311	0.187	0.275
PC975894-032-250	9.750	8.943	0.319	0.311	0.187	0.275
PC1000919-032-250	10.000	9.193	0.319	0.311	0.187	0.275
PC1025931-032-250	10.250	9.305	0.319	0.311	0.256	0.275
PC1050956-032-250	10.500	9.555	0.319	0.311	0.256	0.275
PC1075981-032-250	10.750	9.805	0.319	0.311	0.256	0.275
PC11001006-032-250	11.000	10.055	0.319	0.311	0.256	0.275
PC11251031-032-250	11.250	10.305	0.319	0.311	0.256	0.275
PC11501056-032-250	11.500	10.555	0.319	0.311	0.256	0.275
PC11751081-032-250	11.750	10.805	0.319	0.311	0.256	0.275
PC12001106-032-250	12.000	11.055	0.319	0.311	0.256	0.275
PC12251131-032-250	12.250	11.305	0.319	0.311	0.256	0.275
PC12501156-032-250	12.500	11.555	0.319	0.311	0.256	0.275
PC12751181-032-250	12.750	11.805	0.319	0.311	0.256	0.275
PC13001206-032-250	13.000	12.055	0.319	0.311	0.256	0.275
PC13501256-032-250	13.500	12.555	0.319	0.311	0.256	0.275
PC14001306-032-250	14.000	13.055	0.319	0.311	0.256	0.275
PC14501356-032-250	14.500	13.555	0.319	0.311	0.256	0.275
PC15001406-032-250	15.000	14.055	0.319	0.311	0.256	0.275
PC15501456-032-250	15.500	14.555	0.319	0.311	0.256	0.275
PC16001506-032-250	16.000	15.055	0.319	0.311	0.256	0.275
PC16501556-032-250	16.500	15.555	0.319	0.311	0.256	0.275
PC17001606-032-250	17.000	16.055	0.319	0.311	0.256	0.275

PC-260

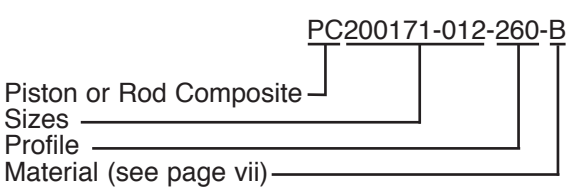
Rotary **P**iston **C**omposite Seal Style **260**



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤300bar
Working Temperature	-30 to +100°C*
Surface Speed	≤1.0 m/s

* Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The PC-260 is a two part rotary seal consisting of a chamfered PTFE sleeve and an elastomer energiser.
The outer PTFE sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in several different compounds depending on the environment the seal is operating in (see page viii).

PC-260

Rotary **P**iston **C**omposite Seal Style **260**

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
PC8-3.1-2.2-260	8.0	3.1	2.2	2.0	1.78
PC10-5.1-2.2-260	10.0	5.1	2.2	2.0	1.78
PC12-7.1-2.2-260	12.0	7.1	2.2	2.0	1.78
PC15-10.1-2.2-260	15.0	10.1	2.2	2.0	1.78
PC16-11.1-2.2-260	16.0	11.1	2.2	2.0	1.78
PC18-13.1-2.2-260	18.0	13.1	2.2	2.0	1.78
PC20-15.1-2.2-260	20.0	15.1	2.2	2.0	1.78
PC22-17.1-2.2-260	22.0	17.1	2.2	2.0	1.78
PC24-19.1-2.2-260	24.0	19.1	2.2	2.0	1.78
PC25-20.1-2.2-260	25.0	20.1	2.2	2.0	1.78
PC28-23.1-2.2-260	28.0	23.1	2.2	2.0	1.78
PC30-22.5-3.2-260	30.0	22.5	3.2	3.0	2.62
PC32-24.5-3.2-260	32.0	24.5	3.2	3.0	2.62
PC35-27.5-3.2-260	35.0	27.5	3.2	3.0	2.62
PC39-31.5-3.2-260	39.0	31.5	3.2	3.0	2.62
PC40-32.5-3.2-260	40.0	32.5	3.2	3.0	2.62
PC42-34.5-3.2-260	42.0	34.5	3.2	3.0	2.62
PC45-37.5-3.2-260	45.0	37.5	3.2	3.0	2.62
PC48-40.5-3.2-260	48.0	40.5	3.2	3.0	2.62
PC50-42.5-3.2-260	50.0	42.5	3.2	3.0	2.62
PC52-44.5-3.2-260	52.0	44.5	3.2	3.0	2.62
PC55-47.5-3.2-260	55.0	47.5	3.2	3.0	2.62
PC60-52.5-3.2-260	60.0	52.5	3.2	3.0	2.62
PC63-55.5-3.2-260	63.0	55.5	3.2	3.0	2.62
PC65-57.5-3.2-260	65.0	57.5	3.2	3.0	2.62
PC70-59-4.2-260	70.0	59.0	4.2	3.9	3.53
PC79-68-4.2-260	79.0	68.0	4.2	3.9	3.53
PC80-69-4.2-260	80.0	69.0	4.2	3.9	3.53
PC85-74-4.2-260	85.0	74.0	4.2	3.9	3.53
PC90-79-4.2-260	90.0	79.0	4.2	3.9	3.53
PC95-84-4.2-260	95.0	84.0	4.2	3.9	3.53
PC100-89-4.2-260	100.0	89.0	4.2	3.9	3.53
PC105-94-4.2-260	105.0	94.0	4.2	3.9	3.53
PC110-99-4.2-260	110.0	99.0	4.2	3.9	3.53
PC115-104-4.2-260	115.0	104.0	4.2	3.9	3.53
PC120-109-4.2-260	120.0	109.0	4.2	3.9	3.53
PC125-114-4.2-260	125.0	114.0	4.2	3.9	3.53
PC130-119-4.2-260	130.0	119.0	4.2	3.9	3.53
PC133-117.5-6.3-260	133.0	117.5	6.3	5.9	5.33
PC140-124.5-6.3-260	140.0	124.5	6.3	5.9	5.33

PC-260

Rotary **P**iston **C**omposite Seal Style **260**

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
PC145-129.5-6.3-260	145.0	129.5	6.3	5.9	5.33
PC150-134.5-6.3-260	150.0	134.5	6.3	5.9	5.33
PC155-139.5-6.3-260	155.0	139.5	6.3	5.9	5.33
PC160-144.5-6.3-260	160.0	144.5	6.3	5.9	5.33
PC165-149.5-6.3-260	165.0	149.5	6.3	5.9	5.33
PC170-154.5-6.3-260	170.0	154.5	6.3	5.9	5.33
PC175-159.5-6.3-260	175.0	159.5	6.3	5.9	5.33
PC180-164.5-6.3-260	180.0	164.5	6.3	5.9	5.33
PC185-169.5-6.3-260	185.0	169.5	6.3	5.9	5.33
PC190-174.5-6.3-260	190.0	174.5	6.3	5.9	5.33
PC195-179.5-6.3-260	195.0	179.5	6.3	5.9	5.33
PC200-184.5-6.3-260	200.0	184.5	6.3	5.9	5.33
PC205-189.5-6.3-260	205.0	189.5	6.3	5.9	5.33
PC210-194.5-6.3-260	210.0	194.5	6.3	5.9	5.33
PC215-199.5-6.3-260	215.0	199.5	6.3	5.9	5.33
PC220-204.5-6.3-260	220.0	204.5	6.3	5.9	5.33
PC225-209.5-6.3-260	225.0	209.5	6.3	5.9	5.33
PC230-214.5-6.3-260	230.0	214.5	6.3	5.9	5.33
PC240-224.5-6.3-260	240.0	224.5	6.3	5.9	5.33
PC250-234.5-6.3-260	250.0	234.5	6.3	5.9	5.33
PC260-244.5-6.3-260	260.0	244.5	6.3	5.9	5.33
PC270-254.5-6.3-260	270.0	254.5	6.3	5.9	5.33
PC280-264.5-6.3-260	280.0	264.5	6.3	5.9	5.33
PC290-274.5-6.3-260	290.0	274.5	6.3	5.9	5.33
PC300-284.5-6.3-260	300.0	284.5	6.3	5.9	5.33
PC310-294.5-6.3-260	310.0	294.5	6.3	5.9	5.33
PC320-304.5-6.3-260	320.0	304.5	6.3	5.9	5.33
PC330-309-8.1-260	330.0	309.0	8.1	7.9	6.99
PC340-319-8.1-260	340.0	319.0	8.1	7.9	6.99
PC350-329-8.1-260	350.0	329.0	8.1	7.9	6.99
PC360-339-8.1-260	360.0	339.0	8.1	7.9	6.99
PC370-349-8.1-260	370.0	349.0	8.1	7.9	6.99
PC380-359-8.1-260	380.0	359.0	8.1	7.9	6.99
PC390-369-8.1-260	390.0	369.0	8.1	7.9	6.99
PC400-379-8.1-260	400.0	379.0	8.1	7.9	6.99
PC410-389-8.1-260	410.0	389.0	8.1	7.9	6.99
PC420-399-8.1-260	420.0	399.0	8.1	7.9	6.99
PC430-409-8.1-260	430.0	409.0	8.1	7.9	6.99
PC440-419-8.1-260	440.0	419.0	8.1	7.9	6.99
PC450-429-8.1-260	450.0	429.0	8.1	7.9	6.99

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

PC-260

Rotary **P**iston **C**omposite Seal Style **260**

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
PC460-439-8.1-260	460.0	439.0	8.1	7.9	6.99
PC470-449-8.1-260	470.0	449.0	8.1	7.9	6.99
PC480-459-8.1-260	480.0	459.0	8.1	7.9	6.99
PC490-469-8.1-260	490.0	469.0	8.1	7.9	6.99
PC500-479-8.1-260	500.0	479.0	8.1	7.9	6.99
PC600-579-8.1-260	600.0	579.0	8.1	7.9	6.99
PC690-662-9.5-260	690.0	662.0	9.5	9.1	8.40
PC700-672-9.5-260	700.0	672.0	9.5	9.1	8.40

PC-260

Rotary **P**iston **C**omposite Seal Style **260**

Imperial Range (inches)

Part Number	D	d	L	C	O-ring c/s
PC037018-009-260	0.375	0.182	0.086	0.079	0.070
PC050031-009-260	0.500	0.307	0.086	0.079	0.070
PC062043-009-260	0.625	0.432	0.086	0.079	0.070
PC075056-009-260	0.750	0.557	0.086	0.079	0.070
PC087068-009-260	0.875	0.682	0.086	0.079	0.070
PC100081-009-260	1.000	0.807	0.086	0.079	0.070
PC112093-009-260	1.125	0.932	0.086	0.079	0.070
PC125096-012-260	1.250	0.955	0.126	0.118	0.103
PC137108-012-260	1.375	1.080	0.126	0.118	0.103
PC150120-012-260	1.500	1.205	0.126	0.118	0.103
PC162133-012-260	1.625	1.330	0.126	0.118	0.103
PC175146-012-260	1.750	1.455	0.126	0.118	0.103
PC187158-012-260	1.875	1.580	0.126	0.118	0.103
PC200171-012-260	2.000	1.705	0.126	0.118	0.103
PC212183-012-260	2.125	1.830	0.126	0.118	0.103
PC225196-012-260	2.250	1.955	0.126	0.118	0.103
PC237208-012-260	2.375	2.080	0.126	0.118	0.103
PC250220-012-260	2.500	2.205	0.126	0.118	0.103
PC262233-012-260	2.625	2.330	0.126	0.118	0.103
PC275246-012-260	2.750	2.455	0.126	0.118	0.103
PC287246-017-260	2.875	2.462	0.165	0.153	0.139
PC300259-017-260	3.000	2.587	0.165	0.153	0.139
PC312271-017-260	3.125	2.712	0.165	0.153	0.139
PC325282-017-260	3.250	2.817	0.165	0.153	0.139
PC350307-017-260	3.500	3.067	0.165	0.153	0.139
PC375332-017-260	3.750	3.317	0.165	0.153	0.139
PC400359-017-260	4.000	3.587	0.165	0.153	0.139
PC425382-017-260	4.250	3.817	0.165	0.153	0.139
PC450407-017-260	4.500	4.067	0.165	0.153	0.139
PC475432-017-260	4.750	4.317	0.165	0.153	0.139
PC500459-017-260	5.000	4.587	0.165	0.153	0.139
PC525464-025-260	5.250	4.640	0.248	0.232	0.210
PC550489-025-260	5.500	4.890	0.248	0.232	0.210
PC575514-025-260	5.750	5.140	0.248	0.232	0.210
PC600539-025-260	6.000	5.390	0.248	0.232	0.210
PC625564-025-260	6.250	5.640	0.248	0.232	0.210
PC650589-025-260	6.500	5.890	0.248	0.232	0.210
PC675614-025-260	6.750	6.140	0.248	0.232	0.210
PC700639-025-260	7.000	6.390	0.248	0.232	0.210
PC725664-025-260	7.250	6.640	0.248	0.232	0.210

PC-260

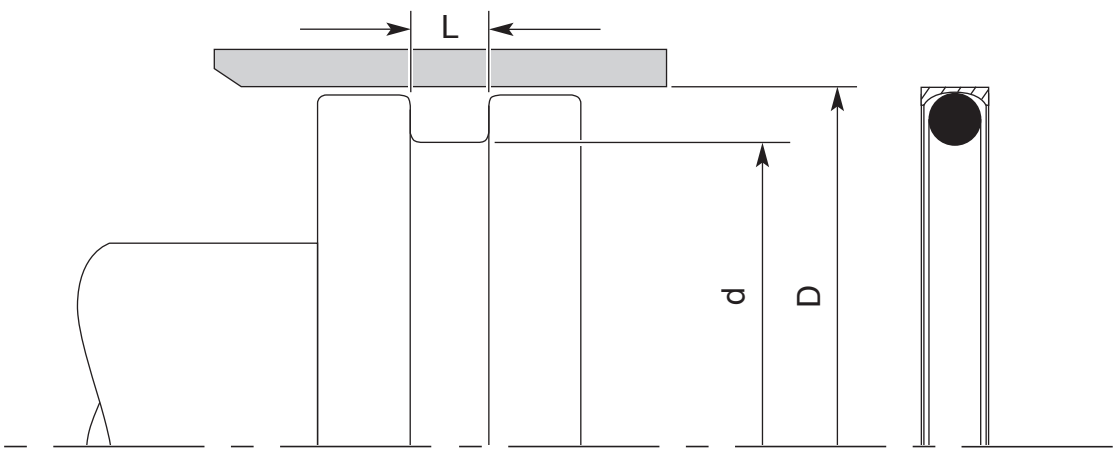
Rotary **P**iston **C**omposite Seal Style **260**

Imperial Range (inches)

Part Number	D	d	L	C	O-ring c/s
PC750689-025-260	7.500	6.890	0.248	0.232	0.210
PC775714-025-260	7.750	7.140	0.248	0.232	0.210
PC800739-025-260	8.000	7.390	0.248	0.232	0.210
PC825764-025-260	8.250	7.640	0.248	0.232	0.210
PC850789-025-260	8.500	7.890	0.248	0.232	0.210
PC875814-025-260	8.750	8.140	0.248	0.232	0.210
PC900839-025-260	9.000	8.390	0.248	0.232	0.210
PC925864-025-260	9.250	8.640	0.248	0.232	0.210
PC950889-025-260	9.500	8.890	0.248	0.232	0.210
PC975914-025-260	9.750	9.140	0.248	0.232	0.210
PC1000939-025-260	10.000	9.390	0.248	0.232	0.210
PC1025964-025-260	10.250	9.640	0.248	0.232	0.210
PC1050989-025-260	10.500	9.890	0.248	0.232	0.210
PC10751014-025-260	10.750	10.140	0.248	0.232	0.210
PC11001039-025-260	11.000	10.390	0.248	0.232	0.210
PC11251064-025-260	11.250	10.640	0.248	0.232	0.210
PC11501089-025-260	11.500	10.890	0.248	0.232	0.210
PC11751114-025-260	11.750	11.140	0.248	0.232	0.210
PC12001139-025-260	12.000	11.390	0.248	0.232	0.210
PC12251164-025-260	12.250	11.640	0.248	0.232	0.210
PC12501189-025-260	12.500	11.890	0.248	0.232	0.210
PC12751214-025-260	12.750	12.140	0.248	0.232	0.210
PC13001217-032-260	13.000	12.173	0.319	0.311	0.275
PC13501267-032-260	13.500	12.673	0.319	0.311	0.275
PC14001317-032-260	14.000	13.173	0.319	0.311	0.275
PC14501367-032-260	14.500	13.673	0.319	0.311	0.275
PC15001417-032-260	15.000	14.173	0.319	0.311	0.275
PC15501467-032-260	15.500	14.673	0.319	0.311	0.275
PC16001517-032-260	16.000	15.173	0.319	0.311	0.275
PC16501567-032-260	16.500	15.673	0.319	0.311	0.275
PC17001617-032-260	17.000	16.173	0.319	0.311	0.275
PC20001917-032-260	20.000	19.173	0.319	0.311	0.275
PC25002417-032-260	25.000	24.173	0.319	0.311	0.275
PC27002617-032-260	27.000	26.173	0.319	0.311	0.275
PC27252590-037-260	27.250	25.898	0.374	0.358	0.331
PC30002890-037-260	30.000	28.898	0.374	0.358	0.331

PC-840

Piston Composite Seal Style 840



Metric Part Number Explained

PC80-70.6-7.1-840-M

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Imperial Part Number Explained

PC200188-028-840-M

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-30 to +100°C*
Surface Speed	≤4 m/s

* Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The PC-840 is a double acting two part seal consisting of a concave PTFE sleeve and an elastomer energiser.
The PTFE sleeve is generally manufactured from modified PTFE however it is also available in various other materials which include bronze, carbon and glass filled PTFE (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

PC-840

Piston **C**omposite Seal Style **840**

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC8-5.1-2.8-840-M	8.0	5.1	2.8	1.78
PC8-5.1-3.8-840-M	8.0	5.1	3.8	1.78
PC8-5.1-5.2-840-M	8.0	5.1	5.2	1.78
PC10-7.1-2.8-840-M	10.0	7.1	2.8	1.78
PC10-7.1-3.8-840-M	10.0	7.1	3.8	1.78
PC10-7.1-5.2-840-M	10.0	7.1	5.2	1.78
PC12-9.1-2.8-840-M	12.0	9.1	2.8	1.78
PC12-9.1-3.8-840-M	12.0	9.1	3.8	1.78
PC12-9.1-5.2-840-M	12.0	9.1	5.2	1.78
PC15-10.5-3.6-840-M	15.0	10.5	3.6	2.62
PC15-10.5-5-840-M	15.0	10.5	5.0	2.62
PC15-10.5-6.4-840-M	15.0	10.5	6.4	2.62
PC16-11.5-3.6-840-M	16.0	11.5	3.6	2.62
PC16-11.5-5-840-M	16.0	11.5	5.0	2.62
PC16-11.5-6.4-840-M	16.0	11.5	6.4	2.62
PC18-13.5-3.6-840-M	18.0	13.5	3.6	2.62
PC18-13.5-5-840-M	18.0	13.5	5.0	2.62
PC18-13.5-6.4-840-M	18.0	13.5	6.4	2.62
PC20-15.5-3.6-840-M	20.0	15.5	3.6	2.62
PC20-15.5-5-840-M	20.0	15.5	5.0	2.62
PC20-15.5-6.4-840-M	20.0	15.5	6.4	2.62
PC22-17.5-3.6-840-M	22.0	17.5	3.6	2.62
PC22-17.5-5-840-M	22.0	17.5	5.0	2.62
PC22-17.5-6.4-840-M	22.0	17.5	6.4	2.62
PC24-19.5-3.6-840-M	24.0	19.5	3.6	2.62
PC24-19.5-5-840-M	24.0	19.5	5.0	2.62
PC24-19.5-6.4-840-M	24.0	19.5	6.4	2.62
PC25-18.8-4.8-840-M	25.0	18.8	4.8	3.53
PC25-18.8-6.2-840-M	25.0	18.8	6.2	3.53
PC25-18.8-7.6-840-M	25.0	18.8	7.6	3.53
PC28-21.8-4.8-840-M	28.0	21.8	4.8	3.53
PC28-21.8-6.2-840-M	28.0	21.8	6.2	3.53
PC28-21.8-7.6-840-M	28.0	21.8	7.6	3.53
PC30-23.8-4.8-840-M	30.0	23.8	4.8	3.53
PC30-23.8-6.2-840-M	30.0	23.8	6.2	3.53
PC30-23.8-7.6-840-M	30.0	23.8	7.6	3.53
PC32-25.8-4.8-840-M	32.0	25.8	4.8	3.53
PC32-25.8-6.2-840-M	32.0	25.8	6.2	3.53
PC32-25.8-7.6-840-M	32.0	25.8	7.6	3.53
PC35-28.8-4.8-840-M	35.0	28.8	4.8	3.53

PC-840

Piston Composite Seal Style 840

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC35-28.8-6.2-840-M	35.0	28.8	6.2	3.53
PC35-28.8-7.6-840-M	35.0	28.8	7.6	3.53
PC40-33.8-4.8-840-M	40.0	33.8	4.8	3.53
PC40-33.8-6.2-840-M	40.0	33.8	6.2	3.53
PC40-33.8-7.6-840-M	40.0	33.8	7.6	3.53
PC42-35.8-4.8-840-M	42.0	35.8	4.8	3.53
PC42-35.8-6.2-840-M	42.0	35.8	6.2	3.53
PC42-35.8-7.6-840-M	42.0	35.8	7.6	3.53
PC45-38.8-4.8-840-M	45.0	38.8	4.8	3.53
PC45-38.8-6.2-840-M	45.0	38.8	6.2	3.53
PC45-38.8-7.6-840-M	45.0	38.8	7.6	3.53
PC48-38.6-7.1-840-M	48.0	38.6	7.1	5.33
PC48-38.6-8.8-840-M	48.0	38.6	8.8	5.33
PC48-38.6-10.5-840-M	48.0	38.6	10.5	5.33
PC50-40.6-7.1-840-M	50.0	40.6	7.1	5.33
PC50-40.6-8.8-840-M	50.0	40.6	8.8	5.33
PC50-40.6-10.5-840-M	50.0	40.6	10.5	5.33
PC52-42.6-7.1-840-M	52.0	42.6	7.1	5.33
PC52-42.6-8.8-840-M	52.0	42.6	8.8	5.33
PC52-42.6-10.5-840-M	52.0	42.6	10.5	5.33
PC55-45.6-7.1-840-M	55.0	45.6	7.1	5.33
PC55-45.6-8.8-840-M	55.0	45.6	8.8	5.33
PC55-45.6-10.5-840-M	55.0	45.6	10.5	5.33
PC58-48.6-7.1-840-M	58.0	48.6	7.1	5.33
PC58-48.6-8.8-840-M	58.0	48.6	8.8	5.33
PC58-48.6-10.5-840-M	58.0	48.6	10.5	5.33
PC60-50.6-7.1-840-M	60.0	50.6	7.1	5.33
PC60-50.6-8.8-840-M	60.0	50.6	8.8	5.33
PC60-50.6-10.5-840-M	60.0	50.6	10.5	5.33
PC63-53.6-7.1-840-M	63.0	53.6	7.1	5.33
PC63-53.6-8.8-840-M	63.0	53.6	8.8	5.33
PC63-53.6-10.5-840-M	63.0	53.6	10.5	5.33
PC65-55.6-7.1-840-M	65.0	55.6	7.1	5.33
PC65-55.6-8.8-840-M	65.0	55.6	8.8	5.33
PC65-55.6-10.5-840-M	65.0	55.6	10.5	5.33
PC70-60.6-7.1-840-M	70.0	60.6	7.1	5.33
PC70-60.6-8.8-840-M	70.0	60.6	8.8	5.33
PC70-60.6-10.5-840-M	70.0	60.6	10.5	5.33
PC75-65.6-7.1-840-M	75.0	65.6	7.1	5.33
PC75-65.6-8.8-840-M	75.0	65.6	8.8	5.33

PC-840

Piston Composite Seal Style 840

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC75-65.6-10.5-840-M	75.0	65.6	10.5	5.33
PC80-70.6-7.1-840-M	80.0	70.6	7.1	5.33
PC80-70.6-8.8-840-M	80.0	70.6	8.8	5.33
PC80-70.6-10.5-840-M	80.0	70.6	10.5	5.33
PC85-75.6-7.1-840-M	85.0	75.6	7.1	5.33
PC85-75.6-8.8-840-M	85.0	75.6	8.8	5.33
PC85-75.6-10.5-840-M	85.0	75.6	10.5	5.33
PC90-80.6-7.1-840-M	90.0	80.6	7.1	5.33
PC90-80.6-8.8-840-M	90.0	80.6	8.8	5.33
PC90-80.6-10.5-840-M	90.0	80.6	10.5	5.33
PC95-85.6-7.1-840-M	95.0	85.6	7.1	5.33
PC95-85.6-8.8-840-M	95.0	85.6	8.8	5.33
PC95-85.6-10.5-840-M	95.0	85.6	10.5	5.33
PC100-90.6-7.1-840-M	100.0	90.6	7.1	5.33
PC100-90.6-8.8-840-M	100.0	90.6	8.8	5.33
PC100-90.6-10.5-840-M	100.0	90.6	10.5	5.33
PC105-95.6-7.1-840-M	105.0	95.6	7.1	5.33
PC105-95.6-8.8-840-M	105.0	95.6	8.8	5.33
PC105-95.6-10.5-840-M	105.0	95.6	10.5	5.33
PC110-100.6-7.1-840-M	110.0	100.6	7.1	5.33
PC110-100.6-8.8-840-M	110.0	100.6	8.8	5.33
PC110-100.6-10.5-840-M	110.0	100.6	10.5	5.33
PC115-105.6-7.1-840-M	115.0	105.6	7.1	5.33
PC115-105.6-8.8-840-M	115.0	105.6	8.8	5.33
PC115-105.6-10.5-840-M	115.0	105.6	10.5	5.33
PC120-110.6-7.1-840-M	120.0	110.6	7.1	5.33
PC120-110.6-8.8-840-M	120.0	110.6	8.8	5.33
PC120-110.6-10.5-840-M	120.0	110.6	10.5	5.33
PC125-112.8-9.5-840-M	125.0	112.8	9.5	6.99
PC125-112.8-12-840-M	125.0	112.8	12.0	6.99
PC125-112.8-14.5-840-M	125.0	112.8	14.5	6.99
PC130-117.8-9.5-840-M	130.0	117.8	9.5	6.99
PC130-117.8-12-840-M	130.0	117.8	12.0	6.99
PC130-117.8-14.5-840-M	130.0	117.8	14.5	6.99
PC135-122.8-9.5-840-M	135.0	122.8	9.5	6.99
PC135-122.8-12-840-M	135.0	122.8	12.0	6.99
PC135-122.8-14.5-840-M	135.0	122.8	14.5	6.99
PC140-127.8-9.5-840-M	140.0	127.8	9.5	6.99
PC140-127.8-12-840-M	140.0	127.8	12.0	6.99
PC140-127.8-14.5-840-M	140.0	127.8	14.5	6.99

PC-840

Piston **C**omposite Seal Style **840**

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC145-132.8-9.5-840-M	145.0	132.8	9.5	6.99
PC145-132.8-12-840-M	145.0	132.8	12.0	6.99
PC145-132.8-14.5-840-M	145.0	132.8	14.5	6.99
PC150-137.8-9.5-840-M	150.0	137.8	9.5	6.99
PC150-137.8-12-840-M	150.0	137.8	12.0	6.99
PC150-137.8-14.5-840-M	150.0	137.8	14.5	6.99
PC155-142.8-9.5-840-M	155.0	142.8	9.5	6.99
PC155-142.8-12-840-M	155.0	142.8	12.0	6.99
PC155-142.8-14.5-840-M	155.0	142.8	14.5	6.99
PC160-147.8-9.5-840-M	160.0	147.8	9.5	6.99
PC160-147.8-12-840-M	160.0	147.8	12.0	6.99
PC160-147.8-14.5-840-M	160.0	147.8	14.5	6.99
PC165-152.8-9.5-840-M	165.0	152.8	9.5	6.99
PC165-152.8-12-840-M	165.0	152.8	12.0	6.99
PC165-152.8-14.5-840-M	165.0	152.8	14.5	6.99
PC170-157.8-9.5-840-M	170.0	157.8	9.5	6.99
PC170-157.8-12-840-M	170.0	157.8	12.0	6.99
PC170-157.8-14.5-840-M	170.0	157.8	14.5	6.99
PC175-162.8-9.5-840-M	175.0	162.8	9.5	6.99
PC175-162.8-12-840-M	175.0	162.8	12.0	6.99
PC175-162.8-14.5-840-M	175.0	162.8	14.5	6.99
PC180-167.8-9.5-840-M	180.0	167.8	9.5	6.99
PC180-167.8-12-840-M	180.0	167.8	12.0	6.99
PC180-167.8-14.5-840-M	180.0	167.8	14.5	6.99
PC185-172.8-9.5-840-M	185.0	172.8	9.5	6.99
PC185-172.8-12-840-M	185.0	172.8	12.0	6.99
PC185-172.8-14.5-840-M	185.0	172.8	14.5	6.99
PC190-177.8-9.5-840-M	190.0	177.8	9.5	6.99
PC190-177.8-12-840-M	190.0	177.8	12.0	6.99
PC190-177.8-14.5-840-M	190.0	177.8	14.5	6.99
PC195-182.8-9.5-840-M	195.0	182.8	9.5	6.99
PC195-182.8-12-840-M	195.0	182.8	12.0	6.99
PC195-182.8-14.5-840-M	195.0	182.8	14.5	6.99
PC200-187.8-9.5-840-M	200.0	187.8.	9.5	6.99
PC200-187.8-12-840-M	200.0	187.8	12.0	6.99
PC200-187.8-14.5-840-M	200.0	187.8	14.5	6.99
PC210-197.8-9.5-840-M	210.0	197.8.	9.5	6.99
PC210-197.8-12-840-M	210.0	197.8	12.0	6.99
PC210-197.8-14.5-840-M	210.0	197.8	14.5	6.99
PC220-207.8-9.5-840-M	220.0	207.8	9.5	6.99

