K107
Wiper



K107 dust seals are thermoplastic polyurethane scraper elements featuring an outer lip on the static side to prevent the ingress of foreign particles from the external environment into hydraulic cylinders. With their double wiper design, they ensure effective wiping performance on the rod. The precision-cut lip structure, manufactured using special tools, provides a superior wiping effect.

Advantages

- Good sealing effect
- No pressure build-up between wiper and rod seal
- Good wiping effect
- Good performance in outside environment
- Suitable design for telescopic cylinders

Application

- Construction machinery
- Mobile machinery
- Cranes
- Industrial cylinders
- Forklifts
- Cylinders that work in open air environment

Operating Conditions

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

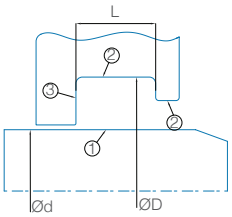
NOTE: The above values (speed, pressure, temperature) are maximum values, all cannot be used at the same time.

Material Information

Wiper	Remarks
Polyurethane-PU9201	Standard produced material code
Polyurethane-PU9411	Material code used for high temperatures

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



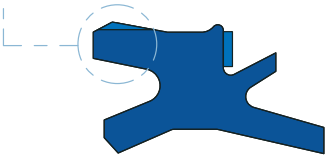
	1 (rod)	2 (groove base)	3 (groove flanks)
Ra	*** µm	0.2-1.6 µm	0.2-3.2 µm
Rmax	*** µm	< 6.3 µm	< 16 µm

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

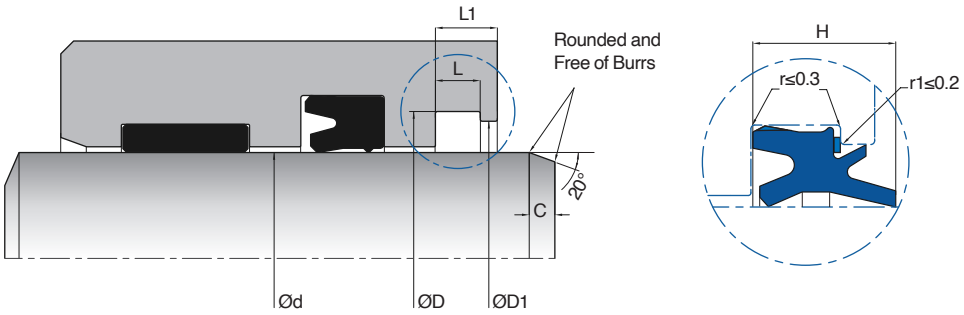
Installation Information

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.

NOTE: When used with u-ring type sealing products, it provides a safe use without the need for a relief bore.



K107 Wiper



KASTAŞ NO	d (f7)	D (H9)	D1 (H10)	L (+0.2/-0)	L1	H	KASTAŞ CODE
K107-020	20	26	24.6	4	6	7	10002046
K107-020/1	20	28	26	4	6	7	10002048
K107-025	25	33	31	4	6	7	10002050
K107-030	30	38	36	4	6	7	10002052
K107-032	32	40	38	4	6	7	10002054
K107-035	35	43	41	4	6	7	10002055
K107-040	40	48	46	4	6	7	10002058
K107-040/1	40	50	48	6.3	8.3	9	10002060
K107-045	45	53	51	4	6	7	10002061
K107-046	46	54	52	4	6	7	10002063
K107-048	48	58	55	6.3	8.3	9	10002064
K107-050	50	60	57	6.3	8.3	9	10002065
K107-055	55	65	62	6.3	8.3	9	10002067
K107-060	60	70	67	6.3	8.3	9	10002068
K107-060/1	60	68	66	4	6	7	10002069
K107-065	65	75	73	6.3	8.3	9	10002070
K107-070	70	80	77	6.3	8.3	9	10002071
K107-075	75	85	82	6.3	8.3	9	10002072
K107-080	80	90	87	6.3	8.3	9	10002073
K107-085	85	95	92	6.3	8.3	9	10002074
K107-090	90	100	97	6.3	8.3	9	10002075
K107-100	100	110	107	6.3	8.3	9	10002076