



K 75 is a piston – rod guide ring designed to be used in heavy duty hydraulic and pneumatic systems.

### PRODUCT ADVANTAGES

- Low friction coefficient
- Able to work on dry conditions behind the seal
- Superior load cushioning effect
- Better dimension stability at elevated temperatures
- Easy installation
- Wide range of dimensions
- Safely usage in heavy and medium duty applications

### APPLICATION

Mobile hydraulics , mining industry , excavators , hydraulic presses , heavy duty cylinders.

SURFACE ROUGHNESS		Ra	Rmax
Sliding Surface	ØD-Ød	≤0.4µm	≤3.2 µm
Groove Base	ØDb-Ødp	≤1.6µm	≤10 µm
Groove Flanks	B	≤3.2µm	≤14 µm

### INSTALLATION

Easily assembled into the housing by hand. It is very important that the assembly tools must be of soft material and have no sharp edges. Before installation the wiper must be oiled with system oil.

### NOTES

To avoid hydrodynamic pressure k interval is given.

MATERIAL	CODE
SYNTHETIC FIBER + PTFE	PH6501

OPERATING CONDITIONS			
MEDIA	Mineral oil (DIN 51524)	HFA ve HFB	HFC
TEMPERATURE	-40°C +130°C	+5°C +60°C	-40°C +40°C
DYNAMIC CONTACT	≤120 N/mm <sup>2</sup>	≤120 N/mm <sup>2</sup>	≤120 N/mm <sup>2</sup>
PRESSURE STATIC	≤320	≤320	≤320
CONTACT PRESSURE	N/mm <sup>2</sup>	N/mm <sup>2</sup>	N/mm <sup>2</sup>
SPEED	≤0.8 m/s	≤0.8 m/s	≤0.8 m/s

Note: The above data are maximum values and cannot be used at the same time.