PC-840

Piston **C**omposite Seal Style **840**

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC220-207.8-12-840-M	220.0	207.8	12.0	6.99
PC220-207.8-14.5-840-M	220.0	207.8	14.5	6.99
PC230-217.8-9.5-840-M	230.0	217.8	9.5	6.99
PC230-217.8-12-840-M	230.0	217.8	12.0	6.99
PC230-217.8-14.5-840-M	230.0	217.8	14.5	6.99
PC240-227.8-9.5-840-M	240.0	227.8	9.5	6.99
PC240-227.8-12-840-M	240.0	227.8	12.0	6.99
PC240-227.8-14.5-840-M	240.0	227.8	14.5	6.99
PC250-237.8-9.5-840-M	250.0	237.8	9.5	6.99
PC250-237.8-12-840-M	250.0	237.8	12.0	6.99
PC250-237.8-14.5-840-M	250.0	237.8	14.5	6.99
PC260-247.8-9.5-840-M	260.0	247.8	9.5	6.99
PC260-247.8-12-840-M	260.0	247.8	12.0	6.99
PC260-247.8-14.5-840-M	260.0	247.8	14.5	6.99
PC270-257.8-9.5-840-M	270.0	257.8	9.5	6.99
PC270-257.8-12-840-M	270.0	257.8	12.0	6.99
PC270-257.8-14.5-840-M	270.0	257.8	14.5	6.99
PC280-267.8-9.5-840-M	280.0	267.8	9.5	6.99
PC280-267.8-12-840-M	280.0	267.8	12.0	6.99
PC280-267.8-14.5-840-M	280.0	267.8	14.5	6.99
PC290-277.8-9.5-840-M	290.0	277.8	9.5	6.99
PC290-277.8-12-840-M	290.0	277.8	12.0	6.99
PC290-277.8-14.5-840-M	290.0	277.8	14.5	6.99
PC300-287.8-9.5-840-M	300.0	287.8	9.5	6.99
PC300-287.8-12-840-M	300.0	287.8	12.0	6.99
PC300-287.8-14.5-840-M	300.0	287.8	14.5	6.99
PC310-297.8-9.5-840-M	310.0	297.8	9.5	6.99
PC310-297.8-12-840-M	310.0	297.8	12.0	6.99
PC310-297.8-14.5-840-M	310.0	297.8	14.5	6.99
PC320-307.8-9.5-840-M	320.0	307.8	9.5	6.99
PC320-307.8-12-840-M	320.0	307.8	12.0	6.99
PC320-307.8-14.5-840-M	320.0	307.8	14.5	6.99
PC330-317.8-9.5-840-M	330.0	317.8	9.5	6.99
PC330-317.8-12-840-M	330.0	317.8	12.0	6.99
PC330-317.8-14.5-840-M	330.0	317.8	14.5	6.99
PC340-327.8-9.5-840-M	340.0	327.8	9.5	6.99
PC340-327.8-12-840-M	340.0	327.8	12.0	6.99
PC340-327.8-14.5-840-M	340.0	327.8	14.5	6.99
PC350-337.8-9.5-840-M	350.0	337.8	9.5	6.99
PC350-337.8-12-840-M	350.0	337.8	12.0	6.99

PC-840

Piston Composite Seal Style 840

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC350-337.8-14.5-840-M	350.0	337.8	14.5	6.99
PC360-347.8-9.5-840-M	360.0	347.8	9.5	6.99
PC360-347.8-12-840-M	360.0	347.8	12.0	6.99
PC360-347.8-14.5-840-M	360.0	347.8	14.5	6.99
PC370-357.8-9.5-840-M	370.0	357.8	9.5	6.99
PC370-357.8-12-840-M	370.0	357.8	12.0	6.99
PC370-357.8-14.5-840-M	370.0	357.8	14.5	6.99
PC380-367.8-9.5-840-M	380.0	367.8	9.5	6.99
PC380-367.8-12-840-M	380.0	367.8	12.0	6.99
PC380-367.8-14.5-840-M	380.0	367.8	14.5	6.99
PC390-377.8-9.5-840-M	390.0	377.8	9.5	6.99
PC390-377.8-12-840-M	390.0	377.8	12.0	6.99
PC390-377.8-14.5-840-M	390.0	377.8	14.5	6.99
PC400-387.8-9.5-840-M	400.0	387.8	9.5	6.99
PC400-387.8-12-840-M	400.0	387.8	12.0	6.99
PC400-387.8-14.5-840-M	400.0	387.8	14.5	6.99

PC-840

Piston **C**omposite Seal Style **840**

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
PC031020-011-840-M	0.312	0.198	0.110	0.070
PC031020-015-840-M	0.312	0.198	0.150	0.070
PC031020-021-840-M	0.312	0.198	0.205	0.070
PC037026-011-840-M	0.375	0.261	0.110	0.070
PC037026-015-840-M	0.375	0.261	0.150	0.070
PC037026-021-840-M	0.375	0.261	0.205	0.070
PC050039-011-840-M	0.500	0.386	0.110	0.070
PC050039-015-840-M	0.500	0.386	0.150	0.070
PC050039-021-840-M	0.500	0.386	0.205	0.070
PC062045-014-840-M	0.625	0.448	0.142	0.103
PC062045-020-840-M	0.625	0.448	0.197	0.103
PC062045-025-840-M	0.625	0.448	0.252	0.103
PC075064-014-840-M	0.750	0.636	0.142	0.103
PC075064-020-840-M	0.750	0.636	0.197	0.103
PC075064-025-840-M	0.750	0.636	0.252	0.103
PC100076-019-840-M	1.000	0.756	0.189	0.139
PC100076-024-840-M	1.000	0.756	0.244	0.139
PC100076-030-840-M	1.000	0.756	0.299	0.139
PC125101-019-840-M	1.250	1.006	0.189	0.139
PC125101-024-840-M	1.250	1.006	0.244	0.139
PC125101-030-840-M	1.250	1.006	0.299	0.139
PC150126-019-840-M	1.500	1.256	0.189	0.139
PC150126-024-840-M	1.500	1.256	0.244	0.139
PC150126-030-840-M	1.500	1.256	0.299	0.139
PC175151-019-840-M	1.750	1.506	0.189	0.139
PC175151-024-840-M	1.750	1.506	0.244	0.139
PC175151-030-840-M	1.750	1.506	0.299	0.139
PC200163-028-840-M	2.000	1.629	0.279	0.210
PC200163-035-840-M	2.000	1.629	0.346	0.210
PC200163-041-840-M	2.000	1.629	0.413	0.210
PC225188-028-840-M	2.250	1.880	0.279	0.210
PC225188-035-840-M	2.250	1.880	0.346	0.210
PC225188-041-840-M	2.250	1.880	0.413	0.210
PC250213-028-840-M	2.500	2.130	0.279	0.210
PC250213-035-840-M	2.500	2.130	0.346	0.210
PC250213-041-840-M	2.500	2.130	0.413	0.210
PC275238-028-840-M	2.750	2.380	0.279	0.210
PC275238-035-840-M	2.750	2.380	0.346	0.210
PC275238-041-840-M	2.750	2.380	0.413	0.210
PC300263-028-840-M	3.000	2.629	0.279	0.210

PC-840

Piston **C**omposite Seal Style **840**

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
PC300263-035-840-M	3.000	2.629	0.346	0.210
PC300263-041-840-M	3.000	2.629	0.413	0.210
PC325288-028-840-M	3.250	2.880	0.279	0.210
PC325288-035-840-M	3.250	2.880	0.346	0.210
PC325288-041-840-M	3.250	2.880	0.413	0.210
PC350313-028-840-M	3.500	3.130	0.279	0.210
PC350313-035-840-M	3.500	3.130	0.346	0.210
PC350313-041-840-M	3.500	3.130	0.413	0.210
PC375338-028-840-M	3.750	3.380	0.279	0.210
PC375338-035-840-M	3.750	3.380	0.346	0.210
PC375338-041-840-M	3.750	3.380	0.413	0.210
PC400363-028-840-M	4.000	3.629	0.279	0.210
PC400363-035-840-M	4.000	3.629	0.346	0.210
PC400363-041-840-M	4.000	3.629	0.413	0.210
PC425388-028-840-M	4.250	3.880	0.279	0.210
PC425388-035-840-M	4.250	3.880	0.346	0.210
PC425388-041-840-M	4.250	3.880	0.413	0.210
PC450413-028-840-M	4.500	4.130	0.279	0.210
PC450413-035-840-M	4.500	4.130	0.346	0.210
PC450413-041-840-M	4.500	4.130	0.413	0.210
PC475438-028-840-M	4.750	4.380	0.279	0.210
PC475438-035-840-M	4.750	4.380	0.346	0.210
PC475438-041-840-M	4.750	4.380	0.413	0.210
PC500452-037-840-M	5.000	4.520	0.374	0.275
PC500452-047-840-M	5.000	4.520	0.472	0.275
PC500452-057-840-M	5.000	4.520	0.570	0.275
PC525477-037-840-M	5.250	4.770	0.374	0.275
PC525477-047-840-M	5.250	4.770	0.472	0.275
PC525477-057-840-M	5.250	4.770	0.570	0.275
PC550502-037-840-M	5.500	5.020	0.374	0.275
PC550502-047-840-M	5.500	5.020	0.472	0.275
PC550502-057-840-M	5.500	5.020	0.570	0.275
PC575527-037-840-M	5.750	5.270	0.374	0.275
PC575527-047-840-M	5.750	5.270	0.472	0.275
PC575527-057-840-M	5.750	5.270	0.570	0.275
PC600552-037-840-M	6.000	5.520	0.374	0.275
PC600552-047-840-M	6.000	5.520	0.472	0.275
PC600552-057-840-M	6.000	5.520	0.570	0.275
PC625577-037-840-M	6.250	5.770	0.374	0.275
PC625577-047-840-M	6.250	5.770	0.472	0.275

PC-840

Piston **C**omposite Seal Style **840**

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
PC625577-057-840-M	6.250	5.770	0.570	0.275
PC650602-037-840-M	6.500	6.020	0.374	0.275
PC650602-047-840-M	6.500	6.020	0.472	0.275
PC650602-057-840-M	6.500	6.020	0.570	0.275
PC675627-037-840-M	6.750	6.270	0.374	0.275
PC675627-047-840-M	6.750	6.270	0.472	0.275
PC675627-057-840-M	6.750	6.270	0.570	0.275
PC700652-037-840-M	7.000	6.520	0.374	0.275
PC700652-047-840-M	7.000	6.520	0.472	0.275
PC700652-057-840-M	7.000	6.520	0.570	0.275
PC725677-037-840-M	7.250	6.770	0.374	0.275
PC725677-047-840-M	7.250	6.770	0.472	0.275
PC725677-057-840-M	7.250	6.770	0.570	0.275
PC750702-037-840-M	7.500	7.020	0.374	0.275
PC750702-047-840-M	7.500	7.020	0.472	0.275
PC750702-057-840-M	7.500	7.020	0.570	0.275
PC775727-037-840-M	7.750	7.270	0.374	0.275
PC775727-047-840-M	7.750	7.270	0.472	0.275
PC775727-057-840-M	7.750	7.270	0.570	0.275
PC800752-037-840-M	8.000	7.520	0.374	0.275
PC800752-047-840-M	8.000	7.520	0.472	0.275
PC800752-057-840-M	8.000	7.520	0.570	0.275
PC825777-037-840-M	8.250	7.770	0.374	0.275
PC825777-047-840-M	8.250	7.770	0.472	0.275
PC825777-057-840-M	8.250	7.770	0.570	0.275
PC850802-037-840-M	8.500	8.020	0.374	0.275
PC850802-047-840-M	8.500	8.020	0.472	0.275
PC850802-057-840-M	8.500	8.020	0.570	0.275
PC875827-037-840-M	8.750	8.270	0.374	0.275
PC875827-047-840-M	8.750	8.270	0.472	0.275
PC875827-057-840-M	8.750	8.270	0.570	0.275
PC900852-037-840-M	9.000	8.520	0.374	0.275
PC900852-047-840-M	9.000	8.520	0.472	0.275
PC900852-057-840-M	9.000	8.520	0.570	0.275
PC925877-037-840-M	9.250	8.770	0.374	0.275
PC925877-047-840-M	9.250	8.770	0.472	0.275
PC925877-057-840-M	9.250	8.770	0.570	0.275
PC950902-037-840-M	9.500	9.020	0.374	0.275
PC950902-047-840-M	9.500	9.020	0.472	0.275
PC950902-057-840-M	9.500	9.020	0.570	0.275

PC-840

Piston **C**omposite Seal Style **840**

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
PC975927-037-840-M	9.750	9.270	0.374	0.275
PC975927-047-840-M	9.750	9.270	0.472	0.275
PC975927-057-840-M	9.750	9.270	0.570	0.275
PC1000952-037-840-M	10.000	9.520	0.374	0.275
PC1000952-047-840-M	10.000	9.520	0.472	0.275
PC1000952-057-840-M	10.000	9.520	0.570	0.275
PC1025977-037-840-M	10.250	9.770	0.374	0.275
PC1025977-047-840-M	10.250	9.770	0.472	0.275
PC1025977-057-840-M	10.250	9.770	0.570	0.275
PC10501002-037-840-M	10.500	10.020	0.374	0.275
PC10501002-047-840-M	10.500	10.020	0.472	0.275
PC10501002-057-840-M	10.500	10.020	0.570	0.275
PC10751027-037-840-M	10.750	10.270	0.374	0.275
PC10751027-047-840-M	10.750	10.270	0.472	0.275
PC10751027-057-840-M	10.750	10.270	0.570	0.275
PC11001052-037-840-M	11.000	10.520	0.374	0.275
PC11001052-047-840-M	11.000	10.520	0.472	0.275
PC11001052-057-840-M	11.000	10.520	0.570	0.275
PC11501102-037-840-M	11.500	11.020	0.374	0.275
PC11501102-047-840-M	11.500	11.020	0.472	0.275
PC11501102-057-840-M	11.500	11.020	0.570	0.275
PC12001152-037-840-M	12.000	11.520	0.374	0.275
PC12001152-047-840-M	12.000	11.520	0.472	0.275
PC12001152-057-840-M	12.000	11.520	0.570	0.275
PC12501202-037-840-M	12.500	12.020	0.374	0.275
PC12501202-047-840-M	12.500	12.020	0.472	0.275
PC12501202-057-840-M	12.500	12.020	0.570	0.275
PC13001252-037-840-M	13.000	12.520	0.374	0.275
PC13001252-047-840-M	13.000	12.520	0.472	0.275
PC13001252-057-840-M	13.000	12.520	0.570	0.275
PC13501302-037-840-M	13.500	13.020	0.374	0.275
PC13501302-047-840-M	13.500	13.020	0.472	0.275
PC13501302-057-840-M	13.500	13.020	0.570	0.275
PC14001352-037-840-M	14.000	13.520	0.374	0.275
PC14001352-047-840-M	14.000	13.520	0.472	0.275
PC14001352-057-840-M	14.000	13.520	0.570	0.275
PC14501402-037-840-M	14.500	14.020	0.374	0.275
PC14501402-047-840-M	14.500	14.020	0.472	0.275
PC14501402-057-840-M	14.500	14.020	0.570	0.275
PC15001452-037-840-M	15.000	14.520	0.374	0.275

PC-840

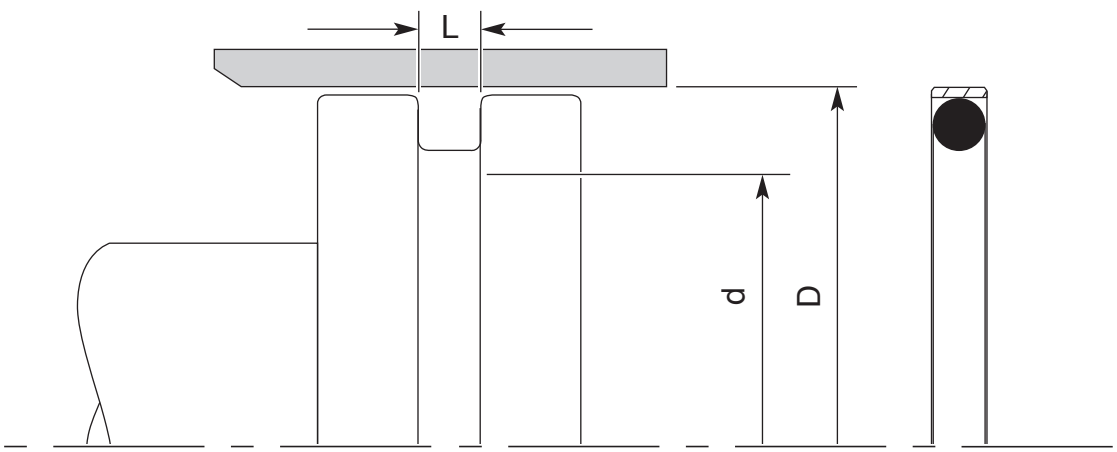
Piston **C**omposite Seal Style **840**

Imperial Range (inches)

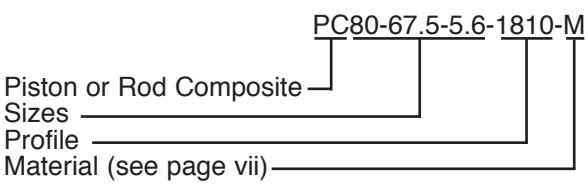
Part Number	D	d	L	O-ring c/s
PC15001452-047-840-M	15.000	14.520	0.472	0.275
PC15001452-057-840-M	15.000	14.520	0.570	0.275
PC15501502-037-840-M	15.500	15.020	0.374	0.275
PC15501502-047-840-M	15.500	15.020	0.472	0.275
PC15501502-057-840-M	15.500	15.020	0.570	0.275
PC16001552-037-840-M	16.000	15.520	0.374	0.275
PC16001552-047-840-M	16.000	15.520	0.472	0.275
PC16001552-057-840-M	16.000	15.520	0.570	0.275
PC16501602-037-840-M	16.500	16.020	0.374	0.275
PC16501602-047-840-M	16.500	16.020	0.472	0.275
PC16501602-057-840-M	16.500	16.020	0.570	0.275
PC17001652-037-840-M	17.000	16.520	0.374	0.275
PC17001652-047-840-M	17.000	16.520	0.472	0.275
PC17001652-057-840-M	17.000	16.520	0.570	0.275
PC17501702-037-840-M	17.500	17.020	0.374	0.275
PC17501702-047-840-M	17.500	17.020	0.472	0.275
PC17501702-057-840-M	17.500	17.020	0.570	0.275
PC18001752-037-840-M	18.000	17.520	0.374	0.275
PC18001752-047-840-M	18.000	17.520	0.472	0.275
PC18001752-057-840-M	18.000	17.520	0.570	0.275

PC-1810

Piston Composite Seal Style 1810



Part Number Explained



Operating Conditions	
Working Pressure	≤160bar
Working Temperature	-30 to +100°C*
Surface Speed	≤8 m/s

* Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The PC-1810 is a double acting two part seal consisting of a light duty PTFE sleeve and an elastomer energiser.
The PTFE sleeve is generally manufactured in modified PTFE but is also available in other compounds which include bronze, carbon and glass filled PTFE (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

PC-1810

Piston **C**omposite Seal Style **1810**

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC7-3-2-1810-M	7.0	3.0	2.0	1.78
PC8-4-2-1810-M	8.0	4.0	2.0	1.78
PC9-5-2-1810-M	9.0	5.0	2.0	1.78
PC10-6-2-1810-M	10.0	6.0	2.0	1.78
PC11-7-2-1810-M	11.0	7.0	2.0	1.78
PC12-8-2-1810-M	12.0	8.0	2.0	1.78
PC16-10-2.8-1810-M	16.0	10.0	2.85	2.62
PC18-12-2.8-1810-M	18.0	12.0	2.85	2.62
PC20-14-2.8-1810-M	20.0	14.0	2.85	2.62
PC22-16-2.8-1810-M	22.0	16.0	2.85	2.62
PC25-19-2.8-1810-M	25.0	19.0	2.85	2.62
PC27-19.5-3.8-1810-M	27.0	19.5	3.80	3.53
PC28-20.5-3.8-1810-M	28.0	20.5	3.80	3.53
PC30-22.5-3.8-1810-M	30.0	22.5	3.80	3.53
PC32-24.5-3.8-1810-M	32.0	24.5	3.80	3.53
PC34-25.5-3.8-1810-M	34.0	25.5	3.80	3.53
PC35-27.5-3.8-1810-M	35.0	27.5	3.80	3.53
PC37-29.5-3.8-1810-M	37.0	29.5	3.80	3.53
PC38-30.5-3.8-1810-M	38.0	30.5	3.80	3.53
PC40-32.5-3.8-1810-M	40.0	32.5	3.80	3.53
PC42-34.5-3.8-1810-M	42.0	34.5	3.80	3.53
PC43-35.5-3.8-1810-M	43.0	35.5	3.80	3.53
PC44-36.5-3.8-1810-M	44.0	36.5	3.80	3.53
PC50-37.5-5.6-1810-M	50.0	37.5	5.60	5.33
PC55-42.5-5.6-1810-M	55.0	42.5	5.60	5.33
PC58-45.5-5.6-1810-M	58.0	45.5	5.60	5.33
PC60-47.5-5.6-1810-M	60.0	47.5	5.60	5.33
PC63-50.5-5.6-1810-M	63.0	50.5	5.60	5.33
PC67-54.5-5.6-1810-M	67.0	54.5	5.60	5.33
PC70-57.5-5.6-1810-M	70.0	57.5	5.60	5.33
PC72-59.5-5.6-1810-M	72.0	59.5	5.60	5.33
PC75-62.5-5.6-1810-M	75.0	62.5	5.60	5.33
PC80-67.5-5.6-1810-M	80.0	67.5	5.60	5.33
PC82-69.5-5.6-1810-M	82.0	69.5	5.60	5.33
PC85-72.5-5.6-1810-M	85.0	72.5	5.60	5.33
PC90-77.5-5.6-1810-M	90.0	77.5	5.60	5.33
PC92-79.5-5.6-1810-M	92.0	79.5	5.60	5.33
PC95-82.5-5.6-1810-M	95.0	82.5	5.60	5.33
PC100-87.5-5.6-1810-M	100.0	87.5	5.60	5.33
PC102-89.5-5.6-1810-M	102.0	89.5	5.60	5.33

PC-1810

Piston Composite Seal Style 1810

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC105-92.5-5.6-1810-M	105.0	92.5	5.60	5.33
PC108-95.5-5.6-1810-M	108.0	95.5	5.60	5.33
PC110-97.5-5.6-1810-M	110.0	97.5	5.60	5.33
PC115-102.5-5.6-1810-M	115.0	102.5	5.60	5.33
PC118-105.5-5.6-1810-M	118.0	105.5	5.60	5.33
PC120-107.5-5.6-1810-M	120.0	107.5	5.60	5.33
PC125-112.5-5.6-1810-M	125.0	112.5	5.60	5.33
PC130-115-7.5-1810-M	130.0	115.0	7.55	6.99
PC135-120-7.5-1810-M	135.0	120.0	7.55	6.99
PC137-122-7.5-1810-M	137.0	122.0	7.55	6.99
PC140-125-7.5-1810-M	140.0	125.0	7.55	6.99
PC143-128-7.5-1810-M	143.0	128.0	7.55	6.99
PC145-130-7.5-1810-M	145.0	130.0	7.55	6.99
PC150-135-7.5-1810-M	150.0	135.0	7.55	6.99
PC153-138-7.5-1810-M	153.0	138.0	7.55	6.99
PC155-140-7.5-1810-M	155.0	140.0	7.55	6.99
PC158-143-7.5-1810-M	158.0	143.0	7.55	6.99
PC160-145-7.5-1810-M	160.0	145.0	7.55	6.99
PC165-150-7.5-1810-M	165.0	150.0	7.55	6.99
PC170-155-7.5-1810-M	170.0	155.0	7.55	6.99
PC180-162-7.5-1810-M	180.0	162.0	7.55	6.99
PC185-167-7.5-1810-M	185.0	167.0	7.55	6.99
PC190-172-7.5-1810-M	190.0	172.0	7.55	6.99
PC195-177-7.5-1810-M	195.0	177.0	7.55	6.99
PC200-182-7.5-1810-M	200.0	182.0	7.55	6.99
PC210-192-7.5-1810-M	210.0	192.0	7.55	6.99
PC215-197-7.5-1810-M	215.0	197.0	7.55	6.99
PC220-202-7.5-1810-M	220.0	202.0	7.55	6.99
PC240-216-7.5-1810-M	240.0	216.0	7.55	6.99
PC250-226-7.5-1810-M	250.0	226.0	7.55	6.99
PC260-236-7.5-1810-M	260.0	236.0	7.55	6.99
PC280-256-7.5-1810-M	280.0	256.0	7.55	6.99
PC290-266-7.5-1810-M	290.0	266.0	7.55	6.99
PC300-276-7.5-1810-M	300.0	276.0	7.55	6.99
PC320-296-7.5-1810-M	320.0	296.0	7.55	6.99
PC330-306-7.5-1810-M	330.0	306.0	7.55	6.99
PC340-316-7.5-1810-M	340.0	316.0	7.55	6.99
PC360-336-7.5-1810-M	360.0	336.0	7.55	6.99
PC370-346-7.5-1810-M	370.0	346.0	7.55	6.99
PC380-356-7.5-1810-M	380.0	356.0	7.55	6.99

PC-1810

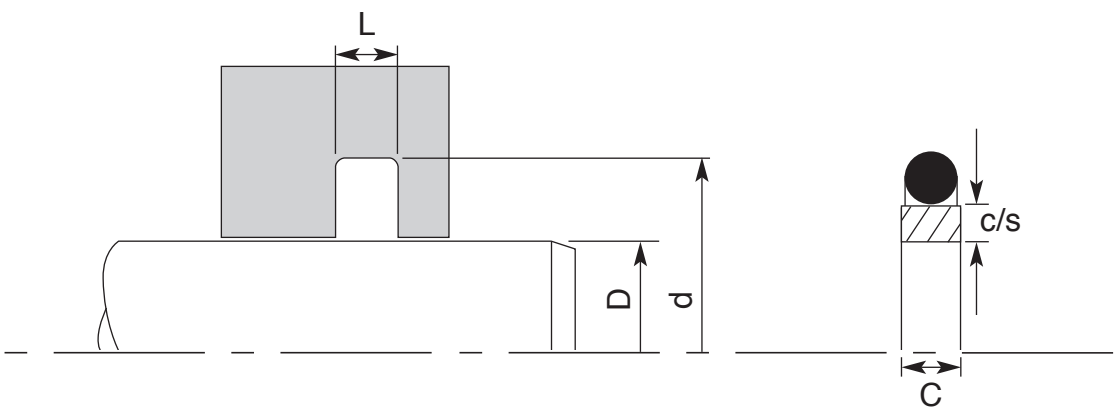
Piston Composite Seal Style 1810

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
PC400-376-7.5-1810-M	400.0	376.0	7.55	6.99
PC410-386-7.5-1810-M	410.0	386.0	7.55	6.99

RC-100

Rod Composite Seal Style 100



Metric Part Number Explained

RC70-85.5-6.3-100-B

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Imperial Part Number Explained

RC200261-025-100-B

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Operating Conditions	
Working Pressure	≤400bar*
Working Temperature	-30 to +100°C**
Surface Speed	≤8 m/s

* Up to 800 bar with reduced extrusion gap.
** Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The RC-100 is a double acting two part seal consisting of a chamfered PTFE sleeve and an elastomer energiser.
The PTFE inner sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

RC-100

Rod Composite Seal Style 100

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC4-8.9-2.2-100	4.0	8.9	2.2	2.0	1.0	1.78
RC5-9.9-2.2-100	5.0	9.9	2.2	2.0	1.0	1.78
RC7-11.9-2.2-100	7.0	11.9	2.2	2.0	1.0	1.78
RC7-13-3.6-100	7.0	13.0	3.6	3.35	1.0	2.62
RC8-15.5-3.2-100	8.0	15.5	3.2	3.0	1.7	2.62
RC8-14-3.6-100	8.0	14.0	3.6	3.35	1.0	2.62
RC9-15-3.6-100	9.0	15.0	3.6	3.35	1.0	2.62
RC10-17.5-3.2-100	10.0	17.5	3.2	3.0	1.7	2.62
RC10-16-3.6-100	10.0	16.0	3.6	3.35	1.0	2.62
RC11-17-3.6-100	11.0	17.0	3.6	3.35	1.0	2.62
RC12-19.5-3.2-100	12.0	19.5	3.2	3.0	1.7	2.62
RC13-19-3.6-100	13.0	19.0	3.6	3.35	1.0	2.62
RC14-21.5-3.2-100	14.0	21.5	3.2	3.0	1.7	2.62
RC14-20-3.6-100	14.0	20.0	3.6	3.35	1.0	2.62
RC15-22.5-3.2-100	15.0	22.5	3.2	3.0	1.7	2.62
RC15-21-3.6-100	15.0	21.0	3.6	3.35	1.0	2.62
RC16-23.5-3.2-100	16.0	23.5	3.2	3.0	1.7	2.62
RC16-22-3.6-100	16.0	22.0	3.6	3.35	1.0	2.62
RC17-23-3.6-100	17.0	23.0	3.6	3.35	1.0	2.62
RC18-25.5-3.2-100	18.0	25.5	3.2	3.0	1.7	2.62
RC18-26-4.8-100	18.0	26.0	4.8	4.55	1.15	3.53
RC20-31-4.2-100	20.0	31.0	4.2	3.9	2.5	3.53
RC20-28-4.8-100	20.0	28.0	4.8	4.55	1.15	3.53
RC22-30-4.8-100	22.0	30.0	4.8	4.55	1.15	3.53
RC22-33-4.2-100	22.0	33.0	4.2	3.9	2.5	3.53
RC23-31-4.8-100	23.0	31.0	4.8	4.55	1.15	3.53
RC24-32-4.8-100	24.0	32.0	4.8	4.55	1.15	3.53
RC24-35-4.2-100	24.0	35.0	4.2	3.9	2.5	3.53
RC25-33-4.8-100	25.0	33.0	4.8	4.55	1.15	3.53
RC25-36-4.2-100	25.0	36.0	4.2	3.9	2.5	3.53
RC26-34-4.8-100	26.0	34.0	4.8	4.55	1.15	3.53
RC26-37-4.2-100	26.0	37.0	4.2	3.9	2.5	3.53
RC27-35-4.8-100	27.0	35.0	4.8	4.55	1.15	3.53
RC28-36-4.8-100	28.0	36.0	4.8	4.55	1.15	3.53
RC28-39-4.2-100	28.0	39.0	4.2	3.9	2.5	3.53
RC30-38-4.8-100	30.0	38.0	4.8	4.55	1.15	3.53
RC30-41-4.2-100	30.0	41.0	4.2	3.9	2.5	3.53
RC32-40-4.8-100	32.0	40.0	4.8	4.55	1.15	3.53
RC32-43-4.2-100	32.0	43.0	4.2	3.9	2.5	3.53
RC34-42-4.8-100	34.0	42.0	4.8	4.55	1.15	3.53

