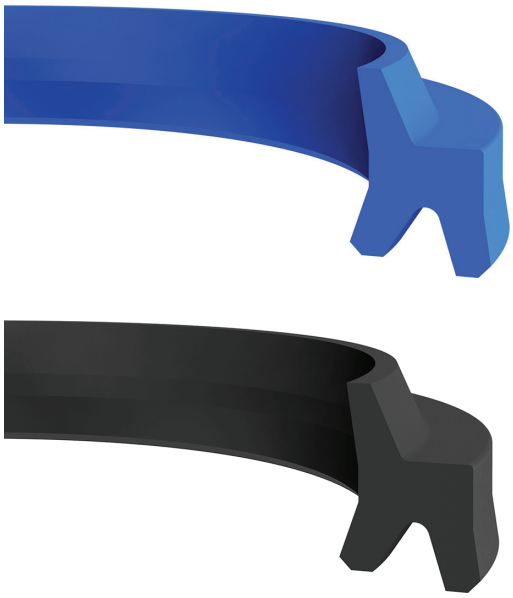
K27
Double Wiper



K27 double wipers are scraper elements preventing that foreign particles from outer environment penetrate in the cylinder. They have a good wiping performance on the rod with double wiper design. They have a superior wiping effect on the rod thanks to the cut lip structure by the special cut tools.

Advantages
- Good sealing effect
- Simple installation
- Good wiping effect

Application
- Forklifts
- Construction machinery
- Injection moulding machines
- Agricultural machinery
- Standard industrial cylinders

Operating Conditions (PU9201)

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.

Operating Conditions (NB9001)

MOTION:	Linear		
SPEED (m/s):	1 m/s (max)		
TEMPERATURE (°C):	-30/+105 °C	+5/+60 °C	-30/+60 °C
MEDIA TYPE:	Mineral Oils	HFA/HFB	HFC

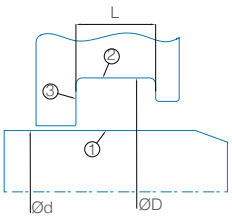
NOTE: The above values (speed, pressure, temperature) are maximum values, all cannot be used at the same time.

Material Information

Wiper	Remarks
Polyurethane-PU9201	Standard produced material code
Elastomer-NB9001	Standard produced material code
Elastomer-FK9001	It can be produced from FKM material for high temperature applications.

Note: In the special application conditions (temperature, media, etc.) Can be produced from different materials. You can refer to Table 2.6 and Table 2.10 for details or you can contact our sales department.

Surface Roughness



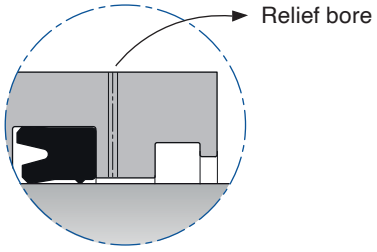
	1 (rod)	2 (groove base)	3 (groove flanks)
Ra	*** µm	0.2-1.6 µm	0.2-3.2 µm
Rmax	*** µm	< 6.3 µm	< 16 µm

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

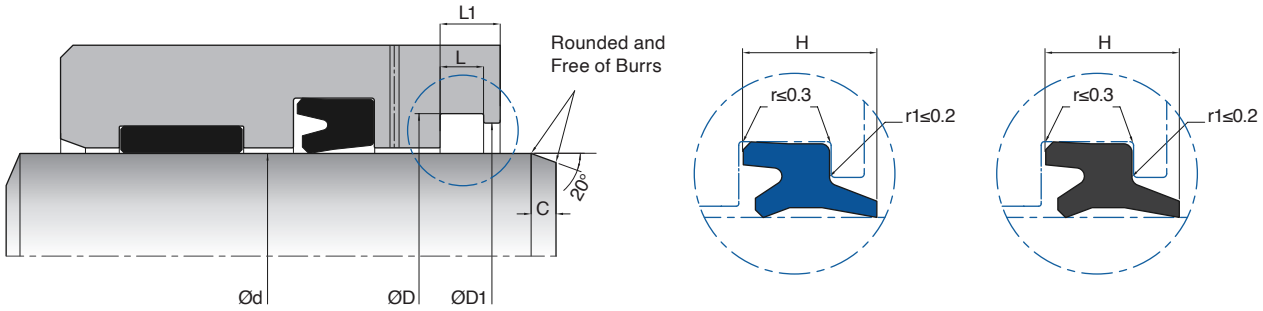
Installation Information

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: In case of use with u-ring which doesn't provide pressure relieving, a relief bore should be placed between the u-ring and wiper.



