

PISTON SEALS

Profile	Designation	Application	Application Limits for Standard Version		
			pressure [bar]	Temperature Range [°C]	speed [m/s]
 GD1000K	Slide Ring Seal for Pistons	improved version of GKD with high fluid resistance and wide temperature range	450 [630*]	-45 ... +120	1
 GKD	Compact Slide Ring Seal	complete system with integrated bearing rings. Low friction, high sealing efficiency and simple installation. In new constructions we recommend the use of GD1000K.	450 [630*]	-35 ... +100	1
 GD2000P	Slide Ring Seal for Plunger	single-acting seal for plunger cylinders with low friction properties	450 [630*]	-30 ... +80	1
 TDA	Tandem Seal, outside sealing	single-acting standard piston seal with excellent sealing function	450 [630*]	-35 ... +100	1
 TDMA	Tandem Seal for Multi-Fluid Application, outside sealing	for multi-fluid applications, e.g. accumulators	250	-35 ... +100	1
 GGDA	Captive Slide and O-Ring Seal, outside sealing	improved version of slide and O-ring seal, no gap extrusion, simple installation, no tilting of the slide ring during operation.	450 [630*]	-35 ... +100	1
 ZSDA	Seal for Cylinders with Radial Drillings, outside sealing	for high-pressure cylinders and cylinders with radial drillings	450 [2000*]	-35 ... +100	1
 GODA	Slide and O-Ring Seal, outside sealing	Standard low friction seal	360	-35 ... +100	1
 GDSA	Slide and O-Ring Seal, heavy-duty series, outside sealing	Low friction seal "heavy-duty series"	360	-35 ... +100	1
 GODA-SP	Slide and O-Ring Seal, Step Profile, outside 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.