RC-100

Rod Composite Seal Style 100

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC35-43-4.8-100	35.0	43.0	4.8	4.55	1.15	3.53
RC35-46-4.2-100	35.0	46.0	4.2	3.9	2.5	3.53
RC36-44-4.8-100	36.0	44.0	4.8	4.55	1.15	3.53
RC37-48-4.2-100	37.0	48.0	4.2	3.9	2.5	3.53
RC38-46-4.8-100	38.0	46.0	4.8	4.55	1.15	3.53
RC38-53.5-6.3-100	38.0	53.5	6.3	5.9	3.5	5.33
RC40-55.5-6.3-100	40.0	55.5	6.3	5.9	3.5	5.33
RC40-48-4.8-100	40.0	48.0	4.8	4.55	1.15	3.53
RC42-50-4.8-100	42.0	50.0	4.8	4.55	1.15	3.53
RC42-57.5-6.3-100	42.0	57.5	6.3	5.9	3.5	5.33
RC44-52-4.8-100	44.0	52.0	4.8	4.55	1.15	3.53
RC45-53-4.8-100	45.0	53.0	4.8	4.55	1.15	3.53
RC45-60.5-6.3-100	45.0	60.5	6.3	5.9	3.5	5.33
RC48-63.5-6.3-100	48.0	63.5	6.3	5.9	3.5	5.33
RC50-62.4-7.1-100	50.0	62.4	7.15	6.9	1.7	5.33
RC50-65.5-6.3-100	50.0	65.5	6.3	5.9	3.5	5.33
RC52-64.4-7.1-100	52.0	64.4	7.15	6.9	1.7	5.33
RC52-67.5-6.3-100	52.0	67.5	6.3	5.9	3.5	5.33
RC55-67.4-7.1-100	55.0	67.4	7.15	6.9	1.7	5.33
RC55-70.5-6.3-100	55.0	70.5	6.3	5.9	3.5	5.33
RC56-68.4-7.1-100	56.0	68.4	7.15	6.9	1.7	5.33
RC58-73.5-6.3-100	58.0	73.5	6.3	5.9	3.5	5.33
RC60-72.4-7.1-100	60.0	72.4	7.15	6.9	1.7	5.33
RC60-75.5-6.3-100	60.0	75.5	6.3	5.9	3.5	5.33
RC63-75.4-7.1-100	63.0	75.4	7.15	6.9	1.7	5.33
RC65-77.4-7.1-100	65.0	77.4	7.15	6.9	1.7	5.33
RC65-80.5-6.3-100	65.0	80.5	6.3	5.9	3.5	5.33
RC70-82.4-7.1-100	70.0	82.4	7.15	6.9	1.7	5.33
RC70-85.5-6.3-100	70.0	85.5	6.3	5.9	3.5	5.33
RC75-87.4-7.1-100	75.0	87.4	7.15	6.9	1.7	5.33
RC75-90.5-6.3-100	75.0	90.5	6.3	5.9	3.5	5.33
RC80-92.4-7.1-100	80.0	92.4	7.15	6.9	1.7	5.33
RC80-95.5-6.3-100	80.0	95.5	6.3	5.9	3.5	5.33
RC85-97.4-7.1-100	85.0	97.4	7.15	6.9	1.7	5.33
RC85-100.5-6.3-100	85.0	100.5	6.3	5.9	3.5	5.33
RC90-102.4-7.1-100	90.0	102.4	7.15	6.9	1.7	5.33
RC90-105.5-6.3-100	90.0	105.5	6.3	5.9	3.5	5.33
RC95-107.4-7.1-100	95.0	107.4	7.15	6.9	1.7	5.33
RC95-110.5-6.3-100	95.0	110.5	6.3	5.9	3.5	5.33
RC100-112.4-7.1-100	100.0	112.4	7.15	6.9	1.7	5.33

RC-100

Rod Composite Seal Style 100

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC100-115.5-6.3-100	100.0	115.5	6.3	5.9	3.5	5.33
RC105-117.4-7.1-100	105.0	117.4	7.15	6.9	1.7	5.33
RC105-120.5-6.3-100	105.0	120.5	6.3	5.9	3.5	5.33
RC110-122.4-7.1-100	110.0	122.4	7.15	6.9	1.7	5.33
RC110-125.5-6.3-100	110.0	125.5	6.3	5.9	3.5	5.33
RC115-130.5-6.3-100	115.0	130.5	6.3	5.9	3.5	5.33
RC120-135.5-6.3-100	120.0	135.5	6.3	5.9	3.5	5.33
RC120-136.8-9.5-100	120.0	136.8	9.5	9.3	2.65	6.99
RC125-140.5-6.3-100	125.0	140.5	6.3	5.9	3.5	5.33
RC125-141.8-9.5-100	125.0	141.8	9.5	9.3	2.65	6.99
RC130-145.5-6.3-100	130.0	145.5	6.3	5.9	3.5	5.33
RC130-146.8-9.5-100	130.0	146.8	9.5	9.3	2.65	6.99
RC135-150.5-6.3-100	135.0	150.5	6.3	5.9	3.5	5.33
RC135-151.8-9.5-100	135.0	151.8	9.5	9.3	2.65	6.99
RC140-155.5-6.3-100	140.0	155.5	6.3	5.9	3.5	5.33
RC140-156.8-9.5-100	140.0	156.8	9.5	9.3	2.65	6.99
RC145-160.5-6.3-100	145.0	160.5	6.3	5.9	3.5	5.33
RC145-161.8-9.5-100	145.0	161.8	9.5	9.3	2.65	6.99
RC150-165.5-6.3-100	150.0	165.5	6.3	5.9	3.5	5.33
RC150-166.8-9.5-100	150.0	166.8	9.5	9.3	2.65	6.99
RC155-170.5-6.3-100	155.0	170.5	6.3	5.9	3.5	5.33
RC155-171.8-9.5-100	155.0	171.8	9.5	9.3	2.65	6.99
RC160-175.5-6.3-100	160.0	175.5	6.3	5.9	3.5	5.33
RC160-176.8-9.5-100	160.0	176.8	9.5	9.3	2.65	6.99
RC165-180.5-6.3-100	165.0	180.5	6.3	5.9	3.5	5.33
RC170-185.5-6.3-100	170.0	185.5	6.3	5.9	3.5	5.33
RC175-190.5-6.3-100	175.0	190.5	6.3	5.9	3.5	5.33
RC180-195.5-6.3-100	180.0	195.5	6.3	5.9	3.5	5.33
RC185-200.5-6.3-100	185.0	200.5	6.3	5.9	3.5	5.33
RC190-205.5-6.3-100	190.0	205.5	6.3	5.9	3.5	5.33
RC195-210.5-6.3-100	195.0	210.5	6.3	5.9	3.5	5.33
RC200-221-8.1-100	200.0	221.0	8.1	7.9	4.8	6.99
RC210-231-8.1-100	210.0	231.0	8.1	7.9	4.8	6.99
RC220-241-8.1-100	220.0	241.0	8.1	7.9	4.8	6.99
RC230-251-8.1-100	230.0	251.0	8.1	7.9	4.8	6.99
RC240-261-8.1-100	240.0	261.0	8.1	7.9	4.8	6.99
RC250-271-8.1-100	250.0	271.0	8.1	7.9	4.8	6.99
RC260-284.5-8.1-100	260.0	284.5	8.1	7.9	6.55	6.99
RC270-294.5-8.1-100	270.0	294.5	8.1	7.9	6.55	6.99
RC280-304.5-8.1-100	280.0	304.5	8.1	7.9	6.55	6.99

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

RC-100

Rod Composite Seal Style 100

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC290-314.5-8.1-100	290.0	314.5	8.1	7.9	6.55	6.99
RC300-324.5-8.1-100	300.0	324.5	8.1	7.9	6.55	6.99
RC310-334.5-8.1-100	310.0	334.5	8.1	7.9	6.55	6.99
RC320-344.5-8.1-100	320.0	344.5	8.1	7.9	6.55	6.99
RC330-354.5-8.1-100	330.0	354.5	8.1	7.9	6.55	6.99
RC340-364.5-8.1-100	340.0	364.5	8.1	7.9	6.55	6.99
RC350-374.5-8.1-100	350.0	374.5	8.1	7.9	6.55	6.99
RC360-384.5-8.1-100	360.0	384.5	8.1	7.9	6.55	6.99
RC370-394.5-8.1-100	370.0	394.5	8.1	7.9	6.55	6.99
RC380-404.5-8.1-100	380.0	404.5	8.1	7.9	6.55	6.99
RC390-414.5-8.1-100	390.0	414.5	8.1	7.9	6.55	6.99
RC400-424.5-8.1-100	400.0	424.5	8.1	7.9	6.55	6.99
RC410-434.5-8.1-100	410.0	434.5	8.1	7.9	6.55	6.99
RC420-444.5-8.1-100	420.0	444.5	8.1	7.9	6.55	6.99
RC430-454.5-8.1-100	430.0	454.5	8.1	7.9	6.55	6.99
RC440-464.5-8.1-100	440.0	464.5	8.1	7.9	6.55	6.99
RC450-474.5-8.1-100	450.0	474.5	8.1	7.9	6.55	6.99
RC460-484.5-8.1-100	460.0	484.5	8.1	7.9	6.55	6.99
RC470-494.5-8.1-100	470.0	494.5	8.1	7.9	6.55	6.99
RC480-504.5-8.1-100	480.0	504.5	8.1	7.9	6.55	6.99
RC490-514.5-8.1-100	490.0	514.5	8.1	7.9	6.55	6.99
RC500-524.5-8.1-100	500.0	524.5	8.1	7.9	6.55	6.99

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

RC-100

Rod Composite Seal Style 100

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC018038-008-100	0.187	0.380	0.086	0.079	0.039	0.070
RC025041-009-100	0.250	0.410	0.094	0.085	0.032	0.070
RC025044-008-100	0.250	0.443	0.086	0.079	0.039	0.070
RC031047-009-100	0.312	0.472	0.094	0.085	0.032	0.070
RC031061-012-100	0.312	0.607	0.126	0.118	0.067	0.103
RC037060-014-100	0.375	0.597	0.141	0.132	0.030	0.103
RC037067-012-100	0.375	0.670	0.126	0.118	0.067	0.103
RC043066-014-100	0.437	0.659	0.141	0.132	0.030	0.103
RC050072-014-100	0.500	0.722	0.141	0.132	0.030	0.103
RC050080-012-100	0.500	0.795	0.126	0.118	0.067	0.103
RC062085-014-100	0.625	0.847	0.141	0.132	0.030	0.103
RC062092-012-100	0.625	0.920	0.126	0.118	0.067	0.103
RC068091-014-100	0.687	0.909	0.141	0.132	0.030	0.103
RC075105-019-100	0.750	1.054	0.188	0.179	0.041	0.139
RC075105-012-100	0.750	1.045	0.126	0.118	0.067	0.103
RC081112-019-100	0.812	1.116	0.188	0.179	0.041	0.139
RC087118-019-100	0.875	1.179	0.188	0.179	0.041	0.139
RC087131-016-100	0.875	1.308	0.165	0.153	0.100	0.139
RC100130-019-100	1.000	1.304	0.188	0.179	0.041	0.139
RC100143-016-100	1.000	1.433	0.165	0.153	0.100	0.139
RC106137-019-100	1.062	1.366	0.188	0.179	0.041	0.139
RC112143-019-100	1.125	1.429	0.188	0.179	0.041	0.139
RC112156-016-100	1.125	1.558	0.165	0.153	0.100	0.139
RC125155-019-100	1.250	1.554	0.188	0.179	0.041	0.139
RC125168-016-100	1.250	1.683	0.165	0.153	0.100	0.139
RC137168-019-100	1.375	1.679	0.188	0.179	0.041	0.139
RC137181-016-100	1.375	1.808	0.165	0.153	0.100	0.139
RC150180-019-100	1.500	1.804	0.188	0.179	0.041	0.139
RC150199-028-100	1.500	1.988	0.281	0.272	0.067	0.210
RC150211-025-100	1.500	2.110	0.248	0.232	0.136	0.210
RC162193-019-100	1.625	1.929	0.188	0.179	0.179	0.139
RC162211-028-100	1.625	2.113	0.281	0.272	0.067	0.210
RC162224-025-100	1.625	2.235	0.248	0.232	0.136	0.210
RC175224-028-100	1.750	2.238	0.281	0.272	0.067	0.210
RC175236-025-100	1.750	2.360	0.248	0.232	0.136	0.210
RC187236-028-100	1.875	2.363	0.281	0.272	0.067	0.210
RC187248-025-100	1.870	2.480	0.248	0.232	0.136	0.210
RC200249-028-100	2.000	2.488	0.281	0.272	0.067	0.210
RC200261-025-100	2.000	2.610	0.248	0.232	0.136	0.210
RC212261-028-100	2.125	2.613	0.281	0.272	0.067	0.210

RC-100

Rod Composite Seal Style 100

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC225274-028-100	2.250	2.738	0.281	0.272	0.067	0.210
RC225286-025-100	2.250	2.860	0.248	0.232	0.136	0.210
RC237286-028-100	2.375	2.863	0.281	0.272	0.067	0.210
RC250299-028-100	2.500	2.988	0.281	0.272	0.067	0.210
RC250311-025-100	2.500	3.110	0.248	0.232	0.136	0.210
RC275324-028-100	2.750	3.238	0.281	0.272	0.067	0.210
RC275336-025-100	2.750	3.360	0.248	0.232	0.136	0.210
RC300349-028-100	3.000	3.488	0.281	0.272	0.067	0.210
RC300361-025-100	3.000	3.610	0.248	0.232	0.136	0.210
RC325374-028-100	3.250	3.738	0.281	0.272	0.067	0.210
RC325386-025-100	3.250	3.860	0.248	0.232	0.136	0.210
RC350399-028-100	3.500	3.988	0.281	0.272	0.067	0.210
RC350411-025-100	3.500	4.110	0.248	0.232	0.136	0.210
RC375424-028-100	3.750	4.238	0.281	0.272	0.067	0.210
RC375436-025-100	3.750	4.360	0.248	0.232	0.136	0.210
RC400449-028-100	4.000	4.488	0.281	0.272	0.067	0.210
RC400461-025-100	4.000	4.610	0.248	0.232	0.136	0.210
RC425474-028-100	4.250	4.738	0.281	0.272	0.067	0.210
RC425486-025-100	4.250	4.860	0.248	0.232	0.136	0.210
RC450511-025-100	4.500	5.110	0.248	0.232	0.136	0.210
RC450516-037-100	4.500	5.156	0.375	0.366	0.104	0.275
RC475536-025-100	4.750	5.360	0.248	0.232	0.136	0.210
RC475541-037-100	4.750	5.406	0.375	0.366	0.104	0.275
RC500561-025-100	5.000	5.610	0.248	0.232	0.136	0.210
RC500566-037-100	5.000	5.656	0.375	0.366	0.104	0.275
RC525586-025-100	5.250	5.860	0.248	0.232	0.136	0.210
RC525591-037-100	5.250	5.906	0.375	0.366	0.104	0.275
RC550611-025-100	5.500	6.110	0.248	0.232	0.136	0.210
RC550616-037-100	5.500	6.156	0.375	0.366	0.104	0.275
RC575636-025-100	5.750	6.360	0.248	0.232	0.136	0.210
RC575641-037-100	5.750	6.406	0.375	0.366	0.104	0.275
RC600661-025-100	6.000	6.610	0.248	0.232	0.136	0.210
RC600666-037-100	6.000	6.656	0.375	0.366	0.104	0.275
RC625686-025-100	6.250	6.860	0.248	0.232	0.136	0.210
RC625691-037-100	6.250	6.906	0.375	0.366	0.104	0.275
RC650711-025-100	6.500	7.110	0.248	0.232	0.136	0.210
RC650716-037-100	6.500	7.156	0.375	0.366	0.104	0.275
RC675736-025-100	6.750	7.360	0.248	0.232	0.136	0.210
RC675741-037-100	6.750	7.406	0.375	0.366	0.104	0.275
RC700761-025-100	7.000	7.610	0.248	0.232	0.136	0.210

RC-100

Rod Composite Seal Style 100

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC700766-037-100	7.000	7.656	0.375	0.366	0.104	0.275
RC725786-025-100	7.250	7.860	0.248	0.232	0.136	0.210
RC750811-025-100	7.500	8.110	0.248	0.232	0.136	0.210
RC775836-025-100	7.750	8.360	0.248	0.232	0.136	0.210
RC800883-032-100	8.000	8.827	0.319	0.311	0.187	0.275
RC800866-037-100	8.000	8.656	0.375	0.366	0.104	0.275
RC825908-032-100	8.250	9.077	0.319	0.311	0.187	0.275
RC850933-032-100	8.500	9.327	0.319	0.311	0.187	0.275
RC875958-032-100	8.750	9.577	0.319	0.311	0.187	0.275
RC900983-032-100	9.000	9.827	0.319	0.311	0.187	0.275
RC9251008-032-100	9.250	10.077	0.319	0.311	0.187	0.275
RC9501033-032-100	9.500	10.327	0.319	0.311	0.187	0.275
RC9751058-032-100	9.750	10.577	0.319	0.311	0.187	0.275
RC10001096-032-100	10.000	10.964	0.319	0.311	0.256	0.275
RC10251121-032-100	10.250	11.214	0.319	0.311	0.256	0.275
RC10501146-032-100	10.500	11.464	0.319	0.311	0.256	0.275
RC10751171-032-100	10.750	11.714	0.319	0.311	0.256	0.275
RC11001196-032-100	11.000	11.964	0.319	0.311	0.256	0.275
RC11251221-032-100	11.250	12.214	0.319	0.311	0.256	0.275
RC11501246-032-100	11.500	12.464	0.319	0.311	0.256	0.275
RC11751271-032-100	11.750	12.714	0.319	0.311	0.256	0.275
RC12001296-032-100	12.000	12.964	0.319	0.311	0.256	0.275
RC12251321-032-100	12.250	13.214	0.319	0.311	0.256	0.275
RC12501346-032-100	12.500	13.464	0.319	0.311	0.256	0.275
RC12751371-032-100	12.750	13.714	0.319	0.311	0.256	0.275
RC13001396-032-100	13.000	13.964	0.319	0.311	0.256	0.275
RC13251421-032-100	13.250	14.214	0.319	0.311	0.256	0.275
RC13501446-032-100	13.500	14.464	0.319	0.311	0.256	0.275
RC13751471-032-100	13.750	14.714	0.319	0.311	0.256	0.275
RC14001496-032-100	14.000	14.964	0.319	0.311	0.256	0.275
RC14251521-032-100	14.250	15.214	0.319	0.311	0.256	0.275
RC14501546-032-100	14.500	15.464	0.319	0.311	0.256	0.275
RC14751571-032-100	14.750	15.714	0.319	0.311	0.256	0.275
RC15001596-032-100	15.000	15.964	0.319	0.311	0.256	0.275
RC15251621-032-100	15.250	16.214	0.319	0.311	0.256	0.275
RC15501646-032-100	15.500	16.464	0.319	0.311	0.256	0.275
RC15751671-032-100	15.750	16.714	0.319	0.311	0.256	0.275
RC16001696-032-100	16.000	16.964	0.319	0.311	0.256	0.275
RC16251721-032-100	16.250	17.214	0.319	0.311	0.256	0.275
RC16501746-032-100	16.500	17.464	0.319	0.311	0.256	0.275

RC-100

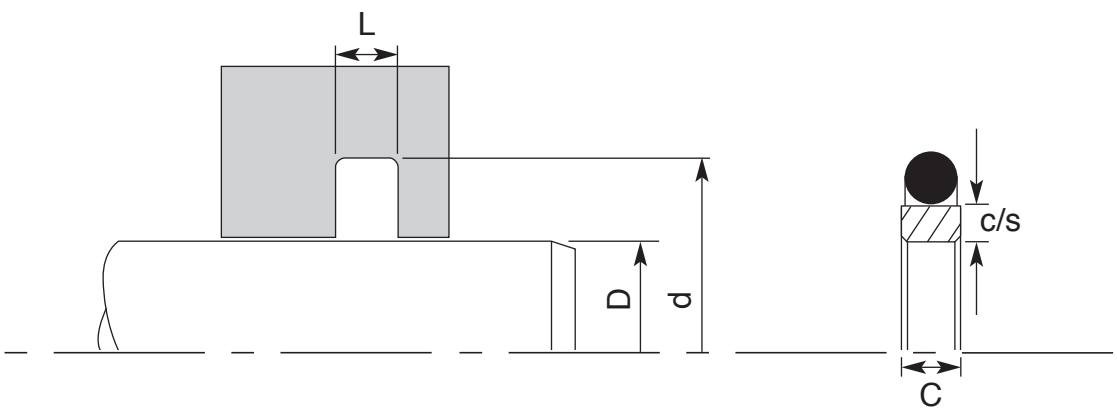
Rod Composite Seal Style 100

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC16751771-032-100	16.750	17.714	0.319	0.311	0.256	0.275
RC17001796-032-100	17.000	17.964	0.319	0.311	0.256	0.275
RC17251821-032-100	17.250	18.214	0.319	0.311	0.256	0.275
RC17501846-032-100	17.500	18.464	0.319	0.311	0.256	0.275
RC17751871-032-100	17.750	18.714	0.319	0.311	0.256	0.275
RC18001896-032-100	18.000	18.964	0.319	0.311	0.256	0.275
RC18251921-032-100	18.250	19.214	0.319	0.311	0.256	0.275
RC18501946-032-100	18.500	19.464	0.319	0.311	0.256	0.275
RC18751971-032-100	18.750	19.714	0.319	0.311	0.256	0.275
RC19001996-032-100	19.000	19.964	0.319	0.311	0.256	0.275
RC19252021-032-100	19.250	20.214	0.319	0.311	0.256	0.275
RC19502046-032-100	19.500	20.464	0.319	0.311	0.256	0.275
RC19752071-032-100	19.750	20.714	0.319	0.311	0.256	0.275
RC20002096-032-100	20.000	20.964	0.319	0.311	0.256	0.275

RC-110

Rod Composite Seal Style 110



Part Number Explained

RC70-85.5-6.3-110-B

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Part Number Explained

RC200261-025-110-B

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Operating Conditions	
Working Pressure	≤400bar*
Working Temperature	-30 to +100°C**
Surface Speed	≤8 m/s

* Up to 800 bar with reduced extrusion gap.
** Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The RC-110 is a double acting two part seal consisting of a chamfered PTFE sleeve and an elastomer energiser.
The PTFE inner sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

RC-110

Rod Composite Seal Style 110

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC4-8.9-2.2-110	4.0	8.9	2.2	2.0	1.0	1.78
RC5-9.9-2.2-110	5.0	9.9	2.2	2.0	1.0	1.78
RC7-11.9-2.2-110	7.0	11.9	2.2	2.0	1.0	1.78
RC8-15.5-3.2-110	8.0	15.5	3.2	3.0	1.7	2.62
RC10-17.5-3.2-110	10.0	17.5	3.2	3.0	1.7	2.62
RC12-19.5-3.2-110	12.0	19.5	3.2	3.0	1.7	2.62
RC14-21.5-3.2-110	14.0	21.5	3.2	3.0	1.7	2.62
RC15-22.5-3.2-110	15.0	22.5	3.2	3.0	1.7	2.62
RC16-23.5-3.2-110	16.0	23.5	3.2	3.0	1.7	2.62
RC18-25.5-3.2-110	18.0	25.5	3.2	3.0	1.7	2.62
RC20-31-4.2-110	20.0	31.0	4.2	3.9	2.5	3.53
RC22-33-4.2-110	22.0	33.0	4.2	3.9	2.5	3.53
RC24-35-4.2-110	24.0	35.0	4.2	3.9	2.5	3.53
RC25-36-4.2-110	25.0	36.0	4.2	3.9	2.5	3.53
RC26-37-4.2-110	26.0	37.0	4.2	3.9	2.5	3.53
RC28-39-4.2-110	28.0	39.0	4.2	3.9	2.5	3.53
RC30-41-4.2-110	30.0	41.0	4.2	3.9	2.5	3.53
RC32-43-4.2-110	32.0	43.0	4.2	3.9	2.5	3.53
RC35-46-4.2-110	35.0	46.0	4.2	3.9	2.5	3.53
RC37-48-4.2-110	37.0	48.0	4.2	3.9	2.5	3.53
RC38-53.5-6.3-110	38.0	53.5	6.3	5.9	3.5	5.33
RC40-55.5-6.3-110	40.0	55.5	6.3	5.9	3.5	5.33
RC42-57.5-6.3-110	42.0	57.5	6.3	5.9	3.5	5.33
RC45-60.5-6.3-110	45.0	60.5	6.3	5.9	3.5	5.33
RC48-63.5-6.3-110	48.0	63.5	6.3	5.9	3.5	5.33
RC50-65.5-6.3-110	50.0	65.5	6.3	5.9	3.5	5.33
RC52-67.5-6.3-110	52.0	67.5	6.3	5.9	3.5	5.33
RC55-70.5-6.3-110	55.0	70.5	6.3	5.9	3.5	5.33
RC58-73.5-6.3-110	58.0	73.5	6.3	5.9	3.5	5.33
RC60-75.5-6.3-110	60.0	75.5	6.3	5.9	3.5	5.33
RC65-80.5-6.3-110	65.0	80.5	6.3	5.9	3.5	5.33
RC70-85.5-6.3-110	70.0	85.5	6.3	5.9	3.5	5.33
RC75-90.5-6.3-110	75.0	90.5	6.3	5.9	3.5	5.33
RC80-95.5-6.3-110	80.0	95.5	6.3	5.9	3.5	5.33
RC85-100.5-6.3-110	85.0	100.5	6.3	5.9	3.5	5.33
RC90-105.5-6.3-110	90.0	105.5	6.3	5.9	3.5	5.33
RC95-110.5-6.3-110	95.0	110.5	6.3	5.9	3.5	5.33
RC100-115.5-6.3-110	100.0	115.5	6.3	5.9	3.5	5.33
RC105-120.5-6.3-110	105.0	120.5	6.3	5.9	3.5	5.33
RC110-125.5-6.3-110	110.0	125.5	6.3	5.9	3.5	5.33

RC-110

Rod Composite Seal Style 110

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC115-130.5-6.3-110	115.0	130.5	6.3	5.9	3.5	5.33
RC120-135.5-6.3-110	120.0	135.5	6.3	5.9	3.5	5.33
RC125-140.5-6.3-110	125.0	140.5	6.3	5.9	3.5	5.33
RC130-145.5-6.3-110	130.0	145.5	6.3	5.9	3.5	5.33
RC135-150.5-6.3-110	135.0	150.5	6.3	5.9	3.5	5.33
RC140-155.5-6.3-110	140.0	155.5	6.3	5.9	3.5	5.33
RC145-160.5-6.3-110	145.0	160.5	6.3	5.9	3.5	5.33
RC150-165.5-6.3-110	150.0	165.5	6.3	5.9	3.5	5.33
RC155-170.5-6.3-110	155.0	170.5	6.3	5.9	3.5	5.33
RC160-175.5-6.3-110	160.0	175.5	6.3	5.9	3.5	5.33
RC165-180.5-6.3-110	165.0	180.5	6.3	5.9	3.5	5.33
RC170-185.5-6.3-110	170.0	185.5	6.3	5.9	3.5	5.33
RC175-190.5-6.3-110	175.0	190.5	6.3	5.9	3.5	5.33
RC180-195.5-6.3-110	180.0	195.5	6.3	5.9	3.5	5.33
RC185-200.5-6.3-110	185.0	200.5	6.3	5.9	3.5	5.33
RC190-205.5-6.3-110	190.0	205.5	6.3	5.9	3.5	5.33
RC195-210.5-6.3-110	195.0	210.5	6.3	5.9	3.5	5.33
RC200-221-8.1-110	200.0	221.0	8.1	7.9	4.8	6.99
RC210-231-8.1-110	210.0	231.0	8.1	7.9	4.8	6.99
RC220-241-8.1-110	220.0	241.0	8.1	7.9	4.8	6.99
RC230-251-8.1-110	230.0	251.0	8.1	7.9	4.8	6.99
RC240-261-8.1-110	240.0	261.0	8.1	7.9	4.8	6.99
RC250-271-8.1-110	250.0	271.0	8.1	7.9	4.8	6.99
RC260-284.5-8.1-110	260.0	284.5	8.1	7.9	6.55	6.99
RC270-294.5-8.1-110	270.0	294.5	8.1	7.9	6.55	6.99
RC280-304.5-8.1-110	280.0	304.5	8.1	7.9	6.55	6.99
RC290-314.5-8.1-110	290.0	314.5	8.1	7.9	6.55	6.99
RC300-324.5-8.1-110	300.0	324.5	8.1	7.9	6.55	6.99
RC310-334.5-8.1-110	310.0	334.5	8.1	7.9	6.55	6.99
RC320-344.5-8.1-110	320.0	344.5	8.1	7.9	6.55	6.99
RC330-354.5-8.1-110	330.0	354.5	8.1	7.9	6.55	6.99
RC340-364.5-8.1-110	340.0	364.5	8.1	7.9	6.55	6.99
RC350-374.5-8.1-110	350.0	374.5	8.1	7.9	6.55	6.99
RC360-384.5-8.1-110	360.0	384.5	8.1	7.9	6.55	6.99
RC370-394.5-8.1-110	370.0	394.5	8.1	7.9	6.55	6.99
RC380-404.5-8.1-110	380.0	404.5	8.1	7.9	6.55	6.99
RC390-414.5-8.1-110	390.0	414.5	8.1	7.9	6.55	6.99
RC400-424.5-8.1-110	400.0	424.5	8.1	7.9	6.55	6.99
RC410-434.5-8.1-110	410.0	434.5	8.1	7.9	6.55	6.99
RC420-444.5-8.1-110	420.0	444.5	8.1	7.9	6.55	6.99

RC-110

Rod Composite Seal Style 110

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC430-454.5-8.1-110	430.0	454.5	8.1	7.9	6.55	6.99
RC440-464.5-8.1-110	440.0	464.5	8.1	7.9	6.55	6.99
RC450-474.5-8.1-110	450.0	474.5	8.1	7.9	6.55	6.99
RC460-484.5-8.1-110	460.0	484.5	8.1	7.9	6.55	6.99
RC470-494.5-8.1-110	470.0	494.5	8.1	7.9	6.55	6.99
RC480-504.5-8.1-110	380.0	504.5	8.1	7.9	6.55	6.99
RC490-514.5-8.1-110	490.0	514.5	8.1	7.9	6.55	6.99
RC500-524.5-8.1-110	500.0	524.5	8.1	7.9	6.55	6.99

