

K86 is a static sealing element designed to replace o-ring+back-up ring combination.

PRODUCT ADVANTAGES

- High operating pressures
- High reliability
- Interchangeable for O-ring and O-ring with back-up ring
- Easy and secure installation
- No need for additional back-up ring
- High wear resistance
- Availability to be used in a wide range of diameters
- Reliable sealing even with ovality of the tube

APPLICATION

All the hydraulic applications that O-rings are being used.

MATERIAL		CODE
PU	92 SHORE A	PU9201

OPERATING CONDITIONS						
MEDIA	Mineral oils (DIN 51524)	HFA and HFB	HFC			
TEMPERATURE	-40°C +100°C	+5°C +50°C	-20°C +50°C			
PRESSURE	≤500 Bar	≤500 Bar	≤500 Bar			

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

SURFACE ROUGHNESS		Ra	Rmax
Sliding Surface	Ød	≤0.8 μm	≤3.2 µm
Groove Base	ØD	≤1.6 µm	≤6.3 μm
Groove Flanks	В	≤6.3 µm	≤16 µm

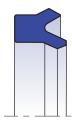
INSTALLATION

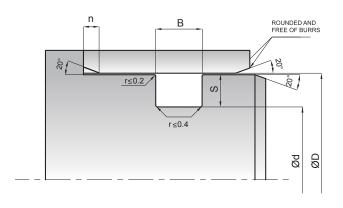
Easily assembled by hand. It is very important that the assembly tools must be of soft material and have no sharp edges. Before installation the sealing element must be oiled with system oil.

NOTES

K86 is a single acting seal static sealing. K86 can used on pulsating systems.

K86 STATIC SEAL





KASTAŞ NO	Dmin (H8)	Dmax (H8)	B (-0/+0.25)	S
K86-90	90	91	8.2	4
K86-105	105	112	8.2	4
K86-112	112	120	8.2	4
K86-127	127	135	8.2	4
K86-154	154	164	8.2	4

Note: Nominal D values are determined as Dmin. "d" should be calculated according to d=D-2S and the tolerance of d is "h9".