






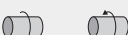



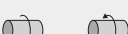











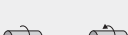



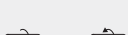





Rotary Seals

Product with typical application	Movement application	Pressure maximum	Sliding speed maximum
 Rotary Seal, TR01AF Hydraulics / pneumatics, in rolling mills, shipbuilding and heavy hydraulics, single acting		0,5 bar	10 m/s
 Rotary Seal, TR01F Hydraulics / Pneumatics, general application, single acting		15 bar	10 m/s
 Rotary Seal, TR01G Hydraulics / pneumatics, in rolling mills, shipbuilding and heavy hydraulics, single acting		–	10 m/s
 Rotary Seal, TR01P Hydraulics / Pneumatics, general application, single acting		0,5 bar	5 m/s
 Rotary Seal, TR01R Hydraulics / Pneumatics, general application, single acting		0,5 bar	10 m/s
 Rotary Seal, TR02P Hydraulics / Pneumatics, general application, single acting		0,5 bar	5 m/s
 Rotary Seal, TR02R Hydraulics / Pneumatics, general application, single acting		0,5 bar	10 m/s
 Rotary Seal, TR03P Hydraulics / Pneumatics, Mobile Hydraulics and in rotary distributors, double acting		0,3 bar	400 m/s
 Rotary Seal, TR03R Hydraulics / Pneumatics, Mobile Hydraulics and in rotary distributors, double acting		250 bar	0,2 m/s
 Rotary Seal, TR04 Hydraulics, general application, double acting		160 bar	0,3 m/s
 Rotary Seal, TR05 Hydraulics, general application, double acting		160 bar	0,3 m/s
 Rotary Seal, TR06P General application, acting axially		–	25 m/s
 Rotary Seal, TR06R General application, acting axially		–	25 m/s
 Rotary Seal, TR07P General application, acting axially		–	25 m/s
 Rotary Seal, TR07R General application, acting axially		–	25 m/s

Product with typical application	Movement application	Pressure maximum	Sliding speed maximum
 Rotary Seal, TR08 General application, single acting		–	25 m/s
 Rotary Seal, TR09F Hydraulics / Pneumatics, general application, double acting		350 bar	0,4 m/s
 Rotary Seal, TR09FS Hydraulics, general application, double acting		350 bar	0,4 m/s
 Rotary Seal, TR10F Hydraulics / Pneumatics, general application, double acting		350 bar	0,4 m/s
 Rotary Seal, TR10FS Hydraulics, general application, double acting		350 bar	0,4 m/s
 Rotary Seal, TR11F General application, single acting		5 bar	20 m/s
 Rotary Seal, TR11FD General application, single acting		5 bar	20 m/s
 Rotary Seal, TR12F Food, pharmaceutical and chemical industry, single acting		300 bar	1 m/s
 Rotary Seal, TR13 Hydraulics / Pneumatics, general application, double acting		600 bar	–
 Rotary Seal, TR14 General application		–	–
 Rotary Seal, TR15P Hydraulics, general application, double acting		400 bar	–
 Rotary Seal, TR19F Food, pharmaceutical and chemical industry, single acting		150 bar	2 m/s
 Rotary Seal, TR20P Hydraulics / Pneumatics, general application, acting axially		800 bar	–
 Rotary Seal, TR30 Oil and offshore industry, single acting		1000 bar	0,5 m/s
 Rotary Seal, TR35 Hydraulics / Pneumatics, general application, acting axially		800 bar	–
 Rotary Seal, TR37P Hydraulics / Pneumatics, general application, double acting		80 bar	–

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.