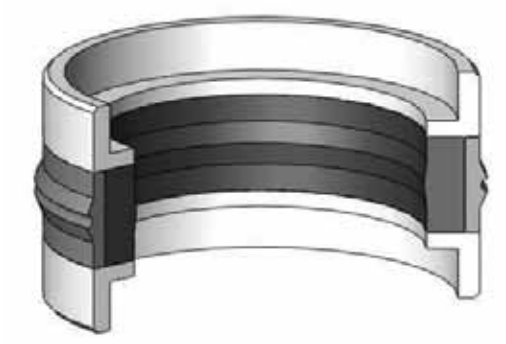


K16 is a three piece double acting compact seal which consists of one fabric reinforced elastomeric sealing element and two thermoplastic guide back-up rings.

PRODUCT ADVANTAGES
- Low friction, free of stick-slip
- Improved abrasion resistance
- Good dynamic and static sealing
- Long service life

APPLICATION
Mining equipment, iron and steel industry, marine hydraulics and earth moving equipment.

MATERIAL		CODE
NBR	80 SHORE A	NB8001
COTTON FABRIC NBR		NB8008
POM		PM9901

OPERATING CONDITIONS			
MEDIA	Mineral oils (DIN 51524)	HFA and HFB	HFC
TEMPERATURE	-30°C +105°C	+5°C +60°C	-30°C +60°C
PRESSURE	≤400 Bar	≤400 Bar	≤400 Bar
SPEED	≤0.5 m/sec	≤0.5 m/sec	≤0.5 m/sec

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

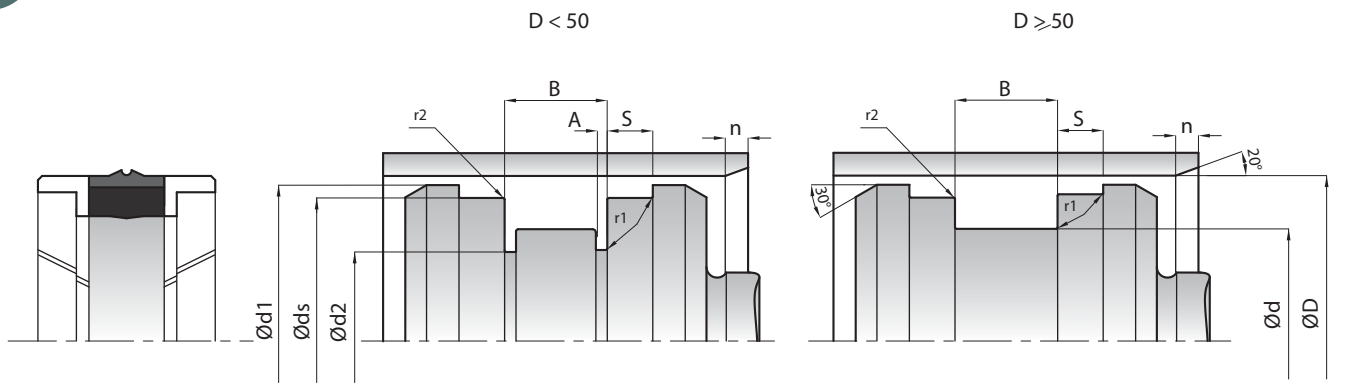
SURFACE ROUGHNESS		Ra	Rmax
Sliding Surface	ØD	≤0.4 µm	≤3.2 µm
Groove Base	Ød	≤1.6 µm	≤6.3 µm
Groove Flanks	B	≤3.2 µm	≤16 µm

Note: It is recommended to have 50% to 90% of the working surface material contact area value

INSTALLATION
K16 profile has been designed to be installed in a closed or open grooves taking the indicated catalogue information into consideration. We recommend having open groove design for dimensions that are smaller than Ø 50 mm. 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
For special applications that require high temperatures, our seal set is being manufactured with reinforced cotton fabric with FKM and special mixture of PTFE guide back-up rings.

K16 COMPACT PISTON SEAL



KASTAŞ NO	D (H11)	d (h11)	B (-0/+0.2)	ds (h8)	d1 (±0.1)	d2 (-0.1/+0)	A (-0/+0.1)	s (-0/+0.2)	r1	r2	n
K16 025-017	25	17	13.5	21	24.4	14	2.1	3.2	0.4	0.2	4
K16 030-022	30	22	13.5	26	29.4	19	2.1	3.2	0.4	0.2	4
K16 030-021	30	21	13.5	27	29.4	21	2.2	2.1	0.4	0.2	4
K16 032-024	32	24	15.5	28	31.4	21	3.1	3.2	0.4	0.2	4
K16 035-027	35	27	15.5	31	34.4	24	3.1	3.2	0.4	0.2	4
K16 040-032	40	32	15.5	36	39.4	29	3.1	3.2	0.4	0.2	4
K16 045-037	45	37	15.5	41	44.4	34	3.1	3.2	0.4	0.2	4
K16 050-038	50	38	20.5	46	49.4	-	-	4.2	0.4	0.2	4
K16 060-048	60	48	20.5	56	59.4	-	-	4.2	0.4	0.2	4
K16 063-051	63	51	20.5	59	62.4	-	-	4.2	0.4	0.2	4
K16 070-058	70	58	20.5	66	69.4	-	-	4.2	0.4	0.2	4
K16 075-063	75	63	20.5	71	69.4	-	-	4.2	0.4	0.2	4
K16 080-065	80	65	20	76	78.5	-	-	5	0.4	0.2	5
K16 080-066	80	66	22.5	76	79.4	-	-	5.2	0.4	0.2	4.5
K16 085-071	85	71	22.5	81	84.4	-	-	5.2	0.4	0.2	4.5
K16 090-076	90	76	22.5	86	89.4	-	-	5.2	0.4	0.2	4.5
K16 100-086	100	86	22.5	96	99.4	-	-	5.2	0.4	0.2	4.5
K16 110-096	110	96	22.5	106	109.4	-	-	5.2	0.4	0.2	4.5
K16 115-101	115	101	22.5	111	114.4	-	-	5.2	0.4	0.2	4.5
K16 120-106	120	106	22.5	116	119.4	-	-	5.2	0.4	0.2	4.5
K16 125-103	125	103	26.5	121	124.4	-	-	5.2	0.4	0.2	6
K16 125-108	125	108	26.5	121	124.4	-	-	7.2	0.4	0.2	5
K16 140-123	140	123	26.5	136	139.4	-	-	7.2	0.4	0.2	5
K16 150-133	150	133	26.5	146	149.4	-	-	7.2	0.4	0.2	5
K16 160-140	160	140	25	156	158	-	-	6.3	0.4	0.2	6
K16 160-143	160	143	26.5	156	159.4	-	-	7.2	0.4	0.2	5
K16 180-163	180	163	26.5	176	179.4	-	-	7.2	0.4	0.2	5
K16 200-180	200	180	31.5	196	199.4	-	-	9.2	0.4	0.2	6
K16 220-200	220	200	31.5	216	219.4	-	-	9.2	0.4	0.2	6
K16 250-225	250	225	31.5	246	249.4	-	-	6.6	0.4	0.2	6
K16 250-230	250	230	31.5	246	249.4	-	-	9.2	0.4	0.2	6

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