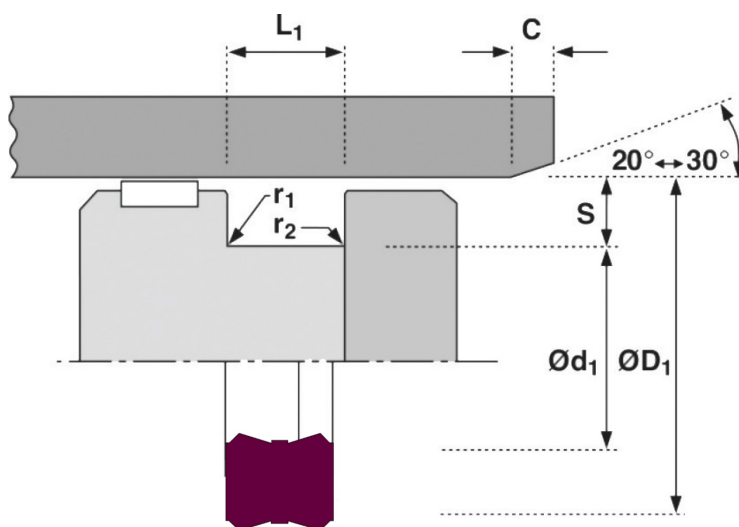


PRCR



Technical Details

Metric

Inch

DESIGN

Operating conditions		
Maximum speed	5.0 m/sec	15 ft/sec
Temperature range	-30°C + 100°C	-22°F + 194°F
Maximum pressure	400 Bar	6000 p.s.i

PRCR is a doppel ring seal that has a robust seal design that is suitable for solid pistons. PRCR has a crown seal which prevents leakage and thus provides a much more positive seal design.

FEATURES

- Flexible for easy installation
- Long life
- Excellent wear resistance
- Comes in a wide range of sizes and materials

Maximum extrusion gap

Pressure bar	750	1500	2250	3000	4500	6000
Gap mm	0.50	0.40	0.30	0.15	0.10	0.05
Gap in	0.020	0.016	0.012	0.006	0.004	0.002
Pressure p.s.i	750	1500	2250	3000	4500	6000

MATERIAL

Seal design comes in a variety of materials and sizes. For more information, please refer to MSDS datasheet.

Surface roughness

	µmRa
Dynamic sealing surface	0.1 - 0.4 µmRa
Static sealing face	0.8 - 1.6 µmRa
Static Housing face	1.4 - 0. 3.2 µmRa

APPLICATIONS

Light to medium duty applications

Chamfers & Radii

Seal diameter mm	4.00	5.00	7.50	10.00	12.50
Rad mm	0.20	0.40	0.80	0.80	1.20
Chamfer mm	3.20	4.00	6.00	8.00	10.0
Seal diameter in	0.125	0.187	0.250	0.312	0.375
Rad in	0.008	0.016	0.032	0.032	0.048
Chamfer in	0.100	0.150	0.200	0.250	0.300

