


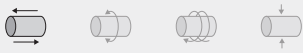



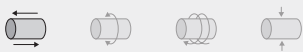



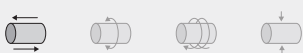



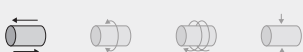



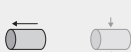



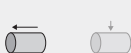









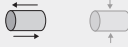



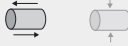



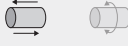

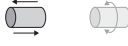

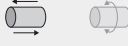

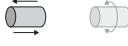

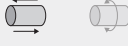



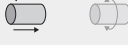

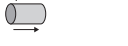

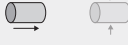



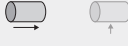















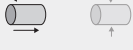



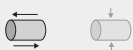



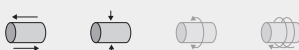


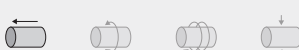

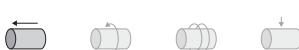

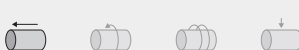



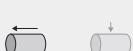



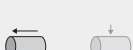
Piston Seals

Product with typical application	Movement application	Pressure maximum	Sliding speed maximum
 Piston Seal, TK01P Hydraulics, single acting		400 bar	0,7 m/s
 Piston Seal, TK01PE Hydraulics, single acting		400 bar	0,7 m/s
 Piston Seal, TK01R Hydraulics, single acting		160 bar	0,5 m/s
 Piston Seal, TK01RE Hydraulics, single acting		160 bar	0,5 m/s
 Piston Seal, TK02P Hydraulics, single acting		700 bar	0,7 m/s
 Piston Seal, TK02PD Hydraulics, single acting		700 bar	0,7 m/s
 Piston Seal, TK02R Hydraulics, single acting		250 bar	0,5 m/s
 Piston Seal, TK02RD Hydraulics, single acting		250 bar	0,5 m/s
 Piston Seal, TK03F Food, pharmaceutical and Chemical industry, single acting		400 bar	1 m/s
 Piston Seal, TK03FS Food, pharmaceutical and Chemical industry, single acting		400 bar	1 m/s
 Piston Seal, TK03P Hydraulics, single acting		400 bar	0,7 m/s
 Piston Seal, TK04P Hydraulics, single acting		700 bar	0,7 m/s
 Piston Seal, TK04PD Hydraulics, single acting		700 bar	0,7 m/s
 Piston Seal, TK05P Pneumatics, single acting		25 bar	2 m/s
 Piston Seal, TK05R Pneumatics, single acting		25 bar	1 m/s




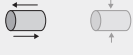







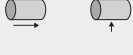


Product with typical application	Movement application	Pressure maximum	Sliding speed maximum
 Piston Seal, TK06P Hydraulics, single acting		400 bar	0,7 m/s
 Piston Seal, TK06R Hydraulics, single acting		160 bar	0,5 m/s
 Piston Seal, TK07F Food, pharmaceutical and Chemical industry, single acting		400 bar	1 m/s
 Piston Seal, TK07P Hydraulics, single acting		400 bar	0,7 m/s
 Piston Seal, TK08D/F Hydraulics, double acting		600 bar	10 m/s
 Piston Seal, TK08D/X Hydraulics, double acting		600 bar	5 m/s
 Piston Seal, TK08DS/F Hydraulics, double acting		600 bar	10 m/s
 Piston Seal, TK08DS/X Hydraulics, double acting		600 bar	5 m/s
 Piston Seal, TK08E/F Hydraulics, single acting		600 bar	10 m/s
 Piston Seal, TK08E/X Hydraulics, single acting		600 bar	5 m/s
 Piston Seal, TK08ES/F Hydraulics, single acting		600 bar	10 m/s
 Piston Seal, TK08ES/X Hydraulics, single acting		600 bar	5 m/s
 Piston Seal, TK08P Hydraulics, double acting		250 bar	1,4 m/s
 Piston Seal, TK09D Hydraulics, double acting		400 bar	0,7 m/s
 Piston Seal, TK09F Hydraulics, double acting		400 bar	1,5 m/s
 Piston Seal, TK09H Hydraulics, double acting		1500 bar	0,3 m/s
 Piston Seal, TK09N Hydraulics, double acting		400 bar	0,7 m/s
 Piston Seal, TK10M Hydraulics, single acting		500 bar	0,7 m/s



Product with typical application	Movement application	Pressure maximum	Sliding speed maximum
 Piston Seal, TK10T Hydraulics, single acting		500 bar	0,7 m/s
 Piston Seal, TK13T Hydraulics, single acting		600 bar	0,7 m/s
 Piston Seal, TK15P Hydraulics, double acting		400 bar	–
 Piston Seal, TK16A Hydraulics / Pneumatics, single acting		160 bar	5 m/s
 Piston Seal, TK16B Hydraulics / Pneumatics, single acting		160 bar	5 m/s
 Piston Seal, TK17H Hydraulics, double acting		250 bar	0,7 m/s
 Piston Seal, TK17P Hydraulics, double acting		250 bar	0,7 m/s
 Piston Seal, TK17R Hydraulics, double acting		250 bar	0,5 m/s
 Piston Seal, TK19F Food, pharmaceutical and Chemical industry, single acting		400 bar	15 m/s
 Piston Seal, TK20E Hydraulics, single acting		700 bar	0,5 m/s
 Piston Seal, TK20R Hydraulics, double acting		700 bar	0,5 m/s
 Piston Seal, TK21P Hydraulics, single acting		400 bar	0,7 m/s
 Piston Seal, TK22P Hydraulics, single acting		400 bar	0,7 m/s
 Piston Seal, TK22R Hydraulics, single acting		160 bar	0,5 m/s
 Piston Seal, TK23D Hydraulics, double acting		400 bar	0,7 m/s
 Piston Seal, TK23F Hydraulics, double acting		400 bar	1,5 m/s
 Piston Seal, TK23H Hydraulics, double acting		1500 bar	0,4 m/s
 Piston Seal, TK23N Hydraulics, double acting		400 bar	0,7 m/s



Product with typical application	Movement application	Pressure maximum	Sliding speed maximum
 Piston Seal, TK24P Hydraulics, single acting		500 bar	0,7 m/s
 Piston Seal, TK32P Hydraulics, single acting		500 bar	0,7 m/s
 Piston Seal, TK35P Hydraulics, double acting		400 bar	0,5 m/s
 Piston Seal, TK37P Hydraulics, double acting		50 bar	-
 Piston Seal, TK37R Hydraulics, double acting		50 bar	-
 Piston Seal, TK50 Hydraulics, double acting		360 bar	1 m/s

Please note that the above data on operating pressure and sliding speed are maximum values. In special cases please contact our application engineers who will adapt the product and design to your application. In principle, product tests are recommended for special applications in the limit range and no liability can be accepted.