K27 Double Wiper



KASTAŞ NO	d (f8)	D (H10)	D1 (H10)	L (+0.2/-0)	L1	H	KASTAŞ CODE NBR	KASTAŞ CODE PU
K27-008	8	14	11.2	4.3	6.3	5.5	10014689	-
K27-010	10	16.1	12.7	3.9	5.9	4.8	-	10014691
K27-010/1	10	15	12	5	7	6	-	10014692
K27-012	12	18	14.6	3.6	5.6	4.8	10014693	-
K27-012/1	12.76	20.42	15.62	5.07	7.07	6	10014695	10014696
K27-013	13	20	16	5.8	7.8	7.3	10014697	-
K27-014	14	20	16.5	3.6	5.6	4.8	10014698	-
K27-014/1	14	20	16.5	4	6	6	-	10014700
K27-015	15.93	23.59	18.79	5.07	7.07	6	10014702	10014703
K27-015/1	15.87	23.8	19.1	5.1	7.1	6	10014704	10014705
K27-016	16	22	19	3.8	5.8	5.5	10014706	10014708
K27-016/1	16	24	19	4.3	6.3	6	10014709	-
K27-016/2	16	22	18.5	3.9	5.9	5	-	10014712
K27-018/2	18	24.6	21	3.8	5.8	4.8	10014715	-
K27-018/4	18	26.6	21	5.3	7.3	7	-	10014719
K27-020	20	28.6	23	5.3	7.3	7	10014720	10014722
K27-020/2	20	26	22.5	4	6	5	-	10014725
K27-022	22	28	25	3.9	5.9	5	10014727	10014729
K27-022/1	22	30	25.2	5.3	7.3	7	10014730	10014732
K27-022/3	22	28	24.5	4	6	5.7	-	10014734
K27-025	25	33.6	28	5.3	7.3	7	10014735	10014737
K27-025/1	25.46	34.72	28.72	5.45	7.45	6.7	10014738	10014739
K27-025/2	25	31	27.5	3.9	5.9	4.8	-	10014741
K27-028	28	36.6	31	5.3	7.3	7	10014742	10014744
K27-028/1	28	36	31.2	4.8	6.8	5.8	10014745	-
K27-030	30	38.6	33	5.3	7.3	7	10014749	10014751
K27-031.5	31.5	41.5	34.7	5.3	7.3	7	-	10014754
K27-032	32	40	35.2	5.3	7.3	7	-	10014755
K27-032/1	32	40	35.2	4.8	6.8	5.8	-	10014756
K27-034	34.92	44.45	38.15	5.45	7.45	6.7	10014757	10014759
K27-035	35	43.6	38	5.3	7.3	7	10014760	10014762
K27-035/1	35	45	38.2	6.3	8.3	8	-	10014763
K27-036	36	44.6	39	5.3	7.3	7	10014764	10014766
K27-038	38	48	41.6	4.3	6.3	5.8	10014770	10014771
K27-040	40	48.6	43	5.3	7.3	7	10014772	10014775
K27-040/1	40	50	43.75	5	7	6.5	-	10014776
K27-042	42	50	45	5.3	7.3	7	10014778	-
K27-044	44.51	53.77	47.77	5.4	7.4	6.7	10014779	10014782
K27-045	45	55.6	48.8	5.3	7.3	7	10014783	10014785
K27-045/1	45	53.6	48	5.3	7.3	7	10014786	10014788
K27-045/2	45	53	48	4.5	6.5	5.8	10014789	10014791
K27-045/3	45	53	48.2	5.3	7.3	6.5	-	10014792
K27-045/4	45	52.9	49	5.3	6.3	6.5	-	10014793
K27-047	47.63	56.9	51.05	5.24	7.24	7	-	10014794
K27-050	50	60.6	53.8	5.3	7.3	7	10014795	10014797
K27-050/2	50	58.6	53	5.3	7.3	7	10014799	10014801



