

KK 22/KK 25

Description

Product group	Piston seal
Design	K compact seal
Profile no.	22/25
Specification	Z suitable for two-sided pressure load
Seal material	NBR fabric NBR F 90 3005 (22), NBR F 80 2901 (25)
Seal body	NBR 80 3001 (22), NBR 80 2901 (25)
Guide rings	PA

Operational application limits

Pressure (MPa): ≤ 40 (KK 22),
 ≤ 70 (KK 25)
Temperature (°C): -30 to +100
Running speed (m/s): ≤ 0.5

Media

Hydraulic oils acc. to DIN 51524
Part 1 – 3, lubricating oils, mineral oil
based lubricating greases, highly non-
flammable hydraulic fluids HFA, HFB,
HFC acc. to VDMA 24317

Function

The KK 22 and KK 25 compact seals are double-acting seals consisting of a sealing ring and guide rings. The KK 22 and KK 25 guarantee a good sealing function – also in low pressure areas. Due to the integrated guide elements, the piston length can be reduced to save material.

Installation

The KK 22 can easily be installed on one-piece pistons. The KK 25 can only be installed deformation-free in axially accessible piston grooves.

Remarks

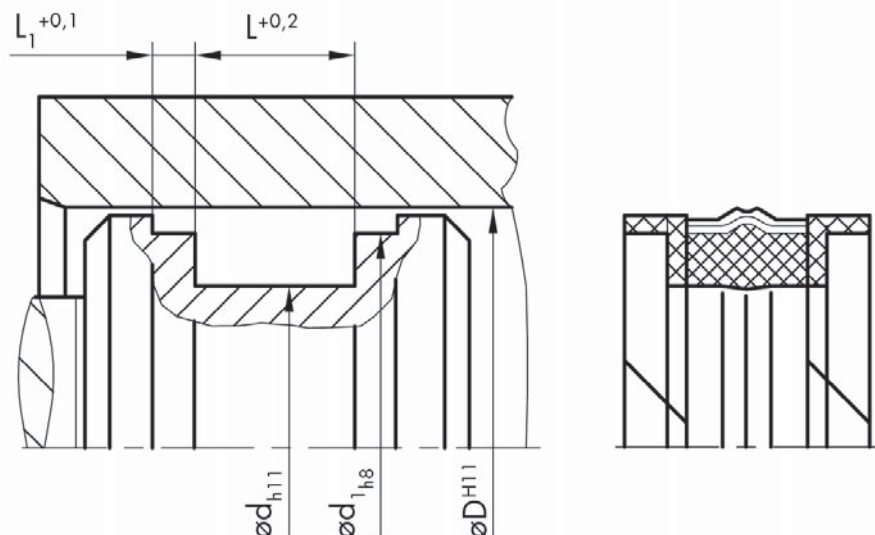
Due to the NBR impregnated fabric on the contact surface, the KK 22 and KK 25 have an increased wear resistance, an improved gap extrusion resistance and minimisation of friction. The KK 25 can withstand very high pressures because of its solid fabric body.

Order code

Please include our item numbers in your order. Should you require non-standard dimensions, materials or material combinations, please use the order code on page 12.

Any seal. Any time.

All the items in our standard programme (marked red) are standard stock items. For all other items, please check the availability at www.dichtomatik.de.



KK 22/KK 25
Sizes

Item No.	Code	D	d	d ₁	L	L ₁
24825	KK 25 Z STFA	40	24	35.4	18.4	6.35
61942	KK 25 Z STFA	45	29	40.4	18.4	6.35
23793	KK 22 Z STFA	45	37	41	15.5	3.2
24826	KK 25 Z STFA	50	34	45.4	18.4	6.35
62080	KK 22 Z STFA	50	38	46	20.5	4.2
74817	KK 25 Z STFA	55	39	50.4	18.4	6.35
24828	KK 25 Z STFA	60	44	55.4	18.4	6.35
62082	KK 22 Z STFA	60	48	56	20.5	4.2
74818	KK 25 Z STFA	65	50	60.4	18.4	6.35
24831	KK 25 Z STFA	70	50	64.2	22.4	6.35
62085	KK 22 Z STFA	70	58	66	20.5	4.2
74819	KK 25 Z STFA	75	55	69.2	22.4	6.35
168709	KK 22 Z STFA	75	63	71	20.5	4.2
24852	KK 25 Z STFA	80	60	74.2	22.4	6.35
37531	KK 22 Z STFA	80	66	76	22.5	5.2
74820	KK 25 Z STFA	85	65	79.2	22.4	6.35
62087	KK 22 Z STFA	85	71	81	22.5	5.2
24835	KK 25 Z STFA	90	70	84.1	22.4	6.35
62088	KK 22 Z STFA	90	76	86	22.5	5.2
74821	KK 25 Z STFA	95	75	89.15	22.4	6.35
74822	KK 25 Z STFA	100	75	93.15	22.4	6.35
24837	KK 25 Z STFA	100	80	94.15	25.4	6.35
37532	KK 22 Z STFA	100	86	96	22.5	5.2
69849	KK 25 Z STFA	105	85	98.1	22.4	6.35
62089	KK 22 Z STFA	110	96	106	22.5	5.2
74824	KK 25 Z STFA	120	100	114.1	25.4	6.35
69456	KK 22 Z STFA	120	106	116	22.5	5.2
62090	KK 22 Z STFA	125	108	121	26.5	7.2
74825	KK 25 Z STFA	130	105	123.1	25.4	6.35
74826	KK 25 Z STFA	140	115	133	25.4	6.35
62091	KK 22 Z STFA	140	123	136	26.5	7.2
74827	KK 25 Z STFA	150	125	143	25.4	6.35
69457	KK 22 Z STFA	150	133	146	26.5	7.2
74829	KK 22 Z STFA	160	140	156	25	7.2
24200	KK 22 Z STFA	160	143	156	26.5	7.2
69458	KK 22 Z STFA	180	163	176	26.5	7.2
69459	KK 22 Z STFA	200	180	196	31.5	9.2
56473	KK 22 Z STFA	220	200	216	31.5	9.2
37751	KK 22 Z STFA	250	230	246	31.5	9.2