RC-110

Rod Composite Seal Style 110

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC018038-008-110	0.187	0.380	0.086	0.079	0.039	0.070
RC025044-008-110	0.250	0.443	0.086	0.079	0.039	0.070
RC031061-012-110	0.312	0.607	0.126	0.118	0.067	0.103
RC037067-012-110	0.375	0.670	0.126	0.118	0.067	0.103
RC050080-012-110	0.500	0.795	0.126	0.118	0.067	0.103
RC062092-012-110	0.625	0.920	0.126	0.118	0.067	0.103
RC075105-012-110	0.750	1.045	0.126	0.118	0.067	0.103
RC087131-016-110	0.875	1.308	0.165	0.153	0.100	0.139
RC100143-016-110	1.000	1.433	0.165	0.153	0.100	0.139
RC112156-016-110	1.125	1.558	0.165	0.153	0.100	0.139
RC125168-016-110	1.250	1.683	0.165	0.153	0.100	0.139
RC137181-016-110	1.375	1.808	0.165	0.153	0.100	0.139
RC150211-025-110	1.500	2.110	0.248	0.232	0.136	0.210
RC162224-025-110	1.625	2.235	0.248	0.232	0.136	0.210
RC175236-025-110	1.750	2.360	0.248	0.232	0.136	0.210
RC187248-025-110	1.870	2.480	0.248	0.232	0.136	0.210
RC200261-025-110	2.000	2.610	0.248	0.232	0.136	0.210
RC225286-025-110	2.250	2.860	0.248	0.232	0.136	0.210
RC250311-025-110	2.500	3.110	0.248	0.232	0.136	0.210
RC275336-025-110	2.750	3.360	0.248	0.232	0.136	0.210
RC300361-025-110	3.000	3.610	0.248	0.232	0.136	0.210
RC325386-025-110	3.250	3.860	0.248	0.232	0.136	0.210
RC350411-025-110	3.500	4.110	0.248	0.232	0.136	0.210
RC375436-025-110	3.750	4.360	0.248	0.232	0.136	0.210
RC400461-025-110	4.000	4.610	0.248	0.232	0.136	0.210
RC425486-025-110	4.250	4.860	0.248	0.232	0.136	0.210
RC450511-025-110	4.500	5.110	0.248	0.232	0.136	0.210
RC475536-025-110	4.750	5.360	0.248	0.232	0.136	0.210
RC500561-025-110	5.000	5.610	0.248	0.232	0.136	0.210
RC525586-025-110	5.250	5.860	0.248	0.232	0.136	0.210
RC550611-025-110	5.500	6.110	0.248	0.232	0.136	0.210
RC575636-025-110	5.750	6.360	0.248	0.232	0.136	0.210
RC600661-025-110	6.000	6.610	0.248	0.232	0.136	0.210
RC625686-025-110	6.250	6.860	0.248	0.232	0.136	0.210
RC650711-025-110	6.500	7.110	0.248	0.232	0.136	0.210
RC675736-025-110	6.750	7.360	0.248	0.232	0.136	0.210
RC700761-025-110	7.000	7.610	0.248	0.232	0.136	0.210
RC725786-025-110	7.250	7.860	0.248	0.232	0.136	0.210
RC750811-025-110	7.500	8.110	0.248	0.232	0.136	0.210
RC775836-025-110	7.750	8.360	0.248	0.232	0.136	0.210

RC-110

Rod Composite Seal Style 110

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC800883-032-110	8.000	8.827	0.319	0.311	0.187	0.275
RC825908-032-110	8.250	9.077	0.319	0.311	0.187	0.275
RC850933-032-110	8.500	9.327	0.319	0.311	0.187	0.275
RC875958-032-110	8.750	9.577	0.319	0.311	0.187	0.275
RC900983-032-110	9.000	9.827	0.319	0.311	0.187	0.275
RC9251008-032-110	9.250	10.077	0.319	0.311	0.187	0.275
RC9501033-032-110	9.500	10.327	0.319	0.311	0.187	0.275
RC9751058-032-110	9.750	10.577	0.319	0.311	0.187	0.275
RC10001096-032-110	10.000	10.964	0.319	0.311	0.256	0.275
RC10251121-032-110	10.250	11.214	0.319	0.311	0.256	0.275
RC10501146-032-110	10.500	11.464	0.319	0.311	0.256	0.275
RC10751171-032-110	10.750	11.714	0.319	0.311	0.256	0.275
RC11001196-032-110	11.000	11.964	0.319	0.311	0.256	0.275
RC11251221-032-110	11.250	12.214	0.319	0.311	0.256	0.275
RC11501246-032-110	11.500	12.464	0.319	0.311	0.256	0.275
RC11751271-032-110	11.750	12.714	0.319	0.311	0.256	0.275
RC12001296-032-110	12.000	12.964	0.319	0.311	0.256	0.275
RC12251321-032-110	12.250	13.214	0.319	0.311	0.256	0.275
RC12501346-032-110	12.500	13.464	0.319	0.311	0.256	0.275
RC12751371-032-110	12.750	13.714	0.319	0.311	0.256	0.275
RC13001396-032-110	13.000	13.964	0.319	0.311	0.256	0.275
RC13251421-032-110	13.250	14.214	0.319	0.311	0.256	0.275
RC13501446-032-110	13.500	14.464	0.319	0.311	0.256	0.275
RC13751471-032-110	13.750	14.714	0.319	0.311	0.256	0.275
RC14001496-032-110	14.000	14.964	0.319	0.311	0.256	0.275
RC14251521-032-110	14.250	15.214	0.319	0.311	0.256	0.275
RC14501546-032-110	14.500	15.464	0.319	0.311	0.256	0.275
RC14751571-032-110	14.750	15.714	0.319	0.311	0.256	0.275
RC15001596-032-110	15.000	15.964	0.319	0.311	0.256	0.275
RC15251621-032-110	15.250	16.214	0.319	0.311	0.256	0.275
RC15501646-032-110	15.500	16.464	0.319	0.311	0.256	0.275
RC15751671-032-110	15.750	16.714	0.319	0.311	0.256	0.275
RC16001696-032-110	16.000	16.964	0.319	0.311	0.256	0.275
RC16251721-032-110	16.250	17.214	0.319	0.311	0.256	0.275
RC16501746-032-110	16.500	17.464	0.319	0.311	0.256	0.275
RC16751771-032-110	16.750	17.714	0.319	0.311	0.256	0.275
RC17001796-032-110	17.000	17.964	0.319	0.311	0.256	0.275
RC17251821-032-110	17.250	18.214	0.319	0.311	0.256	0.275
RC17501846-032-110	17.500	18.464	0.319	0.311	0.256	0.275
RC17751871-032-110	17.750	18.714	0.319	0.311	0.256	0.275

RC-110

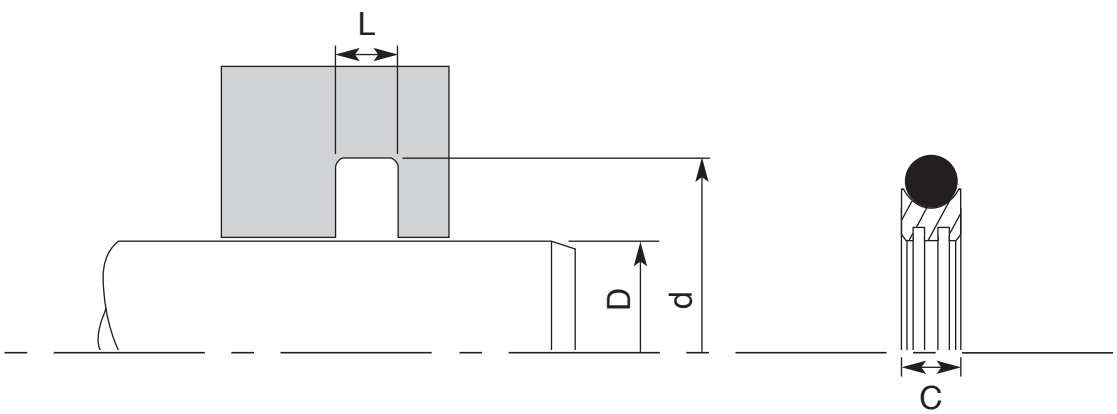
Rod Composite Seal Style 110

Imperial Range (inches)

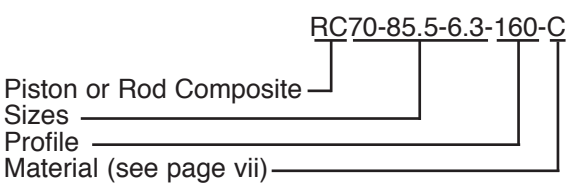
Part Number	D	d	L	C	c/s	O-ring c/s
RC18001896-032-110	18.000	18.964	0.319	0.311	0.256	0.275
RC18251921-032-110	18.250	19.214	0.319	0.311	0.256	0.275
RC18501946-032-110	18.500	19.464	0.319	0.311	0.256	0.275
RC18751971-032-110	18.750	19.714	0.319	0.311	0.256	0.275
RC19001996-032-110	19.000	19.964	0.319	0.311	0.256	0.275
RC19252021-032-110	19.250	20.214	0.319	0.311	0.256	0.275
RC19502046-032-110	19.500	20.464	0.319	0.311	0.256	0.275
RC19752071-032-110	19.750	20.714	0.319	0.311	0.256	0.275
RC20002096-032-110	20.000	20.964	0.319	0.311	0.256	0.275

RC-160

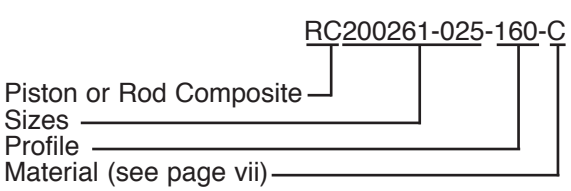
Rotary **R**od **C**omposite Seal Style **160**



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Pressure	≤300bar
Working Temperature	-30 to +100°C*
Surface Speed	≤1 m/s

* Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The RC-160 is a two part rotary seal consisting of a chamfered PTFE sleeve and an elastomer energiser.
The standard compound for the PTFE sleeve is carbon but it is available in various other fillers which includes bronze and glass filled PTFE (see page vii).
The elastomer energiser can be supplied in several different compounds depending on the environment the seal is operating in (see page viii).

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

RC-160

Rotary **R**od **C**omposite Seal Style **160**

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
RC4-8.9-2.2-160	4.0	8.9	2.2	2.0	1.78
RC5-9.9-2.2-160	5.0	9.9	2.2	2.0	1.78
RC7-11.9-2.2-160	7.0	11.9	2.2	2.0	1.78
RC8-15.5-3.2-160	8.0	15.5	3.2	3.0	2.62
RC10-17.5-3.2-160	10.0	17.5	3.2	3.0	2.62
RC12-19.5-3.2-160	12.0	19.5	3.2	3.0	2.62
RC14-21.5-3.2-160	14.0	21.5	3.2	3.0	2.62
RC15-22.5-3.2-160	15.0	22.5	3.2	3.0	2.62
RC16-23.5-3.2-160	16.0	23.5	3.2	3.0	2.62
RC18-25.5-3.2-160	18.0	25.5	3.2	3.0	2.62
RC20-31-4.2-160	20.0	31.0	4.2	3.9	3.53
RC22-33-4.2-160	22.0	33.0	4.2	3.9	3.53
RC24-35-4.2-160	24.0	35.0	4.2	3.9	3.53
RC25-36-4.2-160	25.0	36.0	4.2	3.9	3.53
RC26-37-4.2-160	26.0	37.0	4.2	3.9	3.53
RC28-39-4.2-160	28.0	39.0	4.2	3.9	3.53
RC30-41-4.2-160	30.0	41.0	4.2	3.9	3.53
RC32-43-4.2-160	32.0	43.0	4.2	3.9	3.53
RC35-46-4.2-160	35.0	46.0	4.2	3.9	3.53
RC37-48-4.2-160	37.0	48.0	4.2	3.9	3.53
RC38-53.5-6.3-160	38.0	53.5	6.3	5.9	5.33
RC40-55.5-6.3-160	40.0	55.5	6.3	5.9	5.33
RC42-57.5-6.3-160	42.0	57.5	6.3	5.9	5.33
RC45-60.5-6.3-160	45.0	60.5	6.3	5.9	5.33
RC48-63.5-6.3-160	48.0	63.5	6.3	5.9	5.33
RC50-65.5-6.3-160	50.0	65.5	6.3	5.9	5.33
RC52-67.5-6.3-160	52.0	67.5	6.3	5.9	5.33
RC55-70.5-6.3-160	55.0	70.5	6.3	5.9	5.33
RC58-73.5-6.3-160	58.0	73.5	6.3	5.9	5.33
RC60-75.5-6.3-160	60.0	75.5	6.3	5.9	5.33
RC65-80.5-6.3-160	65.0	80.5	6.3	5.9	5.33
RC70-85.5-6.3-160	70.0	85.5	6.3	5.9	5.33
RC75-90.5-6.3-160	75.0	90.5	6.3	5.9	5.33
RC80-95.5-6.3-160	80.0	95.5	6.3	5.9	5.33
RC85-100.5-6.3-160	85.0	100.5	6.3	5.9	5.33
RC90-105.5-6.3-160	90.0	105.5	6.3	5.9	5.33
RC95-110.5-6.3-160	95.0	110.5	6.3	5.9	5.33
RC100-115.5-6.3-160	100.0	115.5	6.3	5.9	5.33
RC105-120.5-6.3-160	105.0	120.5	6.3	5.9	5.33
RC110-125.5-6.3-160	110.0	125.5	6.3	5.9	5.33

RC-160

Rotary **R**od **C**omposite Seal Style **160**

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
RC115-130.5-6.3-160	115.0	130.5	6.3	5.9	5.33
RC120-135.5-6.3-160	120.0	135.5	6.3	5.9	5.33
RC125-140.5-6.3-160	125.0	140.5	6.3	5.9	5.33
RC130-145.5-6.3-160	130.0	145.5	6.3	5.9	5.33
RC135-150.5-6.3-160	135.0	150.5	6.3	5.9	5.33
RC140-155.5-6.3-160	140.0	155.5	6.3	5.9	5.33
RC145-160.5-6.3-160	145.0	160.5	6.3	5.9	5.33
RC150-165.5-6.3-160	150.0	165.5	6.3	5.9	5.33
RC155-170.5-6.3-160	155.0	170.5	6.3	5.9	5.33
RC160-175.5-6.3-160	160.0	175.5	6.3	5.9	5.33
RC165-180.5-6.3-160	165.0	180.5	6.3	5.9	5.33
RC170-185.5-6.3-160	170.0	185.5	6.3	5.9	5.33
RC175-190.5-6.3-160	175.0	190.5	6.3	5.9	5.33
RC180-195.5-6.3-160	180.0	195.5	6.3	5.9	5.33
RC185-200.5-6.3-160	185.0	200.5	6.3	5.9	5.33
RC190-205.5-6.3-160	190.0	205.5	6.3	5.9	5.33
RC195-210.5-6.3-160	195.0	210.5	6.3	5.9	5.33
RC200-221-8.1-160	200.0	221.0	8.1	7.9	6.99
RC210-231-8.1-160	210.0	231.0	8.1	7.9	6.99
RC220-241-8.1-160	220.0	241.0	8.1	7.9	6.99
RC230-251-8.1-160	230.0	251.0	8.1	7.9	6.99
RC240-261-8.1-160	240.0	261.0	8.1	7.9	6.99
RC250-271-8.1-160	250.0	271.0	8.1	7.9	6.99
RC260-284.5-8.1-160	260.0	284.5	8.1	7.9	6.99
RC270-294.5-8.1-160	270.0	294.5	8.1	7.9	6.99
RC280-304.5-8.1-160	280.0	304.5	8.1	7.9	6.99
RC290-314.5-8.1-160	290.0	314.5	8.1	7.9	6.99
RC300-324.5-8.1-160	300.0	324.5	8.1	7.9	6.99
RC310-334.5-8.1-160	310.0	334.5	8.1	7.9	6.99
RC320-344.5-8.1-160	320.0	344.5	8.1	7.9	6.99
RC330-354.5-8.1-160	330.0	354.5	8.1	7.9	6.99
RC340-364.5-8.1-160	340.0	364.5	8.1	7.9	6.99
RC350-374.5-8.1-160	350.0	374.5	8.1	7.9	6.99
RC360-384.5-8.1-160	360.0	384.5	8.1	7.9	6.99
RC370-394.5-8.1-160	370.0	394.5	8.1	7.9	6.99
RC380-404.5-8.1-160	380.0	404.5	8.1	7.9	6.99
RC390-414.5-8.1-160	390.0	414.5	8.1	7.9	6.99
RC400-424.5-8.1-160	400.0	424.5	8.1	7.9	6.99
RC410-434.5-8.1-160	410.0	434.5	8.1	7.9	6.99
RC420-444.5-8.1-160	420.0	444.5	8.1	7.9	6.99

RC-160

Rotary **R**od **C**omposite Seal Style **160**

Metric Range (mm)

Part Number	D	d	L	C	O-ring c/s
RC430-454.5-8.1-160	430.0	454.5	8.1	7.9	6.99
RC440-464.5-8.1-160	440.0	464.5	8.1	7.9	6.99
RC450-474.5-8.1-160	450.0	474.5	8.1	7.9	6.99
RC460-484.5-8.1-160	460.0	484.5	8.1	7.9	6.99
RC470-494.5-8.1-160	470.0	494.5	8.1	7.9	6.99
RC480-504.5-8.1-160	480.0	504.5	8.1	7.9	6.99
RC490-514.5-8.1-160	490.0	514.5	8.1	7.9	6.99
RC500-524.5-8.1-160	500.0	524.5	8.1	7.9	6.99

RC-160

Rotary **R**od **C**omposite Seal Style **160**

Imperial Range (inches)

Part Number	D	d	L	C	O-ring c/s
RC018038-008-160	0.187	0.380	0.086	0.079	0.070
RC025044-008-160	0.250	0.443	0.086	0.079	0.070
RC031061-012-160	0.312	0.607	0.126	0.118	0.103
RC037067-012-160	0.375	0.670	0.126	0.118	0.103
RC050080-012-160	0.500	0.795	0.126	0.118	0.103
RC062092-012-160	0.625	0.920	0.126	0.118	0.103
RC075105-012-160	0.750	1.045	0.126	0.118	0.103
RC087131-016-160	0.875	1.308	0.165	0.153	0.139
RC100143-016-160	1.000	1.433	0.165	0.153	0.139
RC112156-016-160	1.125	1.558	0.165	0.153	0.139
RC125168-016-160	1.250	1.683	0.165	0.153	0.139
RC137181-016-160	1.375	1.808	0.165	0.153	0.139
RC150211-025-160	1.500	2.110	0.248	0.232	0.210
RC162224-025-160	1.625	2.235	0.248	0.232	0.210
RC175236-025-160	1.750	2.360	0.248	0.232	0.210
RC187248-025-160	1.870	2.480	0.248	0.232	0.210
RC200261-025-160	2.000	2.610	0.248	0.232	0.210
RC225286-025-160	2.250	2.860	0.248	0.232	0.210
RC250311-025-160	2.500	3.110	0.248	0.232	0.210
RC275336-025-160	2.750	3.360	0.248	0.232	0.210
RC300361-025-160	3.000	3.610	0.248	0.232	0.210
RC325386-025-160	3.250	3.860	0.248	0.232	0.210
RC350411-025-160	3.500	4.110	0.248	0.232	0.210
RC375436-025-160	3.750	4.360	0.248	0.232	0.210
RC400461-025-160	4.000	4.610	0.248	0.232	0.210
RC425486-025-160	4.250	4.860	0.248	0.232	0.210
RC450511-025-160	4.500	5.110	0.248	0.232	0.210
RC475536-025-160	4.750	5.360	0.248	0.232	0.210
RC500561-025-160	5.000	5.610	0.248	0.232	0.210
RC525586-025-160	5.250	5.860	0.248	0.232	0.210
RC550611-025-160	5.500	6.110	0.248	0.232	0.210
RC575636-025-160	5.750	6.360	0.248	0.232	0.210
RC600661-025-160	6.000	6.610	0.248	0.232	0.210
RC625686-025-160	6.250	6.860	0.248	0.232	0.210
RC650711-025-160	6.500	7.110	0.248	0.232	0.210
RC675736-025-160	6.750	7.360	0.248	0.232	0.210
RC700761-025-160	7.000	7.610	0.248	0.232	0.210
RC725786-025-160	7.250	7.860	0.248	0.232	0.210
RC750811-025-160	7.500	8.110	0.248	0.232	0.210
RC775836-025-160	7.750	8.360	0.248	0.232	0.210

RC-160

Rotary **R**od **C**omposite Seal Style **160**

Imperial Range (inches)

Part Number	D	d	L	C	O-ring c/s
RC800883-032-160	8.000	8.827	0.319	0.311	0.275
RC825908-032-160	8.250	9.077	0.319	0.311	0.275
RC850933-032-160	8.500	9.327	0.319	0.311	0.275
RC875958-032-160	8.750	9.577	0.319	0.311	0.275
RC900983-032-160	9.000	9.827	0.319	0.311	0.275
RC9251008-032-160	9.250	10.077	0.319	0.311	0.275
RC9501033-032-160	9.500	10.327	0.319	0.311	0.275
RC9751058-032-160	9.750	10.577	0.319	0.311	0.275
RC10001096-032-160	10.000	10.964	0.319	0.311	0.275
RC10251121-032-160	10.250	11.214	0.319	0.311	0.275
RC10501146-032-160	10.500	11.464	0.319	0.311	0.275
RC10751171-032-160	10.750	11.714	0.319	0.311	0.275
RC11001196-032-160	11.000	11.964	0.319	0.311	0.275
RC11251221-032-160	11.250	12.214	0.319	0.311	0.275
RC11501246-032-160	11.500	12.464	0.319	0.311	0.275
RC11751271-032-160	11.750	12.714	0.319	0.311	0.275
RC12001296-032-160	12.000	12.964	0.319	0.311	0.275
RC12251321-032-160	12.250	13.214	0.319	0.311	0.275
RC12501346-032-160	12.500	13.464	0.319	0.311	0.275
RC12751371-032-160	12.750	13.714	0.319	0.311	0.275
RC13001396-032-160	13.000	13.964	0.319	0.311	0.275
RC13251421-032-160	13.250	14.214	0.319	0.311	0.275
RC13501446-032-160	13.500	14.464	0.319	0.311	0.275
RC13751471-032-160	13.750	14.714	0.319	0.311	0.275
RC14001496-032-160	14.000	14.964	0.319	0.311	0.275
RC14251521-032-160	14.250	15.214	0.319	0.311	0.275
RC14501546-032-160	14.500	15.464	0.319	0.311	0.275
RC14751571-032-160	14.750	15.714	0.319	0.311	0.275
RC15001596-032-160	15.000	15.964	0.319	0.311	0.275
RC15251621-032-160	15.250	16.214	0.319	0.311	0.275
RC15501646-032-160	15.500	16.464	0.319	0.311	0.275
RC15751671-032-160	15.750	16.714	0.319	0.311	0.275
RC16001696-032-160	16.000	16.964	0.319	0.311	0.275
RC16251721-032-160	16.250	17.214	0.319	0.311	0.275
RC16501746-032-160	16.500	17.464	0.319	0.311	0.275
RC16751771-032-160	16.750	17.714	0.319	0.311	0.275
RC17001796-032-160	17.000	17.964	0.319	0.311	0.275
RC17251821-032-160	17.250	18.214	0.319	0.311	0.275
RC17501846-032-160	17.500	18.464	0.319	0.311	0.275
RC17751871-032-160	17.750	18.714	0.319	0.311	0.275

RC-160

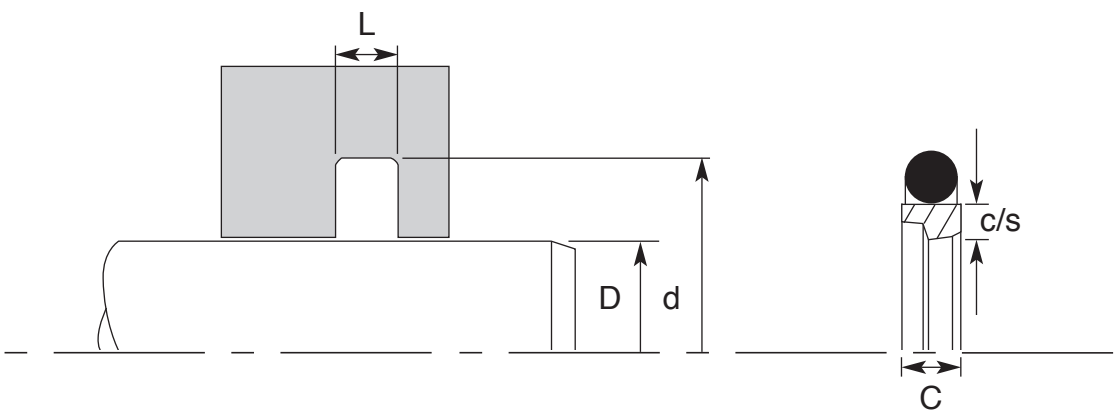
Rotary **R**od **C**omposite Seal Style **160**

Imperial Range (inches)

Part Number	D	d	L	C	O-ring c/s
RC18001896-032-160	18.000	18.964	0.319	0.311	0.275
RC18251921-032-160	18.250	19.214	0.319	0.311	0.275
RC18501946-032-160	18.500	19.464	0.319	0.311	0.275
RC18751971-032-160	18.750	19.714	0.319	0.311	0.275
RC19001996-032-160	19.000	19.964	0.319	0.311	0.275
RC19252021-032-160	19.250	20.214	0.319	0.311	0.275
RC19502046-032-160	19.500	20.464	0.319	0.311	0.275
RC19752071-032-160	19.750	20.714	0.319	0.311	0.275
RC20002096-032-160	20.000	20.964	0.319	0.311	0.275

RC-170

Rod Composite Seal Style 170



Metric Part Number Explained

RC70-85.5-6.3-170-B

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Imperial Part Number Explained

RC200261-025-170-B

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Operating Conditions	
Working Pressure	≤400bar*
Working Temperature	-30 to +100°C**
Surface Speed	≤8 m/s

* Up to 800 bar with reduced extrusion gap.
** Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The RC-170 is a single acting two part seal consisting of a profiled PTFE sleeve and an elastomer energiser.
The PTFE outer sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

RC-170

Rod Composite Seal Style 170

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC4-8.9-2.2-170	4.0	8.9	2.2	2.0	1.0	1.78
RC5-9.9-2.2-170	5.0	9.9	2.2	2.0	1.0	1.78
RC7-11.9-2.2-170	7.0	11.9	2.2	2.0	1.0	1.78
RC8-15.5-3.2-170	8.0	15.5	3.2	3.0	1.7	2.62
RC10-17.5-3.2-170	10.0	17.5	3.2	3.0	1.7	2.62
RC12-19.5-3.2-170	12.0	19.5	3.2	3.0	1.7	2.62
RC14-21.5-3.2-170	14.0	21.5	3.2	3.0	1.7	2.62
RC15-22.5-3.2-170	15.0	22.5	3.2	3.0	1.7	2.62
RC16-23.5-3.2-170	16.0	23.5	3.2	3.0	1.7	2.62
RC18-25.5-3.2-170	18.0	25.5	3.2	3.0	1.7	2.62
RC20-31-4.2-170	20.0	31.0	4.2	3.9	2.5	3.53
RC22-33-4.2-170	22.0	33.0	4.2	3.9	2.5	3.53
RC24-35-4.2-170	24.0	35.0	4.2	3.9	2.5	3.53
RC25-36-4.2-170	25.0	36.0	4.2	3.9	2.5	3.53
RC26-37-4.2-170	26.0	37.0	4.2	3.9	2.5	3.53
RC28-39-4.2-170	28.0	39.0	4.2	3.9	2.5	3.53
RC30-41-4.2-170	30.0	41.0	4.2	3.9	2.5	3.53
RC32-43-4.2-170	32.0	43.0	4.2	3.9	2.5	3.53
RC35-46-4.2-170	35.0	46.0	4.2	3.9	2.5	3.53
RC37-48-4.2-170	37.0	48.0	4.2	3.9	2.5	3.53
RC38-53.5-6.3-170	38.0	53.5	6.3	5.9	3.5	5.33
RC40-55.5-6.3-170	40.0	55.5	6.3	5.9	3.5	5.33
RC42-57.5-6.3-170	42.0	57.5	6.3	5.9	3.5	5.33
RC45-60.5-6.3-170	45.0	60.5	6.3	5.9	3.5	5.33
RC48-63.5-6.3-170	48.0	63.5	6.3	5.9	3.5	5.33
RC50-65.5-6.3-170	50.0	65.5	6.3	5.9	3.5	5.33
RC52-67.5-6.3-170	52.0	67.5	6.3	5.9	3.5	5.33
RC55-70.5-6.3-170	55.0	70.5	6.3	5.9	3.5	5.33
RC58-73.5-6.3-170	58.0	73.5	6.3	5.9	3.5	5.33
RC60-75.5-6.3-170	60.0	75.5	6.3	5.9	3.5	5.33
RC65-80.5-6.3-170	65.0	80.5	6.3	5.9	3.5	5.33
RC70-85.5-6.3-170	70.0	85.5	6.3	5.9	3.5	5.33
RC75-90.5-6.3-170	75.0	90.5	6.3	5.9	3.5	5.33
RC80-95.5-6.3-170	80.0	95.5	6.3	5.9	3.5	5.33
RC85-100.5-6.3-170	85.0	100.5	6.3	5.9	3.5	5.33
RC90-105.5-6.3-170	90.0	105.5	6.3	5.9	3.5	5.33
RC95-110.5-6.3-170	95.0	110.5	6.3	5.9	3.5	5.33
RC100-115.5-6.3-170	100.0	115.5	6.3	5.9	3.5	5.33
RC105-120.5-6.3-170	105.0	120.5	6.3	5.9	3.5	5.33
RC110-125.5-6.3-170	110.0	125.5	6.3	5.9	3.5	5.33

