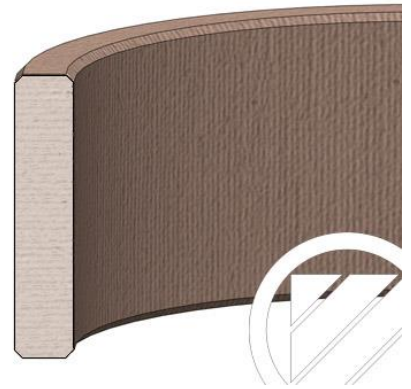


FRK 01



DESCRIPTION

Product group: Guide elements
Design: Piston guide ring
Profile no.: 01
Model: 30
Material: PTFE bronze filled

OPERATIONAL APPLICATION LIMITS

Max. surface pressure (N/mm²): ≤ 15
 Temperature (°C): -60 to +200
 Running speed (m/s): ≤ 15

MEDIA

- Hydraulic oils acc. to DIN 51524 Part 1 – 3
- Lubricating oils
- Mineral oil based lubricating greases
- Highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

FUNCTION

FRK 01 guide rings made of PTFE compounds serve to guide pistons, prevent metallic contact of the machine parts and absorb the transverse force that occurs. Guide elements made of PTFE compounds are characterised by outstanding friction behaviour which minimises the stick-slip effect.

In addition, they exhibit high thermal and chemical resistance. PTFE guide rings are suitable for medium surface pressures.

INSTALLATION

Guide rings made of PTFE compounds are supplied as stretched, pre-cut PTFE guide strips which can easily be installed in closed installation grooves. The edge chamfers also facilitate installation. With one-sided surface structured material, care must be taken to ensure that the profiled surface is always installed as the contact surface.

REMARKS

Standard PTFE guide rings are supplied as strips with a 30° diagonal cut and a PTFE-bronze compound. Should you require non-standard cutting types or materials, please include these in your order.

