K94
Wiper



K94 wipers are specially designed scraper elements that prevent the ingress of foreign particles from the external environment into hydraulic cylinders. With an extended outer lip that covers the gland cap, they provide superior protection against harsh operating conditions such as water, mud, and other contaminants.

Advantages
- Long service life
- Good wiping effect
- Good performance in outside environment

Application
- Mining industry
- Heavy duty cylinders
- Construction machinery
- Agricultural machinery

Operating Conditions

MOTION:	Linear		
SPEED (m/s):	1 m/s (max)		
TEMPERATURE (°C):	-35/+100 °C	+5/+50 °C	-30/+40 °C
MEDIA TYPE:	Mineral Oils	HFA/HFB	HFC

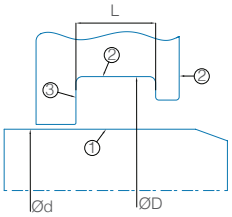
NOTE: The above values (speed, pressure, temperature) are maximum values, all cannot be used at the same time.

Material Information

Wiper	Remarks
Polyurethane-PU9401	Standard produced material code

Note: In the special application conditions (temperature, media, etc.) Can be produced from different materials. You can refer to Table 2.10 for details or you can contact our sales department.

Surface Roughness



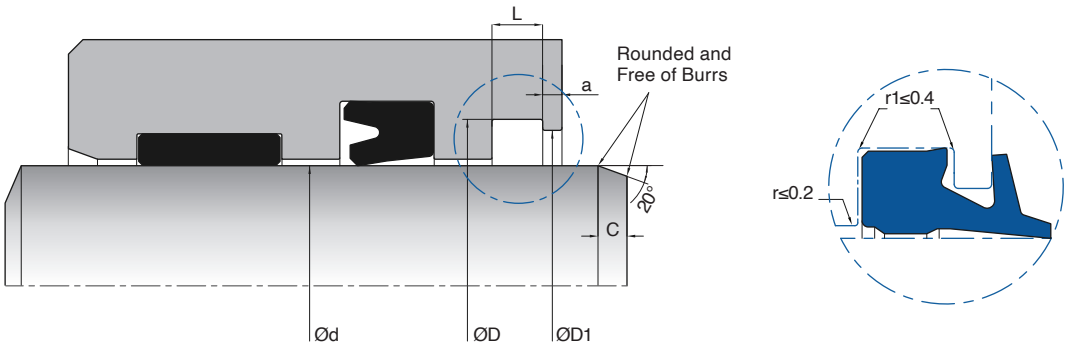
	1 (rod)	2 (groove base)	3 (groove flanks)
Ra	*** µm	0.2-1.6 µm	0.2-3.2 µm
Rmax	*** µm	< 6.3 µm	< 16 µm

Ra, Rmax values shown as *** µm should be in accordance with the used main sealing element.

Installation Information

It can be easily mounted into the closed housing.
It is very important that the assembly tools must be of soft material and have no sharp edges.
It is important to clean the housing prior to installation.

K94 Wiper



KASTAŞ NO	d (f8)	D (H11)	D1 (±0.1)	L (+0.2/-0)	a (+0.1/-0)	KASTAŞ CODE
K94-040	40	48	45.5	5	1.5	**10029545**
K94-050	50	58	55.5	5	1.5	**10029547**
K94-060	60	70	67.0	6.3	1.5	**10029548**
K94-070	70	82.6	78.4	8.0	2	**10029549**
K94-080	80	90	87.0	6.7	1.8	**10029550**
K94-080/1	80	90	87.0	6.3	1.5	**10029551**
K94-090	90	102.2	96.0	7.1	2.8	**10029552**
K94-100	100	112.2	106	7.1	2.8	**10029553**
K94-110	110	125	120	9.5	2	**10029554**
K94-120	120	135	130	9.5	2	**10029555**
K94-125	125	140	135	9.5	2	**10029556**
K94-130	130	145	140	9.5	2.25	**10029557**
K94-140	140	155	150	9.5	2	**10029558**