RC-170

Rod Composite Seal Style 170

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring
RC115-130.5-6.3-170	115.0	130.5	6.3	5.9	3.5	5.33
RC120-135.5-6.3-170	120.0	135.5	6.3	5.9	3.5	5.33
RC125-140.5-6.3-170	125.0	140.5	6.3	5.9	3.5	5.33
RC130-145.5-6.3-170	130.0	145.5	6.3	5.9	3.5	5.33
RC135-150.5-6.3-170	135.0	150.5	6.3	5.9	3.5	5.33
RC140-155.5-6.3-170	140.0	155.5	6.3	5.9	3.5	5.33
RC145-160.5-6.3-170	145.0	160.5	6.3	5.9	3.5	5.33
RC150-165.5-6.3-170	150.0	165.5	6.3	5.9	3.5	5.33
RC155-170.5-6.3-170	155.0	170.5	6.3	5.9	3.5	5.33
RC160-175.5-6.3-170	160.0	175.5	6.3	5.9	3.5	5.33
RC165-180.5-6.3-170	165.0	180.5	6.3	5.9	3.5	5.33
RC170-185.5-6.3-170	170.0	185.5	6.3	5.9	3.5	5.33
RC175-190.5-6.3-170	175.0	190.5	6.3	5.9	3.5	5.33
RC180-195.5-6.3-170	180.0	195.5	6.3	5.9	3.5	5.33
RC185-200.5-6.3-170	185.0	200.5	6.3	5.9	3.5	5.33
RC190-205.5-6.3-170	190.0	205.5	6.3	5.9	3.5	5.33
RC195-210.5-6.3-170	195.0	210.5	6.3	5.9	3.5	5.33
RC200-221-8.1-170	200.0	221.0	8.1	7.9	4.8	6.99
RC210-231-8.1-170	210.0	231.0	8.1	7.9	4.8	6.99
RC220-241-8.1-170	220.0	241.0	8.1	7.9	4.8	6.99
RC230-251-8.1-170	230.0	251.0	8.1	7.9	4.8	6.99
RC240-261-8.1-170	240.0	261.0	8.1	7.9	4.8	6.99
RC250-271-8.1-170	250.0	271.0	8.1	7.9	4.8	6.99
RC260-284.5-8.1-170	260.0	284.5	8.1	7.9	6.55	6.99
RC270-294.5-8.1-170	270.0	294.5	8.1	7.9	6.55	6.99
RC280-304.5-8.1-170	280.0	304.5	8.1	7.9	6.55	6.99
RC290-314.5-8.1-170	290.0	314.5	8.1	7.9	6.55	6.99
RC300-324.5-8.1-170	300.0	324.5	8.1	7.9	6.55	6.99
RC310-334.5-8.1-170	310.0	334.5	8.1	7.9	6.55	6.99
RC320-344.5-8.1-170	320.0	344.5	8.1	7.9	6.55	6.99
RC330-354.5-8.1-170	330.0	354.5	8.1	7.9	6.55	6.99
RC340-364.5-8.1-170	340.0	364.5	8.1	7.9	6.55	6.99
RC350-374.5-8.1-170	350.0	374.5	8.1	7.9	6.55	6.99
RC360-384.5-8.1-170	360.0	384.5	8.1	7.9	6.55	6.99
RC370-394.5-8.1-170	370.0	394.5	8.1	7.9	6.55	6.99
RC380-404.5-8.1-170	380.0	404.5	8.1	7.9	6.55	6.99
RC390-414.5-8.1-170	390.0	414.5	8.1	7.9	6.55	6.99
RC400-424.5-8.1-170	400.0	424.5	8.1	7.9	6.55	6.99
RC410-434.5-8.1-170	410.0	434.5	8.1	7.9	6.55	6.99
RC420-444.5-8.1-170	420.0	444.5	8.1	7.9	6.55	6.99

RC-170

Rod Composite Seal Style 170

Metric Range (mm)

Part Number	D	d	L	C	c/s	O-ring c/s
RC430-454.5-8.1-170	430.0	454.5	8.1	7.9	6.55	6.99
RC440-464.5-8.1-170	440.0	464.5	8.1	7.9	6.55	6.99
RC450-474.5-8.1-170	450.0	474.5	8.1	7.9	6.55	6.99
RC460-484.5-8.1-170	460.0	484.5	8.1	7.9	6.55	6.99
RC470-494.5-8.1-170	470.0	494.5	8.1	7.9	6.55	6.99
RC480-504.5-8.1-170	480.0	504.5	8.1	7.9	6.55	6.99
RC490-514.5-8.1-170	490.0	514.5	8.1	7.9	6.55	6.99
RC500-524.5-8.1-170	500.0	524.5	8.1	7.9	6.55	6.99

RC-170

Rod Composite Seal Style 170

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC018038-008-170	0.187	0.380	0.086	0.079	0.039	0.070
RC025044-008-170	0.250	0.443	0.086	0.079	0.039	0.070
RC031061-012-170	0.312	0.607	0.126	0.118	0.067	0.103
RC037067-012-170	0.375	0.670	0.126	0.118	0.067	0.103
RC050080-012-170	0.500	0.795	0.126	0.118	0.067	0.103
RC062092-012-170	0.625	0.920	0.126	0.118	0.067	0.103
RC075105-012-170	0.750	1.045	0.126	0.118	0.067	0.103
RC087131-016-170	0.875	1.308	0.165	0.153	0.100	0.139
RC100143-016-170	1.000	1.433	0.165	0.153	0.100	0.139
RC112156-016-170	1.125	1.558	0.165	0.153	0.100	0.139
RC125168-016-170	1.250	1.683	0.165	0.153	0.100	0.139
RC137181-016-170	1.375	1.808	0.165	0.153	0.100	0.139
RC150211-025-170	1.500	2.110	0.248	0.232	0.136	0.210
RC162224-025-170	1.625	2.235	0.248	0.232	0.136	0.210
RC175236-025-170	1.750	2.360	0.248	0.232	0.136	0.210
RC187248-025-170	1.870	2.480	0.248	0.232	0.136	0.210
RC200261-025-170	2.000	2.610	0.248	0.232	0.136	0.210
RC225286-025-170	2.250	2.860	0.248	0.232	0.136	0.210
RC250311-025-170	2.500	3.110	0.248	0.232	0.136	0.210
RC275336-025-170	2.750	3.360	0.248	0.232	0.136	0.210
RC300361-025-170	3.000	3.610	0.248	0.232	0.136	0.210
RC325386-025-170	3.250	3.860	0.248	0.232	0.136	0.210
RC350411-025-170	3.500	4.110	0.248	0.232	0.136	0.210
RC375436-025-170	3.750	4.360	0.248	0.232	0.136	0.210
RC400461-025-170	4.000	4.610	0.248	0.232	0.136	0.210
RC425486-025-170	4.250	4.860	0.248	0.232	0.136	0.210
RC450511-025-170	4.500	5.110	0.248	0.232	0.136	0.210
RC475536-025-170	4.750	5.360	0.248	0.232	0.136	0.210
RC500561-025-170	5.000	5.610	0.248	0.232	0.136	0.210
RC525586-025-170	5.250	5.860	0.248	0.232	0.136	0.210
RC550611-025-170	5.500	6.110	0.248	0.232	0.136	0.210
RC575636-025-170	5.750	6.360	0.248	0.232	0.136	0.210
RC600661-025-170	6.000	6.610	0.248	0.232	0.136	0.210
RC625686-025-170	6.250	6.860	0.248	0.232	0.136	0.210
RC650711-025-170	6.500	7.110	0.248	0.232	0.136	0.210
RC675736-025-170	6.750	7.360	0.248	0.232	0.136	0.210
RC700761-025-170	7.000	7.610	0.248	0.232	0.136	0.210
RC725786-025-170	7.250	7.860	0.248	0.232	0.136	0.210
RC750811-025-170	7.500	8.110	0.248	0.232	0.136	0.210
RC775836-025-170	7.750	8.360	0.248	0.232	0.136	0.210

RC-170

Rod Composite Seal Style 170

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC800883-032-170	8.000	8.827	0.319	0.311	0.187	0.275
RC825908-032-170	8.250	9.077	0.319	0.311	0.187	0.275
RC850933-032-170	8.500	9.327	0.319	0.311	0.187	0.275
RC875958-032-170	8.750	9.577	0.319	0.311	0.187	0.275
RC900983-032-170	9.000	9.827	0.319	0.311	0.187	0.275
RC9251008-032-170	9.250	10.077	0.319	0.311	0.187	0.275
RC9501033-032-170	9.500	10.327	0.319	0.311	0.187	0.275
RC9751058-032-170	9.750	10.577	0.319	0.311	0.187	0.275
RC10001096-032-170	10.000	10.964	0.319	0.311	0.256	0.275
RC10251121-032-170	10.250	11.214	0.319	0.311	0.256	0.275
RC10501146-032-170	10.500	11.464	0.319	0.311	0.256	0.275
RC10751171-032-170	10.750	11.714	0.319	0.311	0.256	0.275
RC11001196-032-170	11.000	11.964	0.319	0.311	0.256	0.275
RC11251221-032-170	11.250	12.214	0.319	0.311	0.256	0.275
RC11501246-032-170	11.500	12.464	0.319	0.311	0.256	0.275
RC11751271-032-170	11.750	12.714	0.319	0.311	0.256	0.275
RC12001296-032-170	12.000	12.964	0.319	0.311	0.256	0.275
RC12251321-032-170	12.250	13.214	0.319	0.311	0.256	0.275
RC12501346-032-170	12.500	13.464	0.319	0.311	0.256	0.275
RC12751371-032-170	12.750	13.714	0.319	0.311	0.256	0.275
RC13001396-032-170	13.000	13.964	0.319	0.311	0.256	0.275
RC13251421-032-170	13.250	14.214	0.319	0.311	0.256	0.275
RC13501446-032-170	13.500	14.464	0.319	0.311	0.256	0.275
RC13751471-032-170	13.750	14.714	0.319	0.311	0.256	0.275
RC14001496-032-170	14.000	14.964	0.319	0.311	0.256	0.275
RC14251521-032-170	14.250	15.214	0.319	0.311	0.256	0.275
RC14501546-032-170	14.500	15.464	0.319	0.311	0.256	0.275
RC14751571-032-170	14.750	15.714	0.319	0.311	0.256	0.275
RC15001596-032-170	15.000	15.964	0.319	0.311	0.256	0.275
RC15251621-032-170	15.250	16.214	0.319	0.311	0.256	0.275
RC15501646-032-170	15.500	16.464	0.319	0.311	0.256	0.275
RC15751671-032-170	15.750	16.714	0.319	0.311	0.256	0.275
RC16001696-032-170	16.000	16.964	0.319	0.311	0.256	0.275
RC16251721-032-170	16.250	17.214	0.319	0.311	0.256	0.275
RC16501746-032-170	16.500	17.464	0.319	0.311	0.256	0.275
RC16751771-032-170	16.750	17.714	0.319	0.311	0.256	0.275
RC17001796-032-170	17.000	17.964	0.319	0.311	0.256	0.275
RC17251821-032-170	17.250	18.214	0.319	0.311	0.256	0.275
RC17501846-032-170	17.500	18.464	0.319	0.311	0.256	0.275
RC17751871-032-170	17.750	18.714	0.319	0.311	0.256	0.275

RC-170

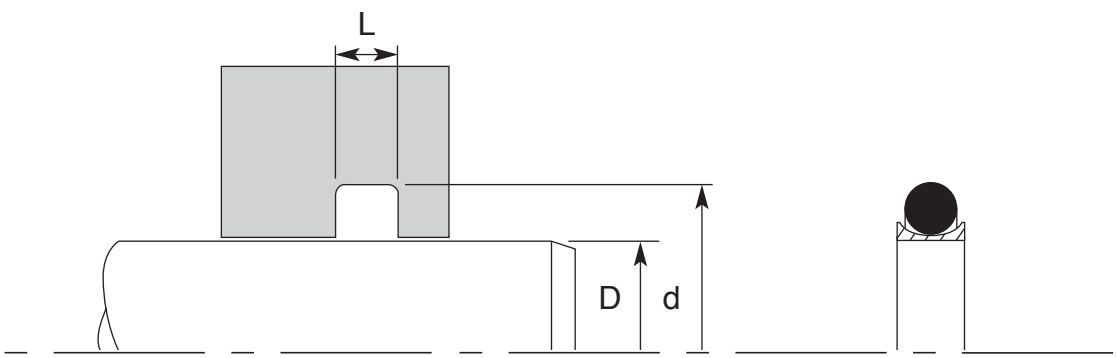
Rod Composite Seal Style 170

Imperial Range (inches)

Part Number	D	d	L	C	c/s	O-ring c/s
RC18001896-032-170	18.000	18.964	0.319	0.311	0.256	0.275
RC18251921-032-170	18.250	19.214	0.319	0.311	0.256	0.275
RC18501946-032-170	18.500	19.464	0.319	0.311	0.256	0.275
RC18751971-032-170	18.750	19.714	0.319	0.311	0.256	0.275
RC19001996-032-170	19.000	19.964	0.319	0.311	0.256	0.275
RC19252021-032-170	19.250	20.214	0.319	0.311	0.256	0.275
RC19502046-032-170	19.500	20.464	0.319	0.311	0.256	0.275
RC19752071-032-170	19.750	20.714	0.319	0.311	0.256	0.275
RC20002096-032-170	20.000	20.964	0.319	0.311	0.256	0.275

RC-740

Rod Composite Seal Style 740



Metric Part Number Explained

RC70-79.4-7.1-740-M

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Imperial Part Number Explained

RC200237-028-740-M

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-30 to +100°C*
Surface Speed	≤4 m/s

** Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The RC-740 is a double acting two part seal consisting of a concave PTFE sleeve and an elastomer energiser.
The PTFE sleeve is generally manufactured from modified PTFE however it is also available in various other materials which include bronze, carbon and glass filled PTFE (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

RC-740

Rod Composite Seal Style 740

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
RC4-6.9-2.4-740-M	4.0	6.9	2.4	1.78
RC4-6.9-3.8-740-M	4.0	6.9	3.8	1.78
RC4-6.9-5.2-740-M	4.0	6.9	5.2	1.78
RC5-7.9-2.4-740-M	5.0	7.9	2.4	1.78
RC5-7.9-3.8-740-M	5.0	7.9	3.8	1.78
RC5-7.9-5.2-740-M	5.0	7.9	5.2	1.78
RC6-8.9-2.4-740-M	6.0	8.9	2.4	1.78
RC6-8.9-3.8-740-M	6.0	8.9	3.8	1.78
RC6-8.9-5.2-740-M	6.0	8.9	5.2	1.78
RC8-10.9-2.4-740-M	8.0	10.9	2.4	1.78
RC8-10.9-3.8-740-M	8.0	10.9	3.8	1.78
RC8-10.9-5.2-740-M	8.0	10.9	5.2	1.78
RC10-14.5-3.6-740-M	10.0	14.5	3.6	2.62
RC10-14.5-5-740-M	10.0	14.5	5.0	2.62
RC10-14.5-6.4-740-M	10.0	14.5	6.4	2.62
RC12-16.5-3.6-740-M	12.0	16.5	3.6	2.62
RC12-16.5-5-740-M	12.0	16.5	5.0	2.62
RC12-16.5-6.4-740-M	12.0	16.5	6.4	2.62
RC14-18.5-3.6-740-M	14.0	18.5	3.6	2.62
RC14-18.5-5-740-M	14.0	18.5	5.0	2.62
RC14-18.5-6.4-740-M	14.0	18.5	6.4	2.62
RC15-19.5-3.6-740-M	15.0	19.5	3.6	2.62
RC15-19.5-5-740-M	15.0	19.5	5.0	2.62
RC15-19.5-6.4-740-M	15.0	19.5	6.4	2.62
RC16-20.5-3.6-740-M	16.0	20.5	3.6	2.62
RC16-20.5-5-740-M	16.0	20.5	5.0	2.62
RC16-20.5-6.4-740-M	16.0	20.5	6.4	2.62
RC18-22.5-3.6-740-M	18.0	22.5	3.6	2.62
RC18-22.5-5-740-M	18.0	22.5	5.0	2.62
RC18-22.5-6.4-740-M	18.0	22.5	6.4	2.62
RC20-26.2-4.8-740-M	20.0	26.2	4.8	3.53
RC20-26.2-6.2-740-M	20.0	26.2	6.2	3.53
RC20-26.2-7.6-740-M	20.0	26.2	7.6	3.53
RC22-28.2-4.8-740-M	22.0	28.2	4.8	3.53
RC22-28.2-6.2-740-M	22.0	28.2	6.2	3.53
RC22-28.2-7.6-740-M	22.0	28.2	7.6	3.53
RC25-31.2-4.8-740-M	25.0	31.2	4.8	3.53
RC25-31.2-6.2-740-M	25.0	31.2	6.2	3.53
RC25-31.2-7.6-740-M	25.0	31.2	7.6	3.53
RC30-36.2-4.8-740-M	30.0	36.2	4.8	3.53

RC-740

Rod Composite Seal Style 740

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
RC30-36.2-6.2-740-M	30.0	36.2	6.2	3.53
RC30-36.2-7.6-740-M	30.0	36.2	7.6	3.53
RC35-41.2-4.8-740-M	35.0	41.2	4.8	3.53
RC35-41.2-6.2-740-M	35.0	41.2	6.2	3.53
RC35-41.2-7.6-740-M	35.0	41.2	7.6	3.53
RC40-49.4-7.1-740-M	40.0	49.4	7.1	5.33
RC40-49.4-8.8-740-M	40.0	49.4	8.8	5.33
RC40-49.4-10.5-740-M	40.0	49.4	10.5	5.33
RC45-54.4-7.1-740-M	45.0	54.4	7.1	5.33
RC45-54.4-8.8-740-M	45.0	54.4	8.8	5.33
RC45-54.4-10.5-740-M	45.0	54.4	10.5	5.33
RC48-57.4-7.1-740-M	48.0	57.4	7.1	5.33
RC48-57.4-8.8-740-M	48.0	57.4	8.8	5.33
RC48-57.4-10.5-740-M	48.0	57.4	10.5	5.33
RC50-59.4-7.1-740-M	50.0	59.4	7.1	5.33
RC50-59.4-8.8-740-M	50.0	59.4	8.8	5.33
RC50-59.4-10.5-740-M	50.0	59.4	10.5	5.33
RC52-61.4-7.1-740-M	52.0	61.4	7.1	5.33
RC52-61.4-8.8-740-M	52.0	61.4	8.8	5.33
RC52-61.4-10.5-740-M	52.0	61.4	10.5	5.33
RC56-65.4-7.1-740-M	56.0	65.4	7.1	5.33
RC56-65.4-8.8-740-M	56.0	65.4	8.8	5.33
RC56-65.4-10.5-740-M	56.0	65.4	10.5	5.33
RC60-69.4-7.1-740-M	60.0	69.4	7.1	5.33
RC60-69.4-8.8-740-M	60.0	69.4	8.8	5.33
RC60-69.4-10.5-740-M	60.0	69.4	10.5	5.33
RC63-72.4-7.1-740-M	63.0	72.4	7.1	5.33
RC63-72.4-8.8-740-M	63.0	72.4	8.8	5.33
RC63-72.4-10.5-740-M	63.0	72.4	10.5	5.33
RC65-74.4-7.1-740-M	65.0	74.4	7.1	5.33
RC65-74.4-8.8-740-M	65.0	74.4	8.8	5.33
RC65-74.4-10.5-740-M	65.0	74.4	10.5	5.33
RC70-79.4-7.1-740-M	70.0	79.4	7.1	5.33
RC70-79.4-8.8-740-M	70.0	79.4	8.8	5.33
RC70-79.4-10.5-740-M	70.0	79.4	10.5	5.33
RC75-84.4-7.1-740-M	75.0	84.4	7.1	5.33
RC75-84.4-8.8-740-M	75.0	84.4	8.8	5.33
RC75-84.4-10.5-740-M	75.0	84.4	10.5	5.33
RC80-89.4-7.1-740-M	80.0	89.4	7.1	5.33
RC80-89.4-8.8-740-M	80.0	89.4	8.8	5.33

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

RC-740

Rod Composite Seal Style 740

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
RC80-89.4-10.5-740-M	80.0	89.4	10.5	5.33
RC85-94.4-7.1-740-M	85.0	94.4	7.1	5.33
RC85-94.4-8.8-740-M	85.0	94.4	8.8	5.33
RC85-94.4-10.5-740-M	85.0	94.4	10.5	5.33
RC90-99.4-7.1-740-M	90.0	99.4	7.1	5.33
RC90-99.4-8.8-740-M	90.0	99.4	8.8	5.33
RC90-99.4-10.5-740-M	90.0	99.4	10.5	5.33
RC95-104.4-7.1-740-M	95.0	104.4	7.1	5.33
RC95-104.4-8.8-740-M	95.0	104.4	8.8	5.33
RC95-104.4-10.5-740-M	95.0	104.4	10.5	5.33
RC100-109.4-7.1-740-M	100.0	109.4	7.1	5.33
RC100-109.4-8.8-740-M	100.0	109.4	8.8	5.33
RC100-109.4-10.5-740-M	100.0	109.4	10.5	5.33
RC105-114.4-7.1-740-M	105.0	114.4	7.1	5.33
RC105-114.4-8.8-740-M	105.0	114.4	8.8	5.33
RC105-114.4-10.5-740-M	105.0	114.4	10.5	5.33
RC110-119.4-7.1-740-M	110.0	119.4	7.1	5.33
RC110-119.4-8.8-740-M	110.0	119.4	8.8	5.33
RC110-119.4-10.5-740-M	110.0	119.4	10.5	5.33
RC115-124.4-7.1-740-M	115.0	124.4	7.1	5.33
RC115-124.4-8.8-740-M	115.0	124.4	8.8	5.33
RC115-124.4-10.5-740-M	115.0	124.4	10.5	5.33
RC120-132.2-9.5-740-M	120.0	132.2	9.5	6.99
RC120-132.2-12-740-M	120.0	132.2	12.0	6.99
RC120-132.2-14.5-740-M	120.0	132.2	14.5	6.99
RC125-137.2-9.5-740-M	125.0	137.2	9.5	6.99
RC125-137.2-12-740-M	125.0	137.2	12.0	6.99
RC125-137.2-14.5-740-M	125.0	137.2	14.5	6.99
RC130-142.2-9.5-740-M	130.0	142.2	9.5	6.99
RC130-142.2-12-740-M	130.0	142.2	12.0	6.99
RC130-142.2-14.5-740-M	130.0	142.2	14.5	6.99
RC135-147.2-9.5-740-M	135.0	147.2	9.5	6.99
RC135-147.2-12-740-M	135.0	147.2	12.0	6.99
RC135-147.2-14.5-740-M	135.0	147.2	14.5	6.99
RC140-152.2-9.5-740-M	140.0	152.2	9.5	6.99
RC140-152.2-12-740-M	140.0	152.2	12.0	6.99
RC140-152.2-14.5-740-M	140.0	152.2	14.5	6.99
RC150-162.2-9.5-740-M	150.0	162.2	9.5	6.99
RC150-162.2-12-740-M	150.0	162.2	12.0	6.99
RC150-162.2-14.5-740-M	150.0	162.2	14.5	6.99

RC-740

Rod Composite Seal Style 740

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
RC160-172.2-9.5-740-M	160.0	172.2	9.5	6.99
RC160-172.2-12-740-M	160.0	172.2	12.0	6.99
RC160-172.2-14.5-740-M	160.0	172.2	14.5	6.99
RC170-182.2-9.5-740-M	170.0	182.2	9.5	6.99
RC170-182.2-12-740-M	170.0	182.2	12.0	6.99
RC170-182.2-14.5-740-M	170.0	182.2	14.5	6.99
RC180-192.2-9.5-740-M	180.0	192.2	9.5	6.99
RC180-192.2-12-740-M	180.0	192.2	12.0	6.99
RC180-192.2-14.5-740-M	180.0	192.2	14.5	6.99
RC190-202.2-9.5-740-M	190.0	202.2	9.5	6.99
RC190-202.2-12-740-M	190.0	202.2	12.0	6.99
RC190-202.2-14.5-740-M	190.0	202.2	14.5	6.99
RC200-212.2-9.5-740-M	200.0	212.2	9.5	6.99
RC200-212.2-12-740-M	200.0	212.2	12.0	6.99
RC200-212.2-14.5-740-M	200.0	212.2	14.5	6.99
RC210-222.2-9.5-740-M	210.0	222.2	9.5	6.99
RC210-222.2-12-740-M	210.0	222.2	12.0	6.99
RC210-222.2-14.5-740-M	210.0	222.2	14.5	6.99
RC220-232.2-9.5-740-M	220.0	232.2	9.5	6.99
RC220-232.2-12-740-M	220.0	232.2	12.0	6.99
RC220-232.2-14.5-740-M	220.0	232.2	14.5	6.99
RC230-242.2-9.5-740-M	230.0	242.2	9.5	6.99
RC230-242.2-12-740-M	230.0	242.2	12.0	6.99
RC230-242.2-14.5-740-M	230.0	242.2	14.5	6.99
RC240-252.2-9.5-740-M	240.0	252.2	9.5	6.99
RC240-252.2-12-740-M	240.0	252.2	12.0	6.99
RC240-252.2-14.5-740-M	240.0	252.2	14.5	6.99
RC250-262.2-9.5-740-M	250.0	262.2	9.5	6.99
RC250-262.2-12-740-M	250.0	262.2	12.0	6.99
RC250-262.2-14.5-740-M	250.0	262.2	14.5	6.99
RC260-272.2-9.5-740-M	260.0	272.2	9.5	6.99
RC260-272.2-12-740-M	260.0	272.2	12.0	6.99
RC260-272.2-14.5-740-M	260.0	272.2	14.5	6.99
RC270-282.2-9.5-740-M	270.0	282.2	9.5	6.99
RC270-282.2-12-740-M	270.0	282.2	12.0	6.99
RC270-282.2-14.5-740-M	270.0	282.2	14.5	6.99
RC280-292.2-9.5-740-M	280.0	292.2	9.5	6.99
RC280-292.2-12-740-M	280.0	292.2	12.0	6.99
RC280-292.2-14.5-740-M	280.0	292.2	14.5	6.99
RC290-302.2-9.5-740-M	290.0	302.2	9.5	6.99

RC-740

Rod Composite Seal Style 740

Metric Range (mm)

Part Number	D	d	L	O-ring c/s
RC290-302.2-12-740-M	290.0	302.2	12.0	6.99
RC290-302.2-14.5-740-M	290.0	302.2	14.5	6.99
RC300-312.2-9.5-740-M	300.0	312.2	9.5	6.99
RC300-312.2-12-740-M	300.0	312.2	12.0	6.99
RC300-312.2-14.5-740-M	300.0	312.2	14.5	6.99
RC310-322.2-9.5-740-M	310.0	322.2	9.5	6.99
RC310-322.2-12-740-M	310.0	322.2	12.0	6.99
RC310-322.2-14.5-740-M	310.0	322.2	14.5	6.99
RC320-332.2-9.5-740-M	320.0	332.2	9.5	6.99
RC320-332.2-12-740-M	320.0	332.2	12.0	6.99
RC320-332.2-14.5-740-M	320.0	332.2	14.5	6.99
RC330-342.2-9.5-740-M	330.0	342.2	9.5	6.99
RC330-342.2-12-740-M	330.0	342.2	12.0	6.99
RC330-342.2-14.5-740-M	330.0	342.2	14.5	6.99
RC340-352.2-9.5-740-M	340.0	352.2	9.5	6.99
RC340-352.2-12-740-M	340.0	352.2	12.0	6.99
RC340-352.2-14.5-740-M	340.0	352.2	14.5	6.99
RC350-362.2-9.5-740-M	350.0	362.2	9.5	6.99
RC350-362.2-12-740-M	350.0	362.2	12.0	6.99
RC350-362.2-14.5-740-M	350.0	362.2	14.5	6.99
RC360-372.2-9.5-740-M	360.0	372.2	9.5	6.99
RC360-372.2-12-740-M	360.0	372.2	12.0	6.99
RC360-372.2-14.5-740-M	360.0	372.2	14.5	6.99
RC370-382.2-9.5-740-M	370.0	382.2	9.5	6.99
RC370-382.2-12-740-M	370.0	382.2	12.0	6.99
RC370-382.2-14.5-740-M	370.0	382.2	14.5	6.99
RC380-392.2-9.5-740-M	380.0	392.2	9.5	6.99
RC380-392.2-12-740-M	380.0	392.2	12.0	6.99
RC380-392.2-14.5-740-M	380.0	392.2	14.5	6.99
RC390-402.2-9.5-740-M	390.0	402.2	9.5	6.99
RC390-402.2-12-740-M	390.0	402.2	12.0	6.99
RC390-402.2-14.5-740-M	390.0	402.2	14.5	6.99
RC400-412.2-9.5-740-M	400.0	412.2	9.5	6.99
RC400-412.2-12-740-M	400.0	412.2	12.0	6.99
RC400-412.2-14.5-740-M	400.0	412.2	14.5	6.99

RC-740

Rod Composite Seal Style 740

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
RC018030-011-740-M	0.187	0.302	0.110	0.070
RC018030-015-740-M	0.187	0.302	0.150	0.070
RC018030-021-740-M	0.187	0.302	0.205	0.070
RC025036-011-740-M	0.250	0.364	0.110	0.070
RC025036-015-740-M	0.250	0.364	0.150	0.070
RC025036-021-740-M	0.250	0.364	0.205	0.070
RC031043-011-740-M	0.312	0.426	0.110	0.070
RC031043-015-740-M	0.312	0.426	0.150	0.070
RC031043-021-740-M	0.312	0.426	0.205	0.070
RC037049-011-740-M	0.375	0.489	0.110	0.070
RC037049-015-740-M	0.375	0.489	0.150	0.070
RC037049-021-740-M	0.375	0.489	0.205	0.070
RC050068-014-740-M	0.500	0.677	0.142	0.103
RC050068-018-740-M	0.500	0.677	0.177	0.103
RC050068-024-740-M	0.500	0.677	0.244	0.103
RC062080-014-740-M	0.625	0.802	0.142	0.103
RC062080-018-740-M	0.625	0.802	0.177	0.103
RC062080-024-740-M	0.625	0.802	0.244	0.103
RC075093-014-740-M	0.750	0.927	0.142	0.103
RC075093-018-740-M	0.750	0.927	0.177	0.103
RC075093-024-740-M	0.750	0.927	0.244	0.103
RC087112-019-740-M	0.875	1.119	0.189	0.139
RC087112-024-740-M	0.875	1.119	0.244	0.139
RC087112-030-740-M	0.875	1.119	0.299	0.139
RC100124-019-740-M	1.000	1.244	0.189	0.139
RC100124-024-740-M	1.000	1.244	0.244	0.139
RC100124-030-740-M	1.000	1.244	0.299	0.139
RC125149-019-740-M	1.250	1.494	0.189	0.139
RC125149-024-740-M	1.250	1.494	0.244	0.139
RC125149-030-740-M	1.250	1.494	0.299	0.139
RC150174-019-740-M	1.500	1.744	0.189	0.139
RC150174-024-740-M	1.500	1.744	0.244	0.139
RC150174-030-740-M	1.500	1.744	0.299	0.139
RC162200-028-740-M	1.625	1.995	0.280	0.210
RC162200-035-740-M	1.625	1.995	0.346	0.210
RC162200-041-740-M	1.625	1.995	0.413	0.210
RC175212-028-740-M	1.750	2.120	0.280	0.210
RC175212-035-740-M	1.750	2.120	0.346	0.210
RC175212-041-740-M	1.750	2.120	0.413	0.210
RC200237-028-740-M	2.000	2.370	0.280	0.210

