



K 78 is a piston - rod guide ring designed to be used in heavy duty hydraulic and pneumatic systems.

PRODUCT ADVANTAGES

- Able to work at high temperatures
- High dimension stability during the operating temperatures
- Easy assembly
- Wide range of dimensions
- Safely usage in heavy and medium duty applications

APPLICATION

Iron and steel industry, mobile hydraulics and heavy duty cylinders.

MATERIAL

CODE

PHENOLIC ARAMID

PH6504

OPERATING CONDITIONS

MEDIA	Mineral oils (DIN 51524)	HFA and HFB	HFC
TEMPERATURE	-40°C +200°C	+5°C +60°C	-20°C +50°C
STATIC CONTACT PRESSURE	≤344 N/mm ²	≤344 N/mm ²	≤344 N/mm ²
DYNAMIC CONTACT PRESSURE	≤120 N/mm ²	≤120 N/mm ²	≤120 N/mm ²
SPEED	≤5 m/sn	≤5 m/sn	≤5 m/sn

SURFACE ROUGHNESS

Ra

Rmax

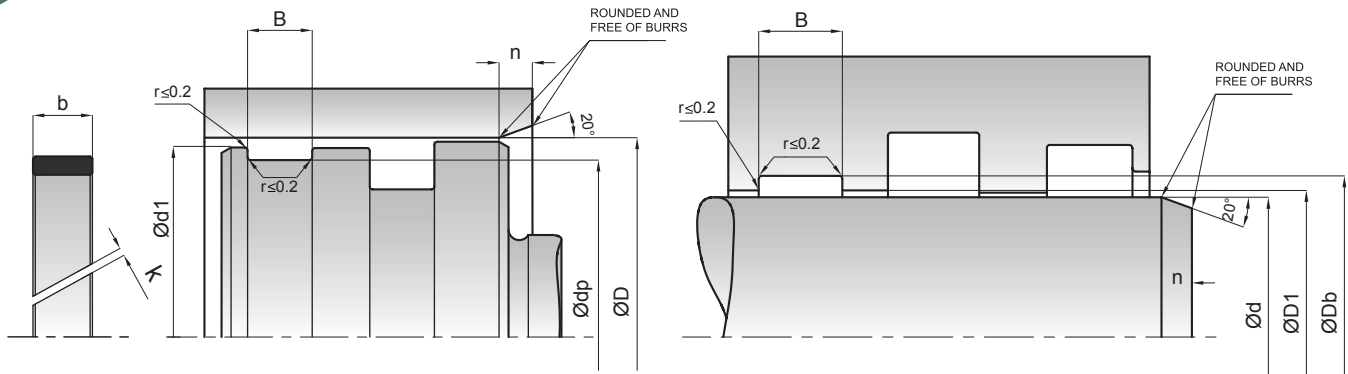
Sliding Surface	Ød	≤0.4 µm	≤3.2 µm
Groove Base	ØD	≤1.6 µm	≤10 µm
Groove Flanks	B	≤3.2 µm	≤16 µm

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. No force should be applied against the curvature of product upon assembly.



KASTAŞ NO	d(f8) dp(h8)	Db(H8) D(H9)	B(-0/+0.2)	b	d1(h9)	D1(H9)	k
K78-110	110	115	9.7	9.5	113.2	111.8	3.5
K78-110/1	110	115	15	14.8	113.2	111.8	3.5
K78-115	115	120	9.7	9.5	118.2	116.8	3.5
K78-115/1	115	120	15	14.8	118.2	116.8	3.5
K78-120	120	125	9.7	9.5	123.2	121.8	3.5
K78-120/1	120	125	15	14.8	123.2	121.8	3.5
K78-125	125	130	9.7	9.5	128.2	126.8	3.5
K78-125/1	125	130	15	14.8	128.2	126.8	3.5
K78-130	130	135	9.7	9.5	133.2	131.8	3.5
K78-130/1	130	135	15	14.8	133.2	131.8	3.5
K78-135	135	140	9.7	9.5	138.2	136.8	3.5
K78-135/1	135	140	15	14.8	138.2	136.8	3.5
K78-140	140	145	9.7	9.5	143.2	141.8	3.5
K78-140/1	140	145	15	14.8	143.2	141.8	3.5
K78-140/3	140	145	20	19.8	143.2	141.8	3.5
K78-145	145	150	9.7	9.5	148.2	146.8	3.5
K78-145/1	145	150	15	14.8	148.2	146.8	3.5
K78-150	150	155	15	14.8	153.2	151.8	3.5
K78-150/1	150	155	9.7	9.5	153.2	151.8	3.5
K78-155	155	160	9.7	9.5	158.2	156.8	3.5
K78-155/1	155	160	9.7	9.5	158.2	156.8	3.5
K78-160/1	160	165	15	19.8	163.2	161.8	3.5
K78-164	164	170	9.7	9.5	167.2	165.8	3.5
K78-165	165	170	9.7	9.5	168.2	166.8	3.5
K78-175	175	180	9.7	9.5	178.2	176.8	3.5
K78-175/1	175	180	15	14.8	178.2	176.8	3.5
K78-180	180	185	15	14.8	183.2	181.8	3.5
K78-184	184	190	15	14.8	187.2	185.8	3.5
K78-185	185	190	9.7	9.5	188.2	186.8	3.5
K78-185/1	185	190	15	14.8	188.2	186.8	3.5
K78-194	194	200	20	19.8	197.2	195.8	3.5
K78-195	195	200	9.7	9.5	198.2	196.8	3.5
K78-195/1	195	200	15	14.8	198.2	196.8	3.5
K78-209	209	215	20	19.8	213.2	210.8	3.5
K78-219	219	225	20	19.8	217.2	220.8	3.5

Please contact our customer service for the dimensions out of our stock list.