

ROD SEALS

Profile	Designation	Application	Application Limits for Standard Version		
			pressure [bar]	Temperature Range [°C]	speed [m/s]
TDI 	Tandem Seal inside sealing	rod seal for hydraulic cylinders requiring high static and dynamic sealing efficiency with low friction	450 [630*]	-35...+100	1
EVD 	Externally Adjustable Sealing System	rod seal for hydraulic cylinders requiring high static and dynamic sealing efficiency with low friction	300	0...+80	1
TDT 	Tandem Seal for Telescopic Cylinder	for telescopic cylinders, cylinders with low installation grooves	360	-35 ... +100	1
NDT 	Lip Seal for Telescopic Cylinder	for telescopic cylinders with low installation grooves, excellent stick-slip properties	250	-35 ... +100	1
TDMI 	Tandem Seal for Multi-Fluid Application, inside sealing	for multi-fluid applications	250	-35 ... +100	1
GGDI 	Captive Slide and O-Ring Seal, inside sealing	Improved version of slide and O-ring seal with excellent sealing efficiency. Easy to fit with no gap extrusion and no slide ring tilt during operation; can be combined with bearings type FI	450 [630*]	-35 ... +100	1
GGDI-SP 	Captive Slide and O-Ring Seal, Step Profile, inside sealing	Improved version of slide and O-ring seal with better sealing efficiency. Easy to fit with no gap extrusion and no slide ring tilt during operation; can be combined with bearings type FI, use as primary seal	450 [630*]	-35 ... +100	1
ZSDI 	Seal for Cylinders with Radial Drillings, inside sealing	for high-pressure cylinder and cylinders with radial drillings	450 [2000*]	-35 ... +100	1
GODI 	Slide and O-Ring Seal, inside sealing	Standard low friction seal	360	-35 ... +100	1
GDSI 	Slide and O-Ring Seal, heavy-duty series, inside sealing	Low friction seal "heavy-duty series"	360	-35 ... +100	1
GODI-SP 	Slide and O-Ring Seal, Step Profile, inside sealing	Low friction seal single-acting	360	-35 ... +100	1

Values marked with * are maximum pressure values for a modified sealing element or modified installation groove. The above values are maximum values which should not occur simultaneously.