RC-740

Rod Composite Seal Style 740

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
RC200237-035-740-M	2.000	2.370	0.346	0.210
RC200237-041-740-M	2.000	2.370	0.413	0.210
RC225262-028-740-M	2.250	2.620	0.280	0.210
RC225262-035-740-M	2.250	2.620	0.346	0.210
RC225262-041-740-M	2.250	2.620	0.413	0.210
RC250287-028-740-M	2.500	2.870	0.280	0.210
RC250287-035-740-M	2.500	2.870	0.346	0.210
RC250287-041-740-M	2.500	2.870	0.413	0.210
RC275312-028-740-M	2.750	3.120	0.280	0.210
RC275312-035-740-M	2.750	3.120	0.346	0.210
RC275312-041-740-M	2.750	3.120	0.413	0.210
RC300337-028-740-M	3.000	3.370	0.280	0.210
RC300337-035-740-M	3.000	3.370	0.346	0.210
RC300337-041-740-M	3.000	3.370	0.413	0.210
RC325362-028-740-M	3.250	3.620	0.280	0.210
RC325362-035-740-M	3.250	3.620	0.346	0.210
RC325362-041-740-M	3.250	3.620	0.413	0.210
RC350387-028-740-M	3.500	3.870	0.280	0.210
RC350387-035-740-M	3.500	3.870	0.346	0.210
RC350387-041-740-M	3.500	3.870	0.413	0.210
RC375412-028-740-M	3.750	4.120	0.280	0.210
RC375412-035-740-M	3.750	4.120	0.346	0.210
RC375412-041-740-M	3.750	4.120	0.413	0.210
RC400437-028-740-M	4.000	4.370	0.280	0.210
RC400437-035-740-M	4.000	4.370	0.346	0.210
RC400437-041-740-M	4.000	4.370	0.413	0.210
RC425462-028-740-M	4.250	4.620	0.280	0.210
RC425462-035-740-M	4.250	4.620	0.346	0.210
RC425462-041-740-M	4.250	4.620	0.413	0.210
RC450487-028-740-M	4.500	4.870	0.280	0.210
RC450487-035-740-M	4.500	4.870	0.346	0.210
RC450487-041-740-M	4.500	4.870	0.413	0.210
RC475512-037-740-M	4.750	5.120	0.374	0.275
RC475512-047-740-M	4.750	5.120	0.472	0.275
RC475512-057-740-M	4.750	5.120	0.570	0.275
RC500548-037-740-M	5.000	5.480	0.374	0.275
RC500548-047-740-M	5.000	5.480	0.472	0.275
RC500548-057-740-M	5.000	5.480	0.570	0.275
RC550598-037-740-M	5.500	5.980	0.374	0.275
RC550598-047-740-M	5.500	5.980	0.472	0.275

RC-740

Rod Composite Seal Style 740

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
RC550598-057-740-M	5.500	5.980	0.570	0.275
RC600648-037-740-M	6.000	6.480	0.374	0.275
RC600648-047-740-M	6.000	6.480	0.472	0.275
RC600648-057-740-M	6.000	6.480	0.570	0.275
RC650698-037-740-M	6.500	6.980	0.374	0.275
RC650698-047-740-M	6.500	6.980	0.472	0.275
RC650698-057-740-M	6.500	6.980	0.570	0.275
RC700748-037-740-M	7.000	7.480	0.374	0.275
RC700748-047-740-M	7.000	7.480	0.472	0.275
RC700748-057-740-M	7.000	7.480	0.570	0.275
RC750798-037-740-M	7.500	7.980	0.374	0.275
RC750798-047-740-M	7.500	7.980	0.472	0.275
RC750798-057-740-M	7.500	7.980	0.570	0.275
RC800848-037-740-M	8.000	8.480	0.374	0.275
RC800848-047-740-M	8.000	8.480	0.472	0.275
RC800848-057-740-M	8.000	8.480	0.570	0.275
RC850898-037-740-M	8.500	8.980	0.374	0.275
RC850898-047-740-M	8.500	8.980	0.472	0.275
RC850898-057-740-M	8.500	8.980	0.570	0.275
RC900948-037-740-M	9.000	9.480	0.374	0.275
RC900948-047-740-M	9.000	9.480	0.472	0.275
RC900948-057-740-M	9.000	9.480	0.570	0.275
RC950998-037-740-M	9.500	9.980	0.374	0.275
RC950998-047-740-M	9.500	9.980	0.472	0.275
RC950998-057-740-M	9.500	9.980	0.570	0.275
RC10001048-037-740-M	10.000	10.480	0.374	0.275
RC10001048-047-740-M	10.000	10.480	0.472	0.275
RC10001048-057-740-M	10.000	10.480	0.570	0.275
RC10501098-037-740-M	10.500	10.980	0.374	0.275
RC10501098-047-740-M	10.500	10.980	0.472	0.275
RC10501098-057-740-M	10.500	10.980	0.570	0.275
RC11001148-037-740-M	11.000	11.480	0.374	0.275
RC11001148-047-740-M	11.000	11.480	0.472	0.275
RC11001148-057-740-M	11.000	11.480	0.570	0.275
RC11501198-037-740-M	11.500	11.980	0.374	0.275
RC11501198-047-740-M	11.500	11.980	0.472	0.275
RC11501198-057-740-M	11.500	11.980	0.570	0.275
RC12001248-037-740-M	12.000	12.480	0.374	0.275
RC12001248-047-740-M	12.000	12.480	0.472	0.275
RC12001248-057-740-M	12.000	12.480	0.570	0.275

RC-740

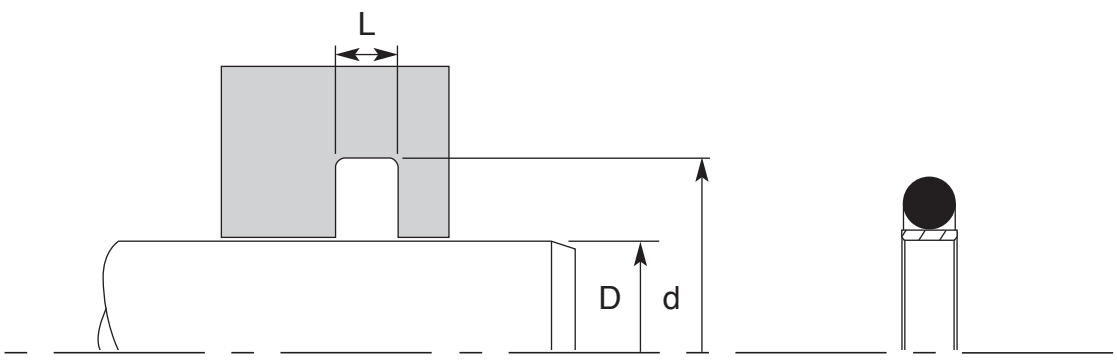
Rod Composite Seal Style 740

Imperial Range (inches)

Part Number	D	d	L	O-ring c/s
RC12501298-037-740-M	12.500	12.980	0.374	0.275
RC12501298-047-740-M	12.500	12.980	0.472	0.275
RC12501298-057-740-M	12.500	12.980	0.570	0.275
RC13001348-037-740-M	13.000	13.480	0.374	0.275
RC13001348-047-740-M	13.000	13.480	0.472	0.275
RC13001348-057-740-M	13.000	13.480	0.570	0.275
RC13501398-037-740-M	13.500	13.980	0.374	0.275
RC13501398-047-740-M	13.500	13.980	0.472	0.275
RC13501398-057-740-M	13.500	13.980	0.570	0.275
RC14001448-037-740-M	14.000	14.480	0.374	0.275
RC14001448-047-740-M	14.000	14.480	0.472	0.275
RC14001448-057-740-M	14.000	14.480	0.570	0.275
RC14501498-037-740-M	14.500	14.980	0.374	0.275
RC14501498-047-740-M	14.500	14.980	0.472	0.275
RC14501498-057-740-M	14.500	14.980	0.570	0.275
RC15001548-037-740-M	15.000	15.480	0.374	0.275
RC15001548-047-740-M	15.000	15.480	0.472	0.275
RC15001548-057-740-M	15.000	15.480	0.570	0.275
RC15501598-037-740-M	15.500	15.980	0.374	0.275
RC15501598-047-740-M	15.500	15.980	0.472	0.275
RC15501598-057-740-M	15.500	15.980	0.570	0.275
RC16001648-037-740-M	16.000	16.480	0.374	0.275
RC16001648-047-740-M	16.000	16.480	0.472	0.275
RC16001648-057-740-M	16.000	16.480	0.570	0.275

RC-1710

Rod Composite Seal Style 1710



Part Number Explained

RC70-82.5-5.6-1710-M

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Operating Conditions	
Working Pressure	≤160bar
Working Temperature	-30 to +100°C*
Surface Speed	≤4 m/s

* Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The RC-1710 is a light duty double acting two part seal consisting of a light duty PTFE sleeve and an elastomer energiser.
The PTFE sleeve is generally manufactured in modified PTFE but is also available in other compounds which include bronze, carbon and glass filled PTFE (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

RC-1710

Rod Composite Seal Style 1710

Metric Range (mm)

Part Number	D	d	L	O-ring
RC3-7-2-1710-M	3.0	7.0	2.0	1.78
RC4-8-2-1710-M	4.0	8.0	2.0	1.78
RC5-9-2-1710-M	5.0	9.0	2.0	1.78
RC5.5-9.5-2-1710-M	5.5	9.5	2.0	1.78
RC6-10-2-1710-M	6.0	10.0	2.0	1.78
RC8-12-2-1710-M	8.0	12.0	2.0	1.78
RC10-14-2-1710-M	10.0	14.0	2.0	1.78
RC10-16-2.8-1710-M	10.0	16.0	2.85	2.62
RC11-17-2.8-1710-M	11.0	17.0	2.85	2.62
RC12-18-2.8-1710-M	12.0	18.0	2.85	2.62
RC14-20-2.8-1710-M	14.0	20.0	2.85	2.62
RC15-21-2.8-1710-M	15.0	21.0	2.85	2.62
RC16-22-2.8-1710-M	16.0	22.0	2.85	2.62
RC18-24-2.8-1710-M	18.0	24.0	2.85	2.62
RC18-25.5-3.8-1710-M	18.0	25.5	3.80	3.53
RC20-27.5-3.8-1710-M	20.0	27.5	3.80	3.53
RC22-29.5-3.8-1710-M	22.0	29.5	3.80	3.53
RC23-30.5-3.8-1710-M	23.0	30.5	3.80	3.53
RC24-31.5-3.8-1710-M	24.0	31.5	3.80	3.53
RC25-32.5-3.8-1710-M	25.0	32.5	3.80	3.53
RC26-33.5-3.8-1710-M	26.0	33.5	3.80	3.53
RC28-35.5-3.8-1710-M	28.0	35.5	3.80	3.53
RC30-37.5-3.8-1710-M	30.0	37.5	3.80	3.53
RC32-39.5-3.8-1710-M	32.0	39.5	3.80	3.53
RC33-40.5-3.8-1710-M	33.0	40.5	3.80	3.53
RC35-42.5-3.8-1710-M	35.0	42.5	3.80	3.53
RC36-43.5-3.8-1710-M	36.0	43.5	3.80	3.53
RC38-45.5-3.8-1710-M	38.0	45.5	3.80	3.53
RC38-50.5-5.6-1710-M	38.0	50.5	5.60	5.33
RC40-52.5-5.6-1710-M	40.0	52.5	5.60	5.33
RC44-56.5-5.6-1710-M	44.0	56.5	5.60	5.33
RC45-57.5-5.6-1710-M	45.0	57.5	5.60	5.33
RC50-62.5-5.6-1710-M	50.0	62.5	5.60	5.33
RC53-65.5-5.6-1710-M	53.0	65.5	5.60	5.33
RC56-68.5-5.6-1710-M	56.0	68.5	5.60	5.33
RC60-72.5-5.6-1710-M	60.0	72.5	5.60	5.33
RC63-75.5-5.6-1710-M	63.0	75.5	5.60	5.33
RC65-77.5-5.6-1710-M	65.0	77.5	5.60	5.33
RC68-80.5-5.6-1710-M	68.0	80.5	5.60	5.33
RC70-82.5-5.6-1710-M	70.0	82.5	5.60	5.33

RC-1710

Rod Composite Seal Style 1710

Metric Range (mm)

Part Number	D	d	L	O-ring
RC75-87.5-5.6-1710-M	75.0	87.5	5.60	5.33
RC79-91.5-5.6-1710-M	79.0	91.5	5.60	5.33
RC80-92.5-5.6-1710-M	80.0	92.5	5.60	5.33
RC85-97.5-5.6-1710-M	85.0	97.5	5.60	5.33
RC88-100.5-5.6-1710-M	88.0	100.5	5.60	5.33
RC90-102.5-5.6-1710-M	90.0	102.5	5.60	5.33
RC95-107.5-5.6-1710-M	95.0	107.5	5.60	5.33
RC98-110.5-5.6-1710-M	98.0	110.5	5.60	5.33
RC100-112.5-5.6-1710-M	100.0	112.5	5.60	5.33
RC105-117.5-5.6-1710-M	105.0	117.5	5.60	5.33
RC107-119.5-5.6-1710-M	107.0	119.5	5.60	5.33
RC110-122.5-5.6-1710-M	110.0	122.5	5.60	5.33
RC115-130-7.5-1710-M	115.0	130.0	7.55	6.99
RC117-132-7.5-1710-M	117.0	132.0	7.55	6.99
RC120-135-7.5-1710-M	120.0	135.0	7.55	6.99
RC123-138-7.5-1710-M	123.0	138.0	7.55	6.99
RC125-140-7.5-1710-M	125.0	140.0	7.55	6.99
RC130-145-7.5-1710-M	130.0	145.0	7.55	6.99
RC133-148-7.5-1710-M	133.0	148.0	7.55	6.99
RC135-150-7.5-1710-M	135.0	150.0	7.55	6.99
RC140-155-7.5-1710-M	140.0	155.0	7.55	6.99
RC142-157-7.5-1710-M	142.0	157.0	7.55	6.99
RC145-160-7.5-1710-M	145.0	160.0	7.55	6.99
RC150-165-7.5-1710-M	150.0	165.0	7.55	6.99
RC155-173-7.5-1710-M	155.0	173.0	7.55	6.99
RC160-178-7.5-1710-M	160.0	178.0	7.55	6.99
RC165-183-7.5-1710-M	165.0	183.0	7.55	6.99
RC170-188-7.5-1710-M	170.0	188.0	7.55	6.99
RC175-193-7.5-1710-M	175.0	193.0	7.55	6.99
RC180-198-7.5-1710-M	180.0	198.0	7.55	6.99
RC185-203-7.5-1710-M	185.0	203.0	7.55	6.99
RC190-208-7.5-1710-M	190.0	208.0	7.55	6.99
RC195-213-7.5-1710-M	195.0	213.0	7.55	6.99
RC200-218-7.5-1710-M	200.0	218.0	7.55	6.99
RC220-238-7.5-1710-M	220.0	238.0	7.55	6.99
RC230-248-7.5-1710-M	230.0	248.0	7.55	6.99
RC240-264-7.5-1710-M	240.0	264.0	7.55	6.99
RC250-274-7.5-1710-M	250.0	274.0	7.55	6.99
RC270-294-7.5-1710-M	270.0	294.0	7.55	6.99
RC280-304-7.5-1710-M	280.0	304.0	7.55	6.99

RC-1710

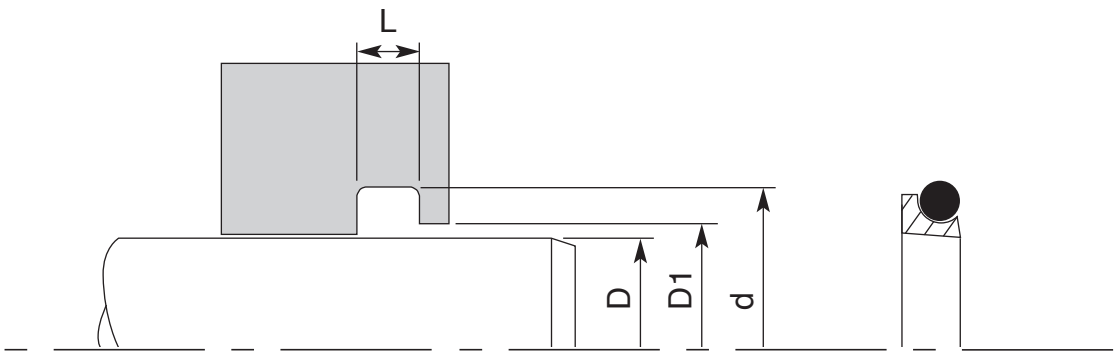
Rod Composite Seal Style 1710

Metric Range (mm)

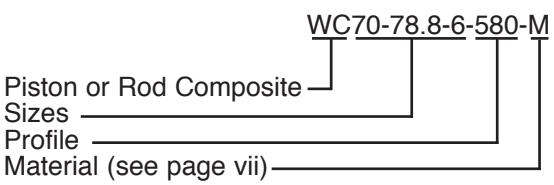
Part Number	D	d	L	O-ring
RC290-314-7.5-1710-M	290.0	314.0	7.55	6.99
RC300-324-7.5-1710-M	300.0	324.0	7.55	6.99
RC320-344-7.5-1710-M	320.0	344.0	7.55	6.99
RC330-354-7.5-1710-M	330.0	354.0	7.55	6.99
RC340-364-7.5-1710-M	340.0	364.0	7.55	6.99
RC360-384-7.5-1710-M	360.0	384.0	7.55	6.99
RC370-394-7.5-1710-M	370.0	394.0	7.55	6.99
RC380-404-7.5-1710-M	380.0	404.0	7.55	6.99

WC-580

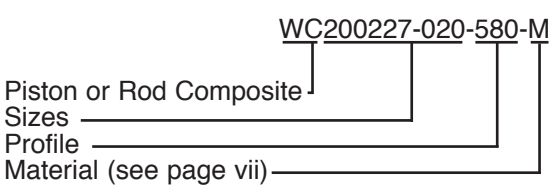
Wiper Composite Seal Style 580



Metric Part Number Explained



Imperial Part Number Explained



Operating Conditions	
Working Temperature	-30 to +100°C*
Surface Speed	≤4 m/s

* Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The WC-580 is a single acting two part rod wiper seal consisting of a profiled PTFE sleeve and an elastomer energiser.
The PTFE sleeve can be manufactured with various fillers which include bronze, carbon and glass fibres to help improve the performance of the seal (see page vii).
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

WC-580

Wiper Composite Seal Style 580

Metric Range (mm)

Part Number	D	d	L	D1	O-ring
WC4-8.8-3.7-580	4.0	8.8	3.7	6.7	1.78
WC5-9.8-3.7-580	5.0	9.8	3.7	7.7	1.78
WC7-11.8-3.7-580	7.0	11.8	3.7	9.7	1.78
WC8-12.8-3.7-580	8.0	12.8	3.7	10.7	1.78
WC10-14.8-3.7-580	10.0	14.8	3.7	12.7	1.78
WC12-18.8-5-580	12.0	18.8	5.0	15.5	2.62
WC14-20.8-5-580	14.0	20.8	5.0	17.5	2.62
WC15-21.8-5-580	15.0	21.8	5.0	18.5	2.62
WC16-22.8-5-580	16.0	22.8	5.0	19.5	2.62
WC18-24.8-5-580	18.0	24.8	5.0	21.5	2.62
WC20-26.8-5-580	20.0	26.8	5.0	23.5	2.62
WC24-30.8-5-580	24.0	30.8	5.0	27.5	2.62
WC25-31.8-5-580	25.0	31.8	5.0	28.5	2.62
WC26-32.8-5-580	26.0	32.8	5.0	29.5	2.62
WC28-34.8-5-580	28.0	34.8	5.0	31.5	2.62
WC30-36.8-5-580	30.0	36.8	5.0	33.5	2.62
WC32-38.8-5-580	32.0	38.8	5.0	35.5	2.62
WC35-41.8-5-580	35.0	41.8	5.0	38.5	2.62
WC37-43.8-5-580	37.0	43.8	5.0	40.5	2.62
WC38-44.8-5-580	38.0	44.8	5.0	41.5	2.62
WC40-46.8-5-580	40.0	46.8	5.0	43.5	2.62
WC42-48.8-5-580	42.0	48.8	5.0	45.5	2.62
WC45-51.8-5-580	45.0	51.8	5.0	48.5	2.62
WC48-54.8-5-580	48.0	54.8	5.0	51.5	2.62
WC50-56.8-5-580	50.0	56.8	5.0	53.5	2.62
WC52-58.8-5-580	52.0	58.8	5.0	55.5	2.62
WC55-61.8-5-580	55.0	61.8	5.0	58.5	2.62
WC58-64.8-5-580	58.0	64.8	5.0	61.5	2.62
WC60-66.8-5-580	60.0	66.8	5.0	63.5	2.62
WC63-69.8-5-580	63.0	69.8	5.0	66.5	2.62
WC65-73.8-6-580	65.0	73.8	6.0	69.0	3.53
WC70-78.8-6-580	70.0	78.8	6.0	74.0	3.53
WC75-83.8-6-580	75.0	83.8	6.0	79.0	3.53
WC80-88.8-6-580	80.0	88.8	6.0	84.0	3.53
WC85-93.8-6-580	85.0	93.8	6.0	89.0	3.53
WC90-98.8-6-580	90.0	98.8	6.0	94.0	3.53
WC95-103.8-6-580	95.0	103.8	6.0	99.0	3.53
WC100-108.8-6-580	100.0	108.8	6.0	104.0	3.53
WC105-113.8-6-580	105.0	113.8	6.0	109.0	3.53
WC110-118.8-6-580	110.0	118.8	6.0	114.0	3.53

WC-580

Wiper Composite Seal Style 580

Metric Range (mm)

Part Number	D	d	L	D1	O-ring
WC115-123.8-6-580	115.0	123.8	6.0	119.0	3.53
WC120-128.8-6-580	120.0	128.8	6.0	124.0	3.53
WC125-133.8-6-580	125.0	133.8	6.0	129.0	3.53
WC130-138.8-6-580	130.0	138.8	6.0	134.0	3.53
WC140-148.8-6-580	140.0	148.8	6.0	144.0	3.53
WC150-158.8-6-580	150.0	158.8	6.0	154.0	3.53
WC155-163.8-6-580	155.0	163.8	6.0	159.0	3.53
WC160-168.8-6-580	160.0	168.8	6.0	164.0	3.53
WC165-173.8-6-580	165.0	173.8	6.0	169.0	3.53
WC170-178.8-6-580	170.0	178.8	6.0	174.0	3.53
WC175-183.8-6-580	175.0	183.8	6.0	179.0	3.53
WC180-188.8-6-580	180.0	188.8	6.0	184.0	3.53
WC185-193.8-6-580	185.0	193.8	6.0	189.0	3.53
WC190-198.8-6-580	190.0	198.8	6.0	194.0	3.53
WC195-203.8-6-580	195.0	203.8	6.0	199.0	3.53
WC200-208.8-6-580	200.0	208.8	6.0	204.0	3.53
WC210-218.8-6-580	210.0	218.8	6.0	214.0	3.53
WC220-228.8-6-580	220.0	228.8	6.0	224.0	3.53
WC230-238.8-6-580	230.0	238.8	6.0	234.0	3.53
WC240-248.8-6-580	240.0	248.8	6.0	244.0	3.53
WC250-258.8-6-580	250.0	258.8	6.0	254.0	3.53
WC250-262.2-8.4-580	250.0	262.2	8.4	254.5	5.33
WC260-272.2-8.4-580	260.0	272.2	8.4	264.5	5.33
WC270-282.2-8.4-580	270.0	282.2	8.4	274.5	5.33
WC280-292.2-8.4-580	280.0	292.2	8.4	284.5	5.33
WC290-302.2-8.4-580	290.0	302.2	8.4	294.5	5.33
WC300-312.2-8.4-580	300.0	312.2	8.4	304.5	5.33
WC310-322.2-8.4-580	310.0	322.2	8.4	314.5	5.33
WC320-332.2-8.4-580	320.0	332.2	8.4	324.5	5.33
WC330-342.2-8.4-580	330.0	342.2	8.4	334.5	5.33
WC340-352.2-8.4-580	340.0	352.2	8.4	344.5	5.33
WC350-362.2-8.4-580	350.0	362.2	8.4	354.5	5.33
WC360-372.2-8.4-580	360.0	372.2	8.4	364.5	5.33
WC370-382.2-8.4-580	370.0	382.2	8.4	374.5	5.33
WC380-392.2-8.4-580	380.0	392.2	8.4	384.5	5.33
WC390-402.2-8.4-580	390.0	402.2	8.4	394.5	5.33
WC400-412.2-8.4-580	400.0	412.2	8.4	404.5	5.33
WC410-422.2-8.4-580	410.0	422.2	8.4	414.5	5.33
WC420-432.2-8.4-580	420.0	432.2	8.4	424.5	5.33
WC420-436-11-580	420.0	436.0	11.0	425.2	6.99

WC-580

Wiper Composite Seal Style 580

Metric Range (mm)

Part Number	D	d	L	D1	O-ring
WC430-446-11-580	430.0	446.0	11.0	435.2	6.99
WC440-456-11-580	440.0	456.0	11.0	445.2	6.99
WC450-466-11-580	450.0	466.0	11.0	455.2	6.99
WC460-476-11-580	460.0	476.0	11.0	465.2	6.99
WC470-486-11-580	470.0	486.0	11.0	475.2	6.99
WC480-496-11-580	480.0	496.0	11.0	485.2	6.99
WC490-506-11-580	490.0	506.0	11.0	495.2	6.99
WC500-516-11-580	500.0	516.0	11.0	505.2	6.99

WC-580

Wiper **C**omposite Seal Style **580**

Imperial Range (inches)

Part Number	D	d	L	D1	O-ring
WC018037-015-580	0.187	0.377	0.146	0.293	0.070
WC025044-015-580	0.250	0.439	0.146	0.356	0.070
WC031050-015-580	0.312	0.501	0.146	0.418	0.070
WC037056-015-580	0.375	0.564	0.146	0.481	0.070
WC050077-020-580	0.500	0.768	0.197	0.638	0.103
WC062089-020-580	0.625	0.893	0.197	0.763	0.103
WC075102-020-580	0.750	1.018	0.197	0.888	0.103
WC087105-020-580	0.875	1.053	0.197	1.013	0.103
WC100127-020-580	1.000	1.268	0.197	1.138	0.103
WC112139-020-580	1.125	1.393	0.197	1.263	0.103
WC125152-020-580	1.250	1.518	0.197	1.388	0.103
WC137164-020-580	1.375	1.643	0.197	1.513	0.103
WC150177-020-580	1.500	1.768	0.197	1.638	0.103
WC162189-020-580	1.625	1.893	0.197	1.763	0.103
WC175202-020-580	1.750	2.018	0.197	1.888	0.103
WC187205-020-580	1.875	2.053	0.197	2.013	0.103
WC200227-020-580	2.000	2.268	0.197	2.138	0.103
WC212239-020-580	2.125	2.393	0.197	2.263	0.103
WC225252-020-580	2.250	2.518	0.197	2.388	0.103
WC237264-020-580	2.375	2.643	0.197	2.513	0.103
WC250277-020-580	2.500	2.768	0.197	2.638	0.103
WC262297-023-580	2.625	2.971	0.236	2.782	0.139
WC275310-023-580	2.750	3.096	0.236	2.907	0.139
WC287322-023-580	2.875	3.221	0.236	3.032	0.139
WC300335-023-580	3.000	3.346	0.236	3.157	0.139
WC325360-023-580	3.250	3.596	0.236	3.407	0.139
WC350384-023-580	3.500	3.846	0.236	3.657	0.139
WC375410-023-580	3.750	4.096	0.236	3.907	0.139
WC400435-023-580	4.000	4.346	0.236	4.157	0.139
WC425460-023-580	4.250	4.596	0.236	4.407	0.139
WC450484-023-580	4.500	4.846	0.236	4.657	0.139
WC475510-023-580	4.750	5.096	0.236	4.907	0.139
WC500535-023-580	5.000	5.346	0.236	5.157	0.139
WC525560-023-580	5.250	5.596	0.236	5.407	0.139
WC550584-023-580	5.500	5.846	0.236	5.657	0.139
WC575610-023-580	5.750	6.096	0.236	5.907	0.139
WC600635-023-580	6.000	6.346	0.236	6.157	0.139
WC625660-023-580	6.250	6.596	0.236	6.407	0.139
WC650684-023-580	6.500	6.846	0.236	6.657	0.139
WC675710-023-580	6.750	7.096	0.236	6.907	0.139

WC-580

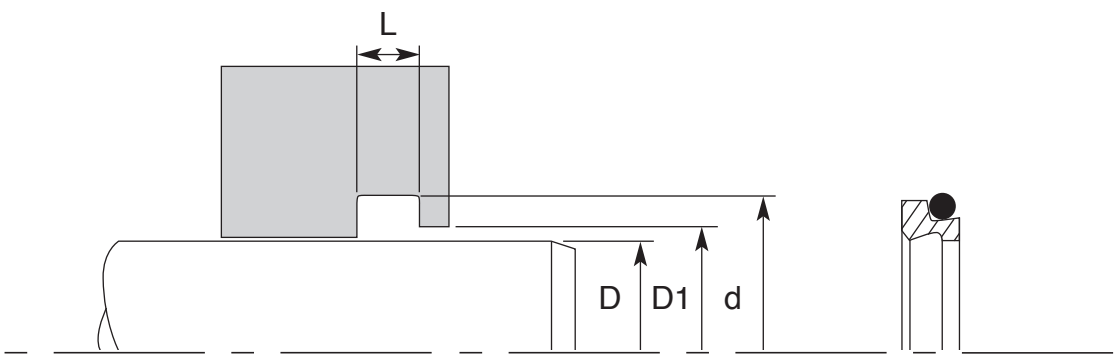
Wiper Composite Seal Style 580

Imperial Range (inches)

Part Number	D	d	L	D1	O-ring
WC700735-023-580	7.000	7.346	0.236	7.157	0.139
WC725760-023-580	7.250	7.596	0.236	7.407	0.139
WC750784-023-580	7.500	7.846	0.236	7.657	0.139
WC775810-023-580	7.750	8.096	0.236	7.907	0.139
WC800835-023-580	8.000	8.346	0.236	8.157	0.139
WC825860-023-580	8.250	8.596	0.236	8.407	0.139
WC850884-023-580	8.500	8.846	0.236	8.657	0.139
WC875910-023-580	8.750	9.096	0.236	8.907	0.139
WC900935-023-580	9.000	9.346	0.236	9.157	0.139
WC925960-023-580	9.250	9.596	0.236	9.407	0.139
WC950984-023-580	9.500	9.846	0.236	9.657	0.139
WC9751010-023-580	9.750	10.096	0.236	9.907	0.139
WC10001048-033-580	10.000	10.480	0.330	10.177	0.210
WC10251073-033-580	10.250	10.730	0.330	10.427	0.210
WC10501098-033-580	10.500	10.980	0.330	10.677	0.210
WC10751123-033-580	10.750	11.230	0.330	10.927	0.210
WC11001148-033-580	11.000	11.480	0.330	11.177	0.210
WC11251173-033-580	11.250	11.730	0.330	11.427	0.210
WC11501198-033-580	11.500	11.980	0.330	11.677	0.210
WC11751223-033-580	11.750	12.230	0.330	11.927	0.210
WC12001248-033-580	12.000	12.480	0.330	12.177	0.210
WC12251273-033-580	12.250	12.730	0.330	12.427	0.210
WC12501298-033-580	12.500	12.980	0.330	12.677	0.210
WC12751323-033-580	12.750	13.230	0.330	12.927	0.210
WC13001348-033-580	13.000	13.480	0.330	13.177	0.210
WC13251373-033-580	13.250	13.730	0.330	13.427	0.210
WC13501398-033-580	13.500	13.980	0.330	13.677	0.210
WC13751423-033-580	13.750	14.230	0.330	13.927	0.210
WC14001448-033-580	14.000	14.480	0.330	14.177	0.210
WC14251473-033-580	14.250	14.730	0.330	14.427	0.210
WC14501498-033-580	14.500	14.980	0.330	14.677	0.210
WC14751523-033-580	14.750	15.230	0.330	14.927	0.210
WC15001548-033-580	15.000	15.480	0.330	15.177	0.210
WC15251573-033-580	15.250	15.730	0.330	15.427	0.210
WC15501598-033-580	15.500	15.980	0.330	15.677	0.210
WC15751623-033-580	15.750	16.230	0.330	15.927	0.210
WC16001648-033-580	16.000	16.480	0.330	16.177	0.210

WC-590

Wiper Composite Seal Style 590



Metric Part Number Explained

WC70-78.8-6-590-M

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Imperial Part Number Explained

WC200227-020-590-M

- Piston or Rod Composite
- Sizes
- Profile
- Material (see page vii)

Operating Conditions	
Working Temperature	-30 to +100°C*
Surface Speed	≤4 m/s

* Up to 200°C depending on o-ring material.

