K26
Piston Seal



K26 is a double-acting piston seal that consists of a steel insert vulcanized with elastomer using special molding techniques. The sealing lips are supported by integrated springs, providing consistent preload and maintaining effective sealing performance under varying pressure conditions. Its robust structure ensures long service life, especially in demanding hydraulic applications.

Advantages
- Good sealing effect
- Simple installation
- Large dimension range

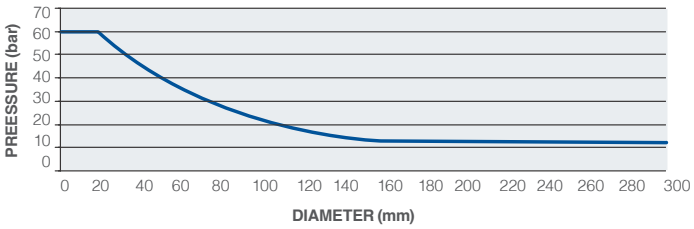
Application
- Light duty cylinders
- Agricultural machinery
- Low pressure industrial cylinders

Operating Conditions

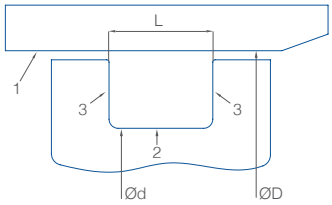
MOTION:	Linear	
PRESSURE (bar):	Hydraulic: Diagram	Pneumatic 16 bar
SPEED (m/s):	0.5 m/s (max)	
TEMPERATURE (°C):	-30/+105 °C	-30/+105 °C
MEDIA TYPE:	Mineral Oils	Conditioned dry air

NOTE: Working diagram depending on pressure and diameter can be seen in the graph below.

Hydraulic: Diagram



Surface Roughness



	1 (rod)
Ra	0.1-0.4 μm
Rmax	< 3.2 μm
Rmr	When C = 0.25xRz on the dynamic work surface and reference line C_{ref} = 5% , the working surface contact area should be approximately between 55% and 80%.

Material Information

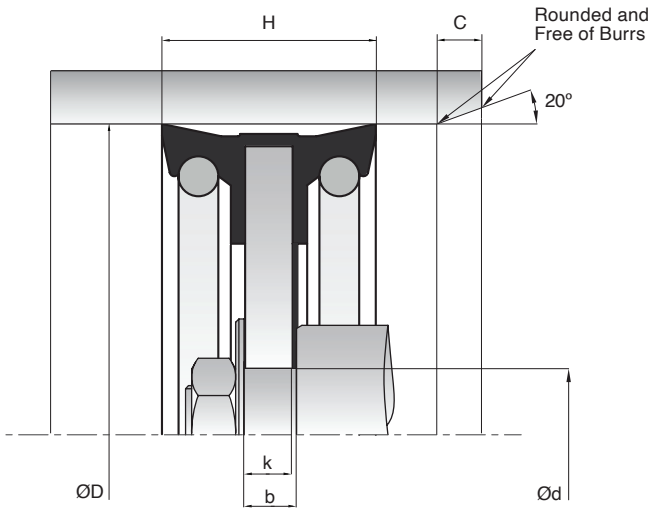
Sealing Ring	Body	Spring	Remarks
Elastomer-NB9001	Steel-FE9901	Stainless Steel-CN9901	Standard produced material code
Elastomer-FK9001	Steel-FE9901	Stainless Steel-CN9901	It can be produced as FKM elastomer in high temperature applications.

Not: Özel uygulama şartlarında (sıcaklık, akışkan vb.) farklı malzemelerden üretim yapılabilmektedir. Detaylar için Tablo 2.6'ya bakabilir veya satış departmanımız ile iletişime geçebilirsiniz.

Installation Information

Suitable nuts should be used during installation. It should be screwed in avoiding the elastomer surface to be cut by the force of the nut. The installation should be with lubrication of system oil into the bore at suitable chamfers.

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KASTAŞ NO	D (H11)	d (f9)	H	b	k	C	KASTAŞ CODE
K26-025	25	8	22	3.5	3	5	10014496
K26-026	26	8	22	3.5	3	5	10014499
K26-030	30	8	22	3.5	3	5	10014501
K26-032	32	8	25	3.5	3	5	10014504
K26-035	35	8	26	3.5	3	5	10014506
K26-038	38	8	25	3.5	3	5	10014512
K26-040	40	10	25	3.5	3	5	10014516
K26-045	45	10	25	4.5	4	5	10014522
K26-050	50	10	25	4.5	4	5	10014527
K26-055	55	10	25	4.5	4	5	10014536
K26-060	60	12	26	4.5	4	5	10014541
K26-063	63	12	25	4.5	4	5	10014553
K26-065	65	12	25	4.5	4	5	10014556
K26-070	70	12	30	5.9	5	5	10014561
K26-075	75	12	30	5.9	5	5	10014565
K26-080	80	12	30	5.9	5	5	10014568
K26-085	85	12	35	7.1	6	15.5	10014573
K26-090	90	12	35	7.1	6	15.5	10014579
K26-095	95	12	35	7	6	15.5	10014581
K26-100	100	12	35	7.1	6	15.5	10014583
K26-110	110	12	40	7	6	15.5	10014589
K26-115	115	20	30	7	6	15.5	10014591
K26-120	120	20	40	9	8	15.5	10014597
K26-125	125	20	40	9	8	15.5	10014601
K26-130	130	20	40	9	8	15.5	10014611
K26-140	140	20	40	11	10	15.5	10014617
K26-145	145	20	45	11	10	15.5	10014620
K26-150	150	20	40	11	10	15.5	10014625
K26-160	160	20	40	11	10	15.5	10014631
K26-175	175	20	40	11	10	15.5	10014637
K26-180	180	20	40	11	10	15.5	10014640
K26-200	200	20	40	11	10	15.5	10014643
K26-230	230	30	40	13	12	15.5	10014650
K26-250	250	30	40	13	12	15.5	10014652
K26-300	300	60	40	13	12	15.5	10014662