

## SYMMETRICAL SEALS | Piston & Rod Seals

Profile	Type	Description	Standard Material	Pressure (Bar)	Temp. (°C)	Surface Speed (m/sec)
	PRS06	Symmetrical single acting seal for rod or piston applications. Excellent static & dynamic sealing performance. Good low pressure sealing.	PU NBR	400 160	-30 to 105 -25 to 100	0.5
	PRS06A	Same as profile PRS06 but with a wider groove. This wider groove gives the seal softer lips compared with the PRS06.	PU NBR	160 160	-30 to 105 -25 to 100	0.5
	PRS06B	Symmetrical single acting seal for rod or piston applications. Excellent static & dynamic sealing performance. Old design used in old machinery.	PU NBR	400 160	-30 to 105 -25 to 100	0.5
	PRS06C	Symmetrical single acting seal for rod or piston applications. Especially used for small cross sections where the lips would be too thin. Used for short pulsating strokes.	PU NBR	400 160	-30 to 105 -25 to 100	0.5
	PRS06D	Same as profile PRS06 but with a wider groove. The wider groove gives the seal softer lips compared with the PRS06.	PU NBR	160 160	-30 to 105 -25 to 100	0.5
	PRS06E	Symmetrical single acting seals for rod or piston applications. Added leg in the groove aids seal stabilisation.	PU NBR	400 160	-30 to 105 -25 to 100	0.5
	PRS07	O-Ring activated symmetrical rod/piston seal. Single acting. Low friction. Excellent low pressure sealing. Good resistance to pressure shocks.	PU/NBR	400	-25 to 100	0.5
	PRS10SP	Support ring for PRS10-12	PU FPM POM	-	-30 to 105 -20 to 210 -60 to 100	-
	PRS10-12	Symmetrical single acting seal for rod or piston applications. Seal comprises Top header, bottom spreader & intermediate Vee rings. High wear resistance.	PU/POM NBR/POM	500 250	-30 to 100 -25 to 100	0.5
	PRS13-15	Reduced friction when compared to the PRS10-12 especially at high pressures.	PU/POM NBR/POM	500 250	-30 to 100 -25 to 100	0.5
	PRS18	Symmetrical single acting seal for rod or piston applications. Preload via O-Ring in the groove. Sharp lips for use in high viscosity fluids. Excellent static & dynamic sealing performance.	PU/NBR	400	-25 to 100	0.5
	PRS19	Symmetrical single acting rod/piston seal with low interference on the static lip. Preloaded via V-Spring. Excellent static and dynamic sealing. Low friction in dry running or low lubrication applications.	PTFE/ V-Spring	160	-200 to 260	15
	PRS19B	Symmetrical single acting piston/rod seal. Preload via a helicoil spring which ensures high pressure on the sealing edges. Low friction in dry running or poor lubrication applications.	PTFE-virgin/ Helicoil Spring PTFE-filled/ Helicoil Spring	200 400	-60 to 200	5
	PRS19C	Symmetrical single acting piston/rod seal. Preload via a helicoil spring which ensures high pressure on the sealing edges. Low friction in dry running or poor lubrication applications.	PTFE-virgin/ Helicoil Spring PTFE-filled/ Helicoil Spring	200 400	-60 to 200	5
	PRS19D	Symmetrical single acting piston/rod seal. Preload via a helicoil spring which ensures high pressure on the sealing edges. Low friction in dry running or poor lubrication applications.	PTFE-virgin/ Helicoil Spring PTFE-filled/ Helicoil Spring	200 400	-60 to 200	1
	PRS22	Symmetrical single acting seal for use in rod or piston applications. Stabilisation of the seal is achieved by addition of a support ring in the groove.	PU/POM NBR/POM FPM/PTFE	400 160 160	-30 to 100 -25 to 100 -20 to 210	0.5
	PRS99	Intermediate Vee ring for use in profile. PRS10-12. High wear resistance.	PU NBR FPM	400 160 160	-30 to 105 -25 to 100 -20 to 210	0.5