The above values are maximum values and cannot be applied at the same time.

The WC-590 is a double acting two part rod wiper seal consisting of a profiled sleeve and an elastomer energiser.
The PTFE inner sleeve can be manufactured from various compounds including polyurethane, bronze and carbon filled PTFE.
The elastomer energiser can be supplied in various compounds depending on the environment the seal is operating in (see page viii).

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

WC-590

Wiper Composite Seal Style 590

Metric Range (mm)

Part Number	D	d	L	D1	O-ring
WC4-8.8-3.7-590	4.0	8.8	3.7	6.7	1.78
WC5-9.8-3.7-590	5.0	9.8	3.7	7.7	1.78
WC7-11.8-3.7-590	7.0	11.8	3.7	9.7	1.78
WC8-12.8-3.7-590	8.0	12.8	3.7	10.7	1.78
WC10-14.8-3.7-590	10.0	14.8	3.7	12.7	1.78
WC12-18.8-5-590	12.0	18.8	5.0	15.5	2.62
WC14-20.8-5-590	14.0	20.8	5.0	17.5	2.62
WC15-21.8-5-590	15.0	21.8	5.0	18.5	2.62
WC16-22.8-5-590	16.0	22.8	5.0	19.5	2.62
WC18-24.8-5-590	18.0	24.8	5.0	21.5	2.62
WC20-26.8-5-590	20.0	26.8	5.0	23.5	2.62
WC20-27.6-4.2-590	20.0	27.6	4.2	21.5	2.62
WC24-30.8-5-590	24.0	30.8	5.0	27.5	2.62
WC25-31.8-5-590	25.0	31.8	5.0	28.5	2.62
WC25-32.6-4.2-590	25.0	32.6	4.2	26.5	2.62
WC26-32.8-5-590	26.0	32.8	5.0	29.5	2.62
WC28-34.8-5-590	28.0	34.8	5.0	31.5	2.62
WC28-35.6-4.2-590	28.0	35.6	4.2	21.5	2.62
WC30-36.8-5-590	30.0	36.8	5.0	33.5	2.62
WC30-37.6-4.2-590	30.0	37.6	4.2	31.5	2.62
WC32-38.8-5-590	32.0	38.8	5.0	35.5	2.62
WC32-39.6-4.2-590	32.0	39.6	4.2	33.5	2.62
WC35-41.8-5-590	35.0	41.8	5.0	38.5	2.62
WC36-43.6-4.2-590	36.0	43.6	4.2	37.5	2.62
WC37-43.8-5-590	37.0	43.8	5.0	40.5	2.62
WC38-44.8-5-590	38.0	44.8	5.0	41.5	2.62
WC40-46.8-5-590	40.0	46.8	5.0	43.5	2.62
WC40-48.8-6.3-590	40.0	48.8	6.3	41.5	2.62
WC42-48.8-5-590	42.0	48.8	5.0	45.5	2.62
WC42-50.8-6.3-590	42.0	50.8	6.3	43.5	2.62
WC45-51.8-5-590	45.0	51.8	5.0	48.5	2.62
WC45-53.8-6.3-590	45.0	53.8	6.3	46.5	2.62
WC48-54.8-5-590	48.0	54.8	5.0	51.5	2.62
WC50-56.8-5-590	50.0	56.8	5.0	53.5	2.62
WC50-58.8-6.3-590	50.0	58.8	6.3	51.5	2.62
WC52-58.8-5-590	52.0	58.8	5.0	55.5	2.62
WC55-61.8-5-590	55.0	61.8	5.0	58.5	2.62
WC55-63.8-6.3-590	55.0	63.8	6.3	56.5	2.62
WC56-64.8-6.3-590	56.0	64.8	6.3	57.5	2.62
WC58-64.8-5-590	58.0	64.8	5.0	61.5	2.62

WC-590

Wiper Composite Seal Style 590

Metric Range (mm)

Part Number	D	d	L	D1	O-ring
WC60-66.8-5-590	60.0	66.8	5.0	63.5	2.62
WC60-68.8-6.3-590	60.0	68.8	6.3	61.5	2.62
WC63-69.8-5-590	63.0	69.8	5.0	66.5	2.62
WC63-71.8-6.3-590	63.0	71.8	6.3	64.5	2.62
WC65-73.8-6-590	65.0	73.8	6.0	69.0	3.53
WC65-73.8-6.3-590	65.0	73.8	6.3	66.5	2.62
WC70-78.8-6-590	70.0	78.8	6.0	74.0	3.53
WC70-82.2-8.1-590	70.0	82.2	8.1	72.0	3.53
WC75-83.8-6-590	75.0	83.8	6.0	79.0	3.53
WC75-87.2-8.1-590	75.0	87.2	8.1	77.0	3.53
WC80-88.8-6-590	80.0	88.8	6.0	84.0	3.53
WC80-92.2-8.1-590	80.0	92.2	8.1	82.0	3.53
WC85-93.8-6-590	85.0	93.8	6.0	89.0	3.53
WC85-97.2-8.1-590	85.0	97.2	8.1	87.0	3.53
WC90-98.8-6-590	90.0	98.8	6.0	94.0	3.53
WC90-102.2-8.1-590	90.0	102.2	8.1	92.0	3.53
WC95-103.8-6-590	95.0	103.8	6.0	99.0	3.53
WC97-109.2-8.1-590	97.0	109.2	8.1	99.0	3.53
WC99-111.2-8.1-590	99.0	111.2	8.1	102.0	3.53
WC100-108.8-6-590	100.0	108.8	6.0	104.0	3.53
WC100-112.2-8.1-590	100.0	112.2	8.1	102.0	3.53
WC105-113.8-6-590	105.0	113.8	6.0	109.0	3.53
WC105-117.2-8.1-590	105.0	117.2	8.1	107.0	3.53
WC110-118.8-6-590	110.0	118.8	6.0	114.0	3.53
WC110-122.2-8.1-590	110.0	122.2	8.1	112.0	3.53
WC115-123.8-6-590	115.0	123.8	6.0	119.0	3.53
WC115-127.2-8.1-590	115.0	127.2	8.1	117.0	3.53
WC120-128.8-6-590	120.0	128.8	6.0	124.0	3.53
WC120-132.2-8.1-590	120.0	132.2	8.1	122.0	3.53
WC125-133.8-6-590	125.0	133.8	6.0	129.0	3.53
WC125-137.2-8.1-590	125.0	137.2	8.1	127.0	3.53
WC130-138.8-6-590	130.0	138.8	6.0	134.0	3.53
WC130-142.2-8.1-590	130.0	142.2	8.1	132.0	3.53
WC135-147.2-8.1-590	135.0	147.2	8.1	137.0	3.53
WC140-148.8-6-590	140.0	148.8	6.0	144.0	3.53
WC140-156-9.5-590	140.0	156.0	9.5	142.5	5.33
WC150-158.8-6-590	150.0	158.8	6.0	154.0	3.53
WC150-166-9.5-590	150.0	166.0	9.5	152.5	5.33
WC153-169-9.5-590	153.0	169.0	9.5	155.5	5.33
WC155-163.8-6-590	155.0	163.8	6.0	159.0	3.53

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

WC-590

Wiper Composite Seal Style 590

Metric Range (mm)

Part Number	D	d	L	D1	O-ring
WC155-171-9.5-590	155.0	171.0	9.5	157.5	5.33
WC160-168.8-6-590	160.0	168.8	6.0	164.0	3.53
WC160-176-9.5-590	160.0	176.0	9.5	162.5	5.33
WC165-173.8-6-580	165.0	173.8	6.0	169.0	3.53
WC165-181-9.5-590	165.0	181.0	9.5	167.5	5.33
WC170-178.8-6-590	170.0	178.8	6.0	174.0	3.53
WC170-186-9.5-590	170.0	186.0	9.5	172.5	5.33
WC175-183.8-6-590	175.0	183.8	6.0	179.0	3.53
WC175-191-9.5-590	175.0	191.0	9.5	177.5	5.33
WC180-188.8-6-590	180.0	188.8	6.0	184.0	3.53
WC180-196-9.5-590	180.0	196.0	9.5	182.5	5.33
WC185-193.8-6-590	185.0	193.8	6.0	189.0	3.53
WC190-198.8-6-590	190.0	198.8	6.0	194.0	3.53
WC190-206-9.5-590	190.0	206.0	9.5	192.5	5.33
WC195-203.8-6-590	195.0	203.8	6.0	199.0	3.53
WC200-208.8-6-590	200.0	208.8	6.0	204.0	3.53
WC200-216-9.5-590	200.0	216.0	9.5	202.5	5.33
WC210-218.8-6-590	210.0	218.8	6.0	214.0	3.53
WC220-228.8-6-590	220.0	228.8	6.0	224.0	3.53
WC220-236-9.5-590	220.0	236.0	9.5	222.5	5.33
WC230-238.8-6-590	230.0	238.8	6.0	234.0	3.53
WC240-248.8-6-590	240.0	248.8	6.0	244.0	3.53
WC240-256-9.5-590	240.0	256.0	9.5	242.5	5.33
WC250-258.8-6-590	250.0	258.8	6.0	254.0	3.53
WC250-262.2-8.4-590	250.0	262.2	8.4	254.5	5.33
WC260-272.2-8.4-590	260.0	272.2	8.4	264.5	5.33
WC260-276-9.5-590	260.0	276.0	9.5	262.5	5.33
WC270-282.2-8.4-590	270.0	282.2	8.4	274.5	5.33
WC270-286-9.5-590	270.0	286.0	9.5	272.5	5.33
WC280-292.2-8.4-590	280.0	292.2	8.4	284.5	5.33
WC280-296-9.5-590	280.0	296.0	9.5	282.5	5.33
WC290-302.2-8.4-590	290.0	302.2	8.4	294.5	5.33
WC300-312.2-8.4-590	300.0	312.2	8.4	304.5	5.33
WC300-316-9.5-590	300.0	316.0	9.5	302.5	5.33
WC310-322.2-8.4-590	310.0	322.2	8.4	314.5	5.33
WC320-332.2-8.4-590	320.0	332.2	8.4	324.5	5.33
WC320-336-9.5-590	320.0	336.0	9.5	322.5	5.33
WC330-342.2-8.4-590	330.0	342.2	8.4	334.5	5.33
WC330-346-9.5-590	330.0	346.0	9.5	332.5	5.33
WC340-352.2-8.4-590	340.0	352.2	8.4	344.5	5.33

WC-590

Wiper Composite Seal Style 590

Metric Range (mm)

Part Number	D	d	L	D1	O-ring
WC350-362.2-8.4-590	350.0	362.2	8.4	354.5	5.33
WC350-366-9.5-590	350.0	366.0	9.5	352.5	5.33
WC360-372.2-8.4-590	360.0	372.2	8.4	364.5	5.33
WC360-376-9.5-590	360.0	376.0	9.5	362.5	5.33
WC370-382.2-8.4-590	370.0	382.2	8.4	374.5	5.33
WC380-392.2-8.4-590	380.0	392.2	8.4	384.5	5.33
WC380-396-9.5-590	380.0	396.0	9.5	382.5	5.33
WC390-402.2-8.4-590	390.0	402.2	8.4	394.5	5.33
WC400-412.2-8.4-590	400.0	412.2	8.4	404.5	5.33
WC400-424-14-590	400.0	424.0	14.0	402.5	6.99
WC410-422.2-8.4-590	410.0	422.2	8.4	414.5	5.33
WC420-432.2-8.4-590	420.0	432.2	8.4	424.5	5.33
WC420-436-11-590	420.0	436.0	11.0	425.2	6.99
WC430-446-11-590	430.0	446.0	11.0	435.2	6.99
WC440-456-11-590	440.0	456.0	11.0	445.2	6.99
WC440-464-14-590	440.0	464.0	14.0	442.5	6.99
WC450-466-11-590	450.0	466.0	11.0	455.2	6.99
WC450-474-14-590	450.0	474.0	14.0	452.5	6.99
WC460-476-11-590	460.0	476.0	11.0	465.2	6.99
WC470-486-11-590	470.0	486.0	11.0	475.2	6.99
WC480-496-11-590	480.0	496.0	11.0	485.2	6.99
WC480-504-14-590	480.0	504.0	14.0	482.5	6.99
WC490-506-11-590	490.0	506.0	11.0	495.2	6.99
WC500-516-11-590	500.0	516.0	11.0	505.2	6.99
WC500-524-14-590	500.0	524.0	14.0	502.5	6.99

WC-590

Wiper **C**omposite Seal Style **590**

Imperial Range (inches)

Part Number	D	d	L	D1	O-ring
WC018037-015-590	0.187	0.377	0.146	0.293	0.070
WC025044-015-590	0.250	0.439	0.146	0.356	0.070
WC031050-015-590	0.312	0.501	0.146	0.418	0.070
WC037056-015-590	0.375	0.564	0.146	0.481	0.070
WC050077-020-590	0.500	0.768	0.197	0.638	0.103
WC062089-020-590	0.625	0.893	0.197	0.763	0.103
WC075102-020-590	0.750	1.018	0.197	0.888	0.103
WC087114-020-590	0.875	1.143	0.197	1.013	0.103
WC100127-020-590	1.000	1.268	0.197	1.138	0.103
WC112139-020-590	1.125	1.393	0.197	1.263	0.103
WC125152-020-590	1.250	1.518	0.197	1.388	0.103
WC137164-020-590	1.375	1.643	0.197	1.513	0.103
WC150177-020-590	1.500	1.768	0.197	1.638	0.103
WC162189-020-590	1.625	1.893	0.197	1.763	0.103
WC175202-020-590	1.750	2.018	0.197	1.888	0.103
WC187205-020-590	1.875	2.053	0.197	2.013	0.103
WC200227-020-590	2.000	2.268	0.197	2.138	0.103
WC212239-020-590	2.125	2.393	0.197	2.263	0.103
WC225252-020-590	2.250	2.518	0.197	2.388	0.103
WC237264-020-590	2.375	2.643	0.197	2.513	0.103
WC250277-020-590	2.500	2.768	0.197	2.638	0.103
WC262297-023-590	2.625	2.971	0.236	2.782	0.139
WC275310-023-590	2.750	3.096	0.236	2.907	0.139
WC287322-023-590	2.875	3.221	0.236	3.032	0.139
WC300335-023-590	3.000	3.346	0.236	3.157	0.139
WC325360-023-590	3.250	3.596	0.236	3.407	0.139
WC350384-023-590	3.500	3.846	0.236	3.657	0.139
WC375410-023-590	3.750	4.096	0.236	3.907	0.139
WC400435-023-590	4.000	4.346	0.236	4.157	0.139
WC425460-023-590	4.250	4.596	0.236	4.407	0.139
WC450484-023-590	4.500	4.846	0.236	4.657	0.139
WC475510-023-590	4.750	5.096	0.236	4.907	0.139
WC500535-023-590	5.000	5.346	0.236	5.157	0.139
WC525560-023-590	5.250	5.596	0.236	5.407	0.139
WC550584-023-590	5.500	5.846	0.236	5.657	0.139
WC575610-023-590	5.750	6.096	0.236	5.907	0.139
WC600635-023-590	6.000	6.346	0.236	6.157	0.139
WC625660-023-590	6.250	6.596	0.236	6.407	0.139
WC650684-023-590	6.500	6.846	0.236	6.657	0.139
WC675710-023-590	6.750	7.096	0.236	6.907	0.139

WC-590

Wiper Composite Seal Style 590

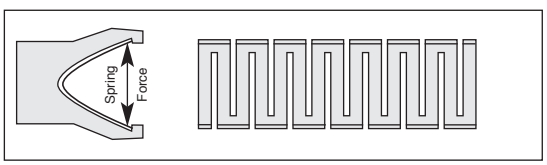
Imperial Range (inches)

Part Number	D	d	L	D1	O-ring
WC700735-023-590	7.000	7.346	0.236	7.157	0.139
WC725760-023-590	7.250	7.596	0.236	7.407	0.139
WC750784-023-590	7.500	7.846	0.236	7.657	0.139
WC775810-023-590	7.750	8.096	0.236	7.907	0.139
WC800835-023-590	8.000	8.346	0.236	8.157	0.139
WC825860-023-590	8.250	8.596	0.236	8.407	0.139
WC850884-023-590	8.500	8.846	0.236	8.657	0.139
WC875910-023-590	8.750	9.096	0.236	8.907	0.139
WC900935-023-590	9.000	9.346	0.236	9.157	0.139
WC925960-023-590	9.250	9.596	0.236	9.407	0.139
WC950984-023-590	9.500	9.846	0.236	9.657	0.139
WC9751010-023-590	9.750	10.096	0.236	9.907	0.139
WC10001048-033-590	10.000	10.480	0.330	10.177	0.210
WC10251073-033-590	10.250	10.730	0.330	10.427	0.210
WC10501098-033-590	10.500	10.980	0.330	10.677	0.210
WC10751123-033-590	10.750	11.230	0.330	10.927	0.210
WC11001148-033-590	11.000	11.480	0.330	11.177	0.210
WC11251173-033-590	11.250	11.730	0.330	11.427	0.210
WC11501198-033-590	11.500	11.980	0.330	11.677	0.210
WC11751223-033-590	11.750	12.230	0.330	11.927	0.210
WC12001248-033-590	12.000	12.480	0.330	12.177	0.210
WC12251273-033-590	12.250	12.730	0.330	12.427	0.210
WC12501298-033-590	12.500	12.980	0.330	12.677	0.210
WC12751323-033-590	12.750	13.230	0.330	12.927	0.210
WC13001348-033-590	13.000	13.480	0.330	13.177	0.210
WC13251373-033-590	13.250	13.730	0.330	13.427	0.210
WC13501398-033-590	13.500	13.980	0.330	13.677	0.210
WC13751423-033-590	13.750	14.230	0.330	13.927	0.210
WC14001448-033-590	14.000	14.480	0.330	14.177	0.210
WC14251473-033-590	14.250	14.730	0.330	14.427	0.210
WC14501498-033-590	14.500	14.980	0.330	14.677	0.210
WC14751523-033-590	14.750	15.230	0.330	14.927	0.210
WC15001548-033-590	15.000	15.480	0.330	15.177	0.210
WC15251573-033-590	15.250	15.730	0.330	15.427	0.210
WC15501598-033-590	15.500	15.980	0.330	15.677	0.210
WC15751623-033-590	15.750	16.230	0.330	15.927	0.210
WC16001648-033-590	16.000	16.480	0.330	16.177	0.210

Flexiseal®

The Flexiseal® system was designed to meet the ever increasing demand for seals to work in harsher environments. In extreme conditions where elastomers do not work PTFE is seen as the answer. However, PTFE is hardly elastic and requires an elastomer, usually in the form of an o-ring to enable it to seal efficiently. In extreme conditions an elastomer energiser will dramatically reduce the working range of the PTFE. The Flexiseal® system does away with an elastomer energiser and replaces it with an energising spring therefore enabling a greater range of the chemical and thermal properties of the PTFE to be used.

Flexiseals are available with three types of energising spring.

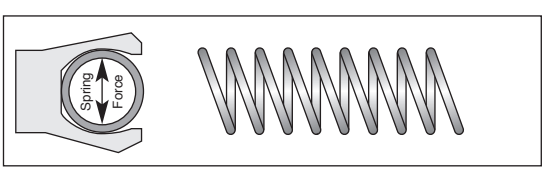


Cantilever Spring

The standard is the V-shaped Cantilever spring. The spring load of this seal is out at at the end of the long beam-leg right on the sealing edge.
The advantage of this is the wide range of flexibilty of the spring which allows for larger deviations in the the gland tolerances and seal wear.
This style of spring is suitable for rotary seals, dynamic rod and piston seals.

Working Conditions

Velocity:	Reciprocating:	15-20m/s
	Helical and Rotating:	max 4m/s
Pressure:	max. 350 bar	
Temperature:	-150 to +225°C	

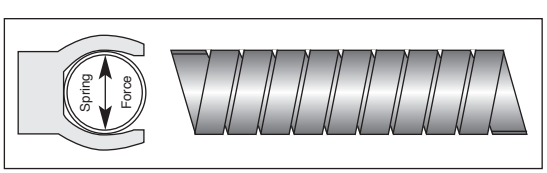


Canted-Coil Spring

The Canted Coil spring provides a relatively constant load over a large deflection range. This allows for larger deviations in the machining tolerances and seal wear.
Flexiseals® fitted with a Canted Coil spring are suitable for rotary seals, dynamic rod and piston seals.

Working Conditions

Velocity:	Reciprocating:	15m/s
	Helical and Rotating:	max 4m/s
Pressure:	max. 200 bar	
Temperature:	-150 to +225°C	



Helico Spring

The Helico spring provides a high load directly through the centre of it's spring.
It is not suitable for applications with large gland tollerances or eccentricity.
Flexiseals® fitted with a Helico spring are recommended for static applications, low temperature applications and very slow or irregular dynamic applications where positive sealing overides friction and wear.

Working Conditions

Velocity:	Reciprocating:	15-20m/s
	Helical and Rotating:	max 4m/s
Pressure:	max. 800 bar	
Temperature:	-150 to +260°C	

Flexiseal® is a Registered Trade Mark of Polar Seals

Flexiseal®

Spring Material Code

Standard Spring material is stainless steel.

Code:	0	=	Stainless Steel
	2	=	for aggresive media
	3	=	Stainless Steel spring with silicone filling
	4	=	spring for aggresive material and silicone filling

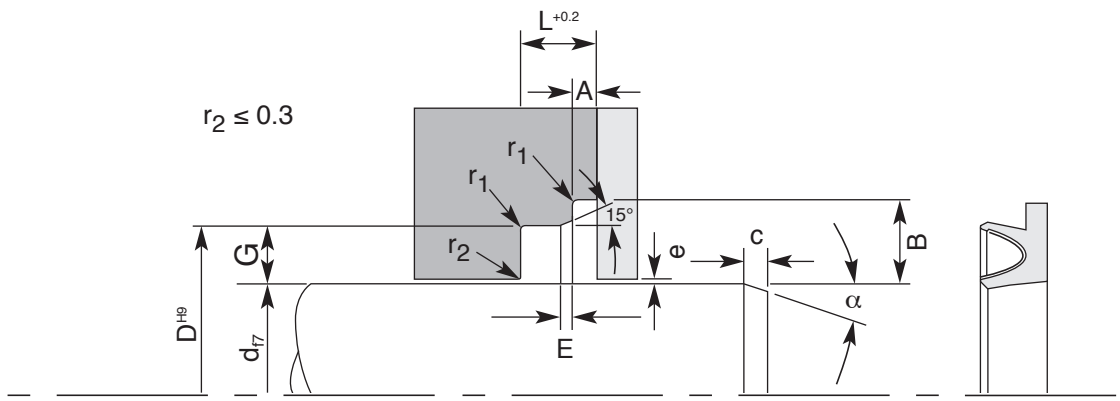
Values for Lead-in Chamfer

Recommended values for C, depending on the angle of the lead-in chamfer (α)

Cross-section	equiv. oring cross-section (mm)	C min for α = 15° (mm)	C min for α = 30° (mm)
A	1.78	4.2	2.0
B	2.62	4.7	2.2
C	3.53	5.2	2.4
D	5.33	8.2	3.8
E	6.99	11.9	5.5

Flexiseal® is a Registered Trade Mark of Polar Seals

Rotary Flexiseal®



For lead in chamfer dimensions see page 131

Part Number Explained

FS150-160.5-7.1RO-C

- Flexiseal
- Sizes
- Type, RO = Rotary
- Material (see page vii)

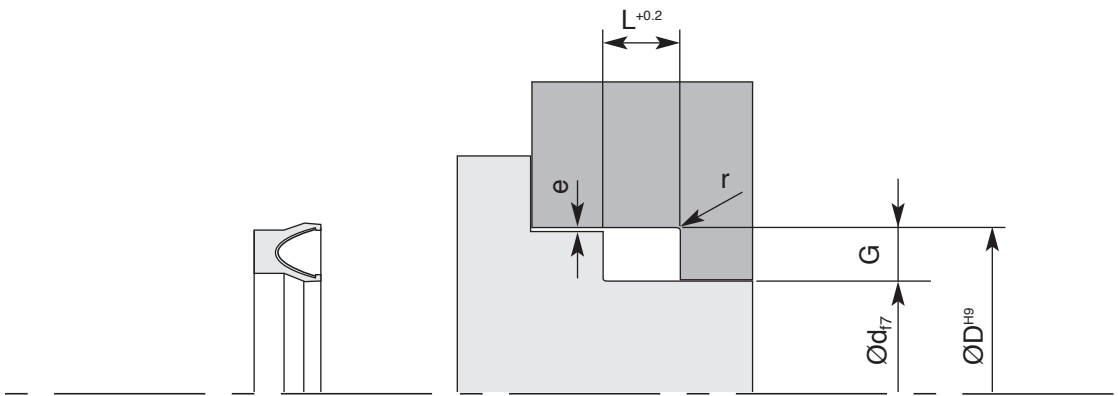
Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-150 to +225°C
Surface Speed	≤4 m/s

The above values are maximum values and cannot be applied at the same time.

Cross Section	O-ring Cross section	Recommended Rod Ø		Groove Width	Groove Depth	Flange Width	Flange Depth	Chamfer Width	Gap Max.	Radius Max.
	(mm)	d (mm) ≥	<	L (mm)	G (mm)	A (mm)	B (mm)	E (mm)	e (mm)	R_1 (mm)
A	2.62	8	20	3.6	$2.50^{+0.05}$	$0.85^{-0.10}$	$4.50^{+0.08}$	0.8	0.13	0.3
B	3.53	20	40	4.8	$3.50^{+0.08}$	$1.35^{-0.15}$	$6.25^{+0.10}$	1.1	0.15	0.4
C	5.33	40	400	7.1	$5.25^{+0.10}$	$1.75^{-0.20}$	$8.75^{+0.15}$	1.4	0.17	0.5
D	6.99	400	700	9.5	$7.00^{+0.10}$	$2.80^{-0.20}$	$11.00^{+0.15}$	1.6	0.25	0.5

Flexiseal® is a Registered Trade Mark of Polar Seals

Static Flexiseal® Inside Sealing



For lead in chamfer dimensions see page 131

Part Number Explained

FS150-160.5-7.1SR-C

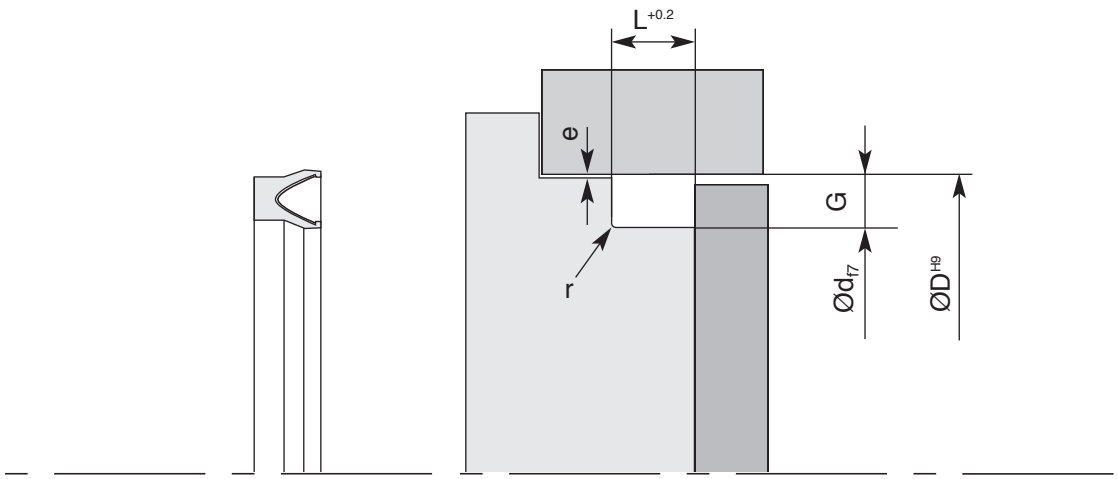
- Flexiseal
- Sizes
- Type, SR = Static Rod
- Material (see page vii)

Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-150 to +225°C

Cross Section	O-ring Cross section	Recommended Rod Ø range		Groove Width	Groove Depth	Gap Max.	Radius Max.
	(mm)	d (mm) ≥	<	L (mm)	G (mm)	e (mm)	r (mm)
Housing dimensions for O-ring grooves without back-up ring.							
A	1.78	4	10	2.40	1.45	0.13	0.4
B	2.62	10	20	3.60	2.25	0.13	0.4
C	3.53	20	40	4.80	3.10	0.15	0.6
D	5.33	40	120	7.10	4.70	0.17	0.8
E	6.99	120	700	9.50	6.10	0.25	0.8
Housing dimensions for O-ring grooves with back-up ring.							
A	1.78	4	10	3.80	1.45	0.13	0.4
B	2.62	10	20	4.65	2.25	0.13	0.4
C	3.53	20	40	5.70	3.10	0.15	0.6
D	5.33	40	120	8.50	4.70	0.17	0.8
E	6.99	120	700	11.20	6.10	0.25	0.8

Flexiseal® is a Registered Trade Mark of Polar Seals

Static Flexiseal® Outside Sealing



For lead in chamfer dimensions see page 131

Part Number Explained

FS150-160.5-7.1SP-C

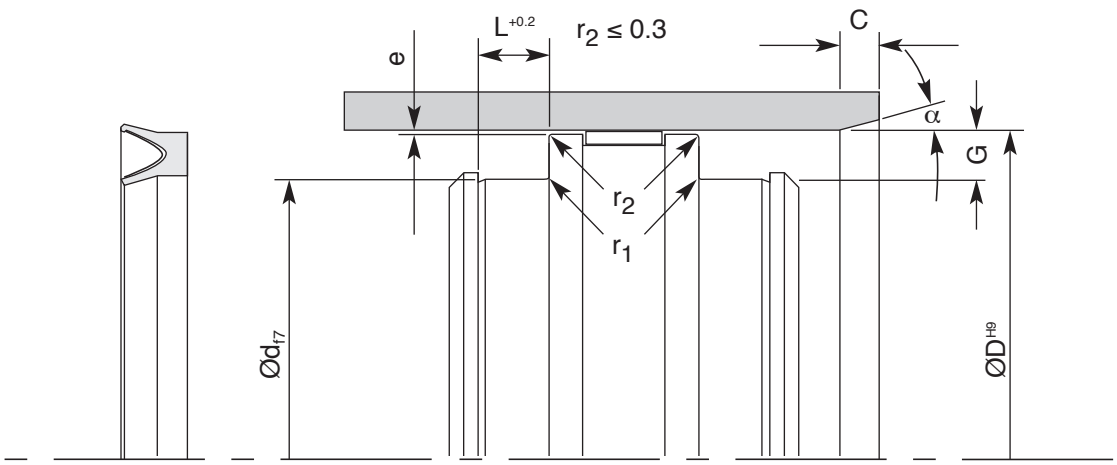
- Flexiseal
- Sizes
- Type, SP = Static Piston
- Material (see page vii)

Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-150 to +225°C

Cross Section	O-ring Cross section	Recommended Rod Ø range		Groove Width	Groove Depth	Gap Max.	Radius Max.
	(mm)	D (mm) ≥	<	L (mm)	G (mm)	e (mm)	r (mm)
Housing dimensions for O-ring grooves without back-up ring.							
A	1.78	4	14	2.40	1.45	0.13	0.4
B	2.62	14	25	3.60	2.25	0.13	0.4
C	3.53	25	46	4.80	3.10	0.15	0.6
D	5.33	46	125	7.10	4.70	0.17	0.8
E	6.99	125	700	9.50	6.10	0.25	0.8
Housing dimensions for O-ring grooves with back-up ring.							
A	1.78	4	14	3.80	1.45	0.13	0.4
B	2.62	14	25	4.65	2.25	0.13	0.4
C	3.53	25	46	5.70	3.10	0.15	0.6
D	5.33	46	125	8.50	4.70	0.17	0.8
E	6.99	125	700	11.20	6.10	0.25	0.8

Flexiseal® is a Registered Trade Mark of Polar Seals

Dynamic Flexiseal® Piston Working



For lead in chamfer dimensions see page 131

Part Number Explained

FS150-160.5-7.1DP-C

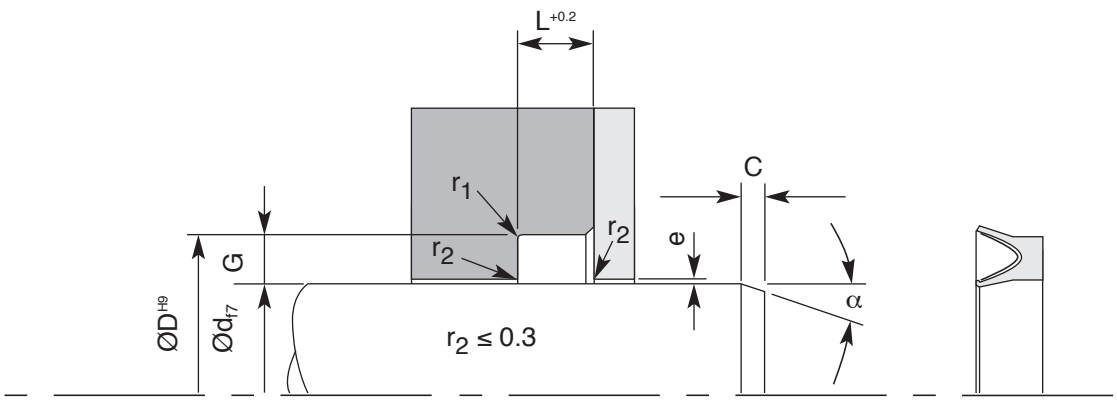
- Flexiseal
- Sizes
- Type, DP = Dynamic Piston
- Material (see page vii)

Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-150 to +225°C
Surface Speed	15-20 m/s

Cross Section	O-ring Cross section	Recommended Cylinder Ø range		Groove Width	Groove Depth	Gap Max.	Radius Max.
	(mm)	d (mm) ≥	<	L (mm)	G (mm)	e (mm)	R_1 (mm)
Housing dimensions for O-ring grooves without back-up ring.							
A	1.78	6	14	2.4	1.45	0.13	0.4
B	2.62	14	25	3.6	2.25	0.13	0.4
C	3.53	25	46	4.8	3.10	0.15	0.6
D	5.33	46	125	7.1	4.70	0.17	0.8
E	6.99	125	700	9.5	6.10	0.25	0.8
Housing dimensions for O-ring grooves without back-up ring.							
A	1.78	6	14	3.80	1.45	0.13	0.4
B	2.62	14	25	4.65	2.25	0.13	0.4
C	3.53	25	46	5.70	3.10	0.15	0.6
D	5.33	46	125	8.50	4.70	0.17	0.8
E	6.99	125	700	11.20	6.10	0.25	0.8

Flexiseal® is a Registered Trade Mark of Polar Seals

Dynamic Flexiseal® Rod Working



For lead in chamfer dimensions see page 131

Part Number Explained

FS150-160.5-7.1DR-C

- Flexiseal
- Sizes
- Type, DR = Dynamic Rod
- Material (see page vii)

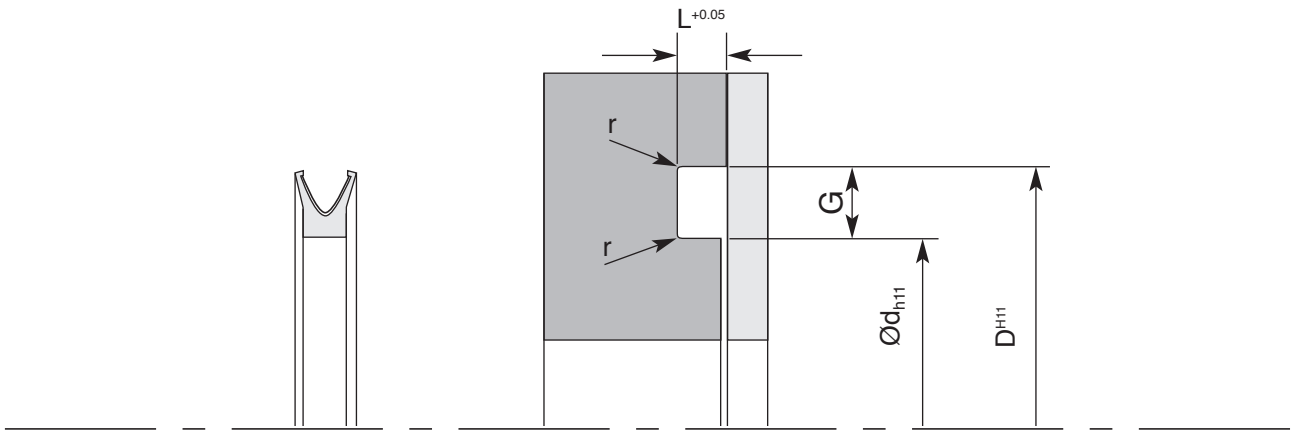
Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-150 to +225°C
Surface Speed	15-20 m/s

Cross Section	O-ring Cross section	Recommended Rod Ø range		Groove Width	Groove Depth	Gap Max.	Radius Max.
	(mm)	d (mm) ≥	<	L (mm)	G (mm)	e (mm)	R_1 (mm)
Housing dimensions for O-ring grooves without back-up ring.							
A	1.78	4	10	2.4	1.45	0.13	0.4
B	2.62	10	20	3.6	2.25	0.13	0.4
C	3.53	20	40	4.8	3.10	0.15	0.6
D	5.33	40	120	7.1	4.70	0.17	0.8
E	6.99	120	700	9.5	6.10	0.25	0.8
Housing dimensions for O-ring grooves with back-up ring.							
A	1.78	4	10	2.4	1.45	0.13	0.4
B	2.62	10	20	3.6	2.25	0.13	0.4
C	3.53	20	40	4.8	3.10	0.15	0.6
D	5.33	40	120	7.1	4.70	0.17	0.8
E	6.99	120	700	9.5	6.10	0.25	0.8

Flexiseal® is a Registered Trade Mark of Polar Seals

Flange Flexiseal®

External Sealing



For lead in chamfer dimensions see page 131

Part Number Explained

FS60-50.4-3.1EF-C

- Flexiseal
- Sizes
- Type, EF = External Face Seal
- Material (see page vii)

Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-150 to +225°C

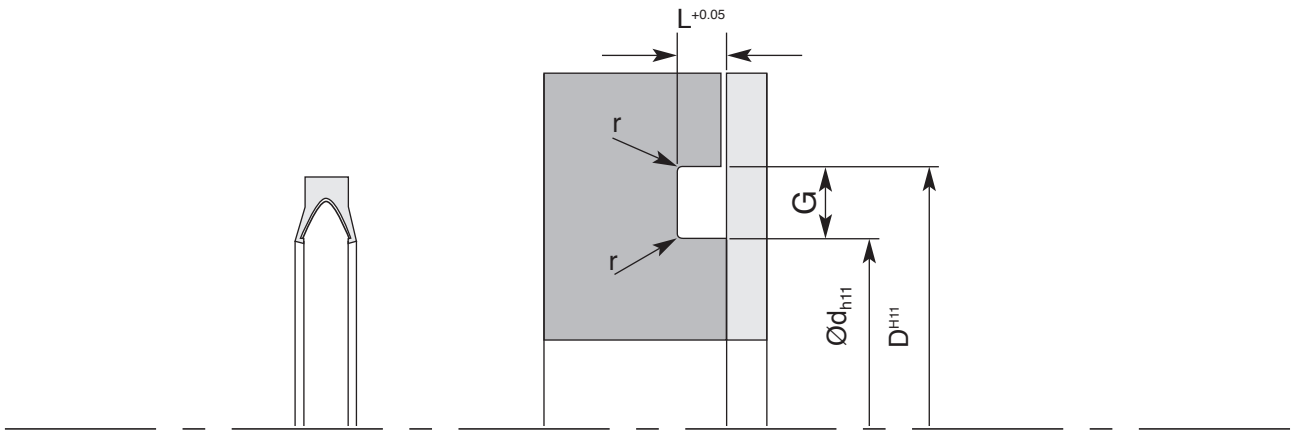
The above values are maximum values and cannot be applied at the same time.

Cross Section	O-ring Cross section	Recommended Inside Groove Ø		Groove Depth	Groove Width	Radius Max
	(mm)	d (mm) ≥	<	G (mm)	L (mm)	r (mm)
A	2.62	40	45	3.6	2.25	0.4
B	3.53	45	80	4.8	3.10	0.6
C	5.33	80	110	7.1	4.70	0.8
D	6.99	110		9.5	6.10	0.8

Flexiseal® is a Registered Trade Mark of Polar Seals

Flange Flexiseal®

Internal Sealing



For lead in chamfer dimensions see page 131

Part Number Explained

FS50-59.6-3.1IF-C

- Flexiseal
- Sizes
- Type, IF = Internal Face Seal
- Material (see page vii)

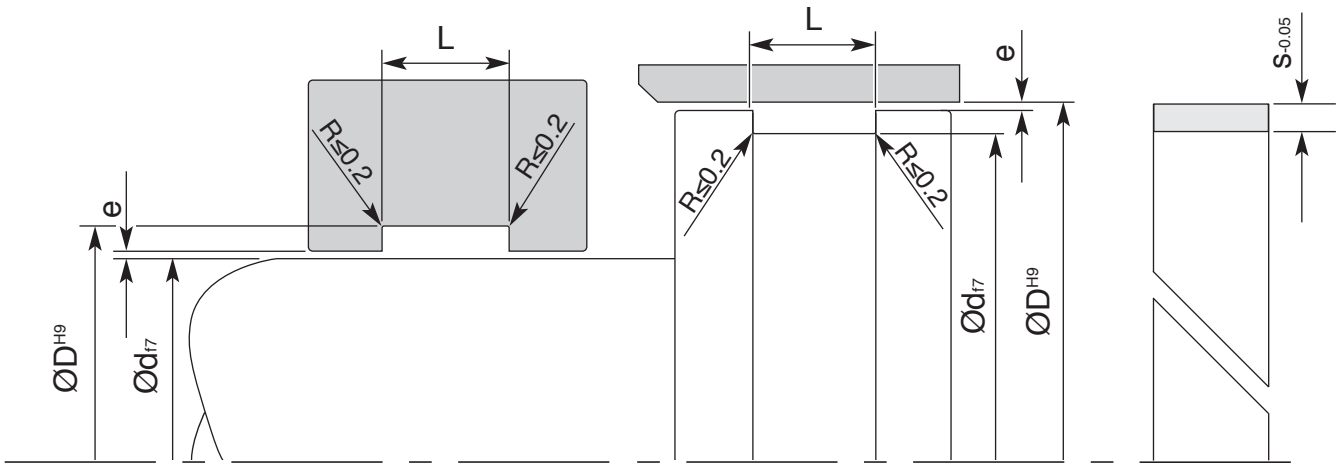
Operating Conditions	
Working Pressure	≤350bar
Working Temperature	-150 to +225°C

The above values are maximum values and cannot be applied at the same time.

Cross Section	O-ring Cross section	Recommended Outside Groove Ø		Groove Depth	Groove Width	Radius Max
	(mm)	D (mm) ≥	<	G (mm)	L (mm)	r (mm)
A	2.62	32	45	3.6	2.25	0.4
B	3.53	45	80	4.8	3.10	0.6
C	5.33	80	110	7.1	4.70	0.8
D	6.99	110		9.5	6.10	0.8

Flexiseal® is a Registered Trade Mark of Polar Seals

Bearing Tape



Operating Conditions	
Max Speed	Temp Range
5 m/s	-100° to 200°C

PTFE Bearing Tape is available in a wide range of sizes from 2.2mm wide to 50mm wide and more if required. Radial cross sections are available from 1mm to 5mm as standard, larger cross sections are available on request.

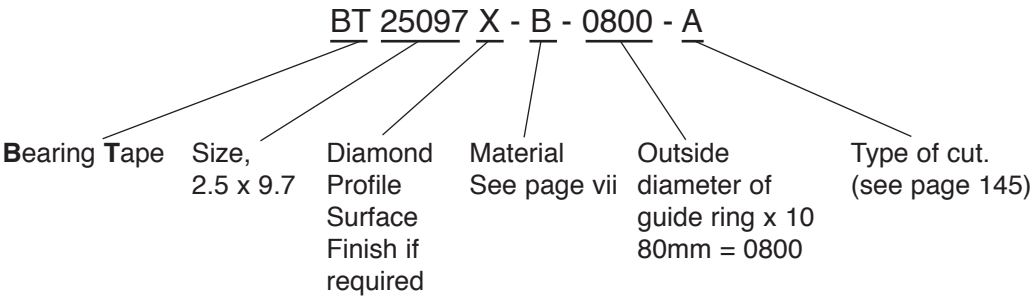
Suitable for both hydraulic and pneumatic applications (depending on the material specification) PTFE guide tape has the advantage of being able to operate at high speeds with no stick slip, low wear and high load capacity.

For part number and ordering information see page 140.

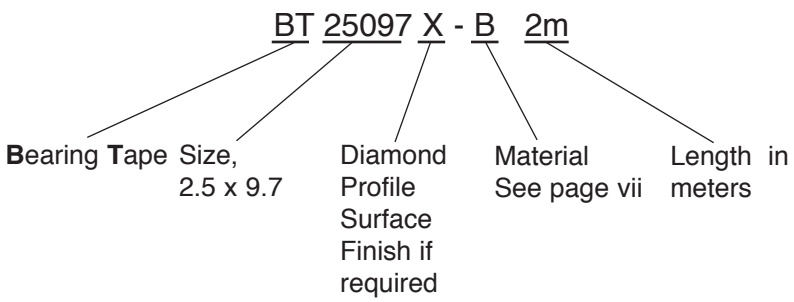
Bearing Tape

Part Number Example

To order a length to suit a rod or bore size:



To order a meter or more:



How to calculate a cut length

1. For Piston bearings the formula is:

$$\text{Length} = \pi \times (\text{ØD-s})\text{-Gap}$$

Where ØD is the Cylinder diameter
s is the radial cross section of the bearing tape

For Gap and tolerances see table at bottom of page.

Example, to cut tape that measures 2.5mm radial c/s by 9.7mm wide for a cylinder of 120mm using the above formula is:

$$\text{Length} = \pi \times (\text{ØD-L})\text{-Gap}$$
$$\text{Length} = 3.142 \times (120\text{mm}-2.5\text{mm})-5.6\text{mm}$$
$$\text{Length} = 3.142 \times 117.5\text{mm}-5.6\text{mm}$$
$$\text{Length} = 369\text{mm}-5.6\text{mm}$$
$$\text{Length} = 363.4\text{mm} \pm 0.80$$

Guide Tape

How to calculate a cut length

2. For Rod bearings the formula is:

$$\text{Length} = \pi \times (Ød+s)\text{-Gap}$$

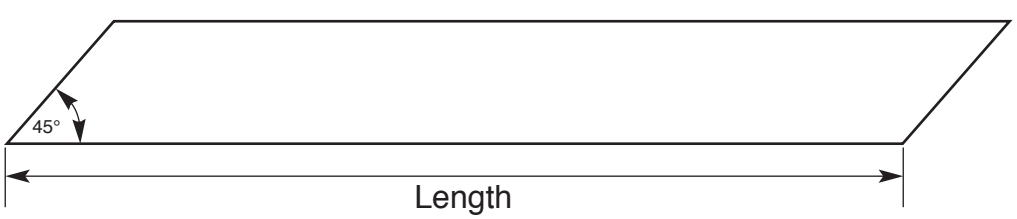
Where Ød is the Rod diameter
s is the radial cross section of the bearing tape

For Gap and tolerances see table at bottom of page.

Example, to cut tape that measures 4mm radial c/s by 20mm wide for a Rod of 100mm using the above formula is:

Length = π x (Ød+s)-Gap
Length = 3.142 x (100mm+4mm)-5.6mm
Length = 3.142 x 104mm-5.6mm
Length = 327mm-5.6mmLength = 321.4mm ±0.80

Cylinder & Rod Ø	Tolerance on cut length	Gap
≤ 45	± 0.25	1.80
> 45	± 0.40	3.50
> 80	± 0.60	4.40
> 100	± 0.80	5.60
> 125	± 1.00	6.60
> 150	± 1.20	8.00
> 180	± 1.40	9.50
> 215	± 1.60	12.00
> 270	± 1.80	15.50
> 330	± 2.00	19.00



Bearing Tape

Part No.	Tape c/s s (mm)	L (mm)	Ød (mm)	ØD (mm)	max. e (mm)
BT10032	1.00	3.20	D-2.00	D+2.00	0.15
BT10042	1.00	4.20	D-2.00	D+2.00	0.15
BT10056	1.00	5.60	D-2.00	D+2.00	0.15
BT10063	1.00	6.30	D-2.00	D+2.00	0.15
BT10081	1.00	8.10	D-2.00	D+2.00	0.15
BT10097	1.00	9.70	D-2.00	D+2.00	0.15
BT10100	1.00	1.00	D-2.00	D+2.00	0.15
BT10120	1.00	12.00	D-2.00	D+2.00	0.15
BT10150	1.00	15.00	D-2.00	D+2.00	0.15
BT10200	1.00	20.00	D-2.00	D+2.00	0.15
BT15025	1.50	2.50	D-3.00	D+3.00	0.25
BT15032	1.50	3.20	D-3.00	D+3.00	0.25
BT15042	1.50	4.20	D-3.00	D+3.00	0.25
BT15053	1.50	5.30	D-3.00	D+3.00	0.25
BT15056	1.50	5.60	D-3.00	D+3.00	0.25
BT15063	1.50	6.30	D-3.00	D+3.00	0.25
BT15063X	1.50	6.30	D-3.00	D+3.00	0.25
BT15081	1.50	8.10	D-3.00	D+3.00	0.25
BT15097	1.50	9.70	D-3.00	D+3.00	0.25
BT15100	1.50	10.00	D-3.00	D+3.00	0.25
BT15120	1.50	12.00	D-3.00	D+3.00	0.25
BT15130	1.50	13.00	D-3.00	D+3.00	0.25
BT15150	1.50	15.00	D-3.00	D+3.00	0.25
BT15190	1.50	19.00	D-3.00	D+3.00	0.25
BT15200	1.50	20.00	D-3.00	D+3.00	0.25
BT15250	1.50	25.00	D-3.00	D+3.00	0.25
BT15300	1.50	30.00	D-3.00	D+3.00	0.25
BT15400	1.50	20.00	D-3.00	D+3.00	0.25
BT16063	1.55	6.30	D-3.10	D+3.10	0.25
BT16127	1.55	12.70	D-3.10	D+3.10	0.25
BT16190	1.55	19.00	D-3.10	D+3.10	0.25
BT20042	2.00	4.20	D-4.00	D+4.00	0.32
BT20053	2.00	5.30	D-4.00	D+4.00	0.32
BT20056	2.00	5.60	D-4.00	D+4.00	0.32
BT20063	2.00	6.30	D-4.00	D+4.00	0.32

Bearing Tape

Part No.	Tape c/s s (mm)	L (mm)	Ød (mm)	ØD (mm)	max. e (mm)
BT20082	2.00	8.20	D-4.00	D+4.00	0.32
BT20097	2.00	9.70	D-4.00	D+4.00	0.32
BT20100	2.00	10.00	D-4.00	D+4.00	0.32
BT20100X	2.00	10.00	D-4.00	D+4.00	0.32
BT20120	2.00	12.00	D-4.00	D+4.00	0.32
BT20130	2.00	13.00	D-4.00	D+4.00	0.32
BT20150	2.00	15.00	D-4.00	D+4.00	0.32
BT20200	2.00	20.00	D-4.00	D+4.00	0.32
BT20250	2.00	25.00	D-4.00	D+4.00	0.32
BT20250X	2.00	25.00	D-4.00	D+4.00	0.32
BT20300	2.00	30.00	D-4.00	D+4.00	0.32
BT20350	2.00	35.00	D-4.00	D+4.00	0.32
BT20400	2.00	40.00	D-4.00	D+4.00	0.32
BT20500	2.00	50.00	D-4.00	D+4.00	0.32
BT22061	2.20	6.10	D-4.40	D+4.40	0.35
BT24190	2.40	19.00	D-4.80	D+4.80	0.38
BT24254	2.40	25.40	D-4.80	D+4.80	0.38
BT24318	2.40	31.80	D-4.80	D+4.80	0.38
BT25025	2.50	2.50	D-5.00	D+5.00	0.40
BT25042	2.50	4.20	D-5.00	D+5.00	0.40
BT25056	2.50	5.60	D-5.00	D+5.00	0.40
BT25063	2.50	6.30	D-5.00	D+5.00	0.40
BT25081	2.50	8.10	D-5.00	D+5.00	0.40
BT25097	2.50	9.70	D-5.00	D+5.00	0.40
BT25097X	2.50	9.70	D-5.00	D+5.00	0.40
BT25100	2.50	10.00	D-5.00	D+5.00	0.40
BT25120	2.50	12.00	D-5.00	D+5.00	0.40
BT25130	2.50	13.00	D-5.00	D+5.00	0.40
BT25150	2.50	15.00	D-5.00	D+5.00	0.40
BT25195	2.50	19.50	D-5.00	D+5.00	0.40
BT25200	2.50	20.00	D-5.00	D+5.00	0.40
BT25250	2.50	25.00	D-5.00	D+5.00	0.40
BT25300	2.50	30.00	D-5.00	D+5.00	0.40
BT25350	2.50	35.00	D-5.00	D+5.00	0.40
BT25400	2.50	40.00	D-5.00	D+5.00	0.40

HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI

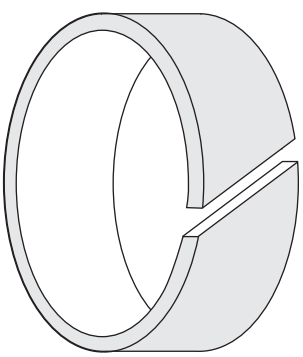
Bearing Tape

Part No.	Tape c/s s (mm)	L (mm)	Ød (mm)	ØD (mm)	max. e (mm)
BT30050	3.00	5.00	D-6.00	D+6.00	0.50
BT30063	3.00	6.30	D-6.00	D+6.00	0.50
BT30080	3.00	8.00	D-6.00	D+6.00	0.50
BT30097	3.00	9.70	D-6.00	D+6.00	0.50
BT30100	3.00	10.00	D-6.00	D+6.00	0.50
BT30120	3.00	12.00	D-6.00	D+6.00	0.50
BT30130	3.00	13.00	D-6.00	D+6.00	0.50
BT30152	3.00	15.20	D-6.00	D+6.00	0.50
BT30190	3.00	19.00	D-6.00	D+6.00	0.50
BT30195	3.00	19.50	D-6.00	D+6.00	0.50
BT30200	3.00	20.00	D-6.00	D+6.00	0.50
BT30250	3.00	25.00	D-6.00	D+6.00	0.50
BT30300	3.00	30.00	D-6.00	D+6.00	0.50
BT30320	3.00	32.00	D-6.00	D+6.00	0.50
BT30400	3.00	40.00	D-6.00	D+6.00	0.50
BT30500	3.00	50.00	D-6.00	D+6.00	0.50
BT31031	3.18	3.18	D-6.35	D+6.35	0.50
BT31095	3.18	9.53	D-6.35	D+6.35	0.50
BT31127	3.18	12.70	D-6.35	D+6.35	0.50
BT31159	3.18	15.88	D-6.35	D+6.35	0.50
BT31190	3.18	19.05	D-6.35	D+6.35	0.50
BT31254	3.18	25.40	D-6.35	D+6.35	0.50
BT31381	3.18	38.10	D-6.35	D+6.35	0.50
BT35100	3.50	10.00	D-7.00	D+7.00	0.56
BT35120	3.50	12.00	D-7.00	D+7.00	0.56
BT35140	3.50	14.00	D-7.00	D+7.00	0.56
BT35150	3.50	15.00	D-7.00	D+7.00	0.56
BT35200	3.50	20.00	D-7.00	D+7.00	0.56
BT35250	3.50	25.00	D-7.00	D+7.00	0.56
BT35300	3.50	30.00	D-7.00	D+7.00	0.56
BT35400	3.50	40.00	D-7.00	D+7.00	0.56
BT40059	4.00	5.90	D-8.00	D+8.00	0.64
BT40079	4.00	7.90	D-8.00	D+8.00	0.64
BT40080	4.00	8.00	D-8.00	D+8.00	0.64
BT40097	4.00	9.70	D-8.00	D+8.00	0.64

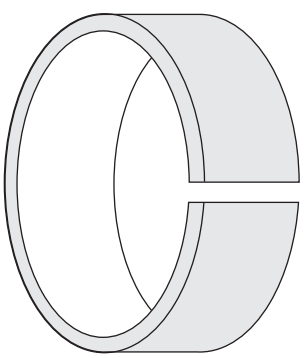
Bearing Tape

Part No.	Tape c/s s (mm)	L (mm)	Ød (mm)	ØD (mm)	max. e (mm)
BT40097-NOTCH	4.00	9.70	D-8.00	D+8.00	0.64
BT40100	4.00	10.00	D-8.00	D+8.00	0.64
BT40110	4.00	11.00	D-8.00	D+8.00	0.64
BT40120	4.00	12.00	D-8.00	D+8.00	0.64
BT40150	4.00	15.00	D-8.00	D+8.00	0.64
BT40200	4.00	20.00	D-8.00	D+8.00	0.64
BT40250	4.00	25.00	D-8.00	D+8.00	0.64
BT40300	4.00	30.00	D-8.00	D+8.00	0.64
BT50200	5.00	20.00	D-10.00	D+10.00	0.80

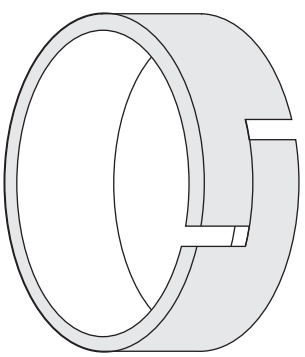
Types of Cut



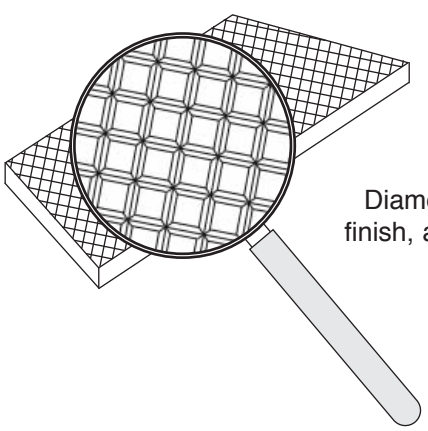
Type A (**A**ngle cut) is used where it is important for the system pressure to carry on to the seals.



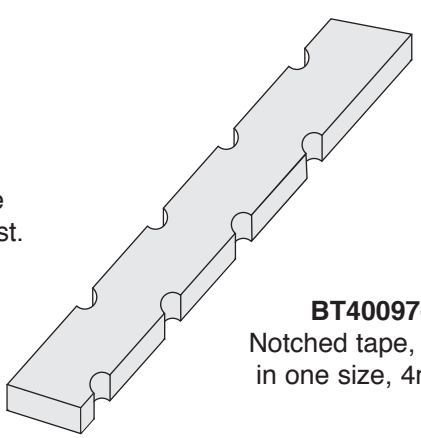
Type S (**S**traight cut) is used where it is important for the system pressure to carry on to the seals.



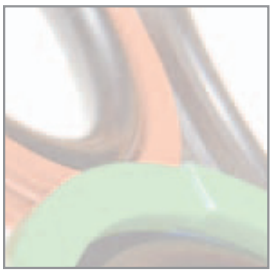
Type Z (**Z** cut) is a closed bearing that may also act as a seal.

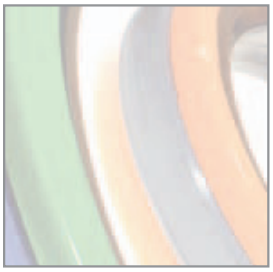


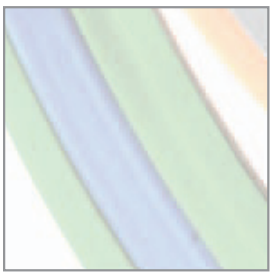
BT***X**
Diamond Profile surface finish, available on request.



BT40097-NOTCH
Notched tape, only available in one size, 4mm x 9.7mm.







HYDROSCAND
ŠĻŪTENES UN TO SAVIENOŠANAS ELEMENTI