KASTAŞ NO	d (f8)	D (H10)	D1 (H10)	L (+0.2/-0)	L1	H	KASTAŞ CODE NBR	KASTAŞ CODE PU
K27-050/3	50	58	53.2	4.8	6.8	5.8	10014802	10014804
K27-050/4	50.86	60.12	54.12	5.45	7.45	6.7	10014805	10014807
K27-050/5	50	57.9	54	5.3	7.3	6.5	-	10014808
K27-053	53.97	63.5	57.7	5.65	7.65	7.45	10014809	-
K27-055	55	65.6	58.8	5.3	7.3	7	10014811	10014813
K27-055/1	55	63	58.2	5.3	7.3	7	-	10014815
K27-056	56	64	59.2	5.3	7.3	7	10014817	10014819
K27-056/1	56	66	59	5.6	7.6	6.8	-	10014821
K27-060	60	70.6	63.8	5.3	7.3	7	10014823	10014825
K27-060/4	60	68.6	63	5.3	7.3	7	-	10024828
K27-063	63	71.6	66	5.3	7.3	7	10014829	10014830
K27-063/1	63	73.6	66.8	5.3	7.3	7	10014831	10014833
K27-063/2	63.57	76.12	66.92	7	9	8.65	10014834	-
K27-065	65	75.6	68.8	5.3	7.3	7	10014837	10014838
K27-070	70	80.6	73.8	5.3	7.3	7	10014839	10014841
K27-070/3	70	78.6	73.1	5	7	7	-	10014844
K27-075	75	87.2	81	7.1	9.1	12	10014845	10014846
K27-075/1	75	85	78.1	5.3	7.3	7	-	10014847
K27-075/2	75	83.6	78	5.3	7.3	7	-	10014848
K27-076	76.2	88.9	82.5	7.05	9.05	8.65	10014850	-
K27-080	80	92	86	7.1	9.1	12	10014851	10014853
K27-080/1	80	90	83.5	7.3	9.3	12	-	10014854
K27-080/2	80	88	88.6	5	7	7	-	10014855
K27-085	85	97.2	91	7.1	9.1	12	10014856	10014857
K27-088	88.97	101.52	92.2	7	9	8.65	10014858	-
K27-090	90	102.2	96	7.1	9.1	12	10014859	10014861
K27-090/1	90	100	93.2	6.3	8.3	8	10014862	-
K27-095	95	107.2	101	7.1	9.1	12	10014865	10014866
K27-100	100	110.2	105	7	9	8	-	10014870
K27-100/1	100	110.2	103.6	6	8	6.8	-	10014871
K27-101	101.67	114.22	105.02	7.05	9.05	8.65	10014873	-
K27-105	105	117.2	111	7.2	9.2	12	-	10014874
K27-110	110	125.2	117	7.8	9.8	9.5	10014875	-
K27-110/1	110	120.2	115	7	9	9	-	10014877
K27-110/2	110	125.2	114	8.5	10.5	9.5	-	10014878
K27-110/3	110	122.2	116	7.2	9.2	12	-	10014879
K27-115	115	127.2	121	7.1	9.1	12	10014880	10014881
K27-120	120	132.2	126	7.2	9.2	12	-	10014882
K27-125	125	140	129.2	7.6	9.6	9.5	10014883	10014884
K27-125/1	125	138	132	7.3	9.3	9.5	-	10014885
K27-127	127	139.7	132.3	7.05	9.05	8.65	10014887	-
K27-132	132	145	139	7.3	9.3	9.5	-	10014888
K27-135	135	147.2	141	7.1	9.1	12	10014889	10014890
K27-135/1	135	150	141.8	7.3	9.3	12	-	10014891
K27-139	139.7	152.4	145	7.05	9.05	8.65	10014892	-
K27-140	140	155	147.5	10.2	12.2	16	-	10014893
K27-155	155	167	161	7.1	9.1	12	10014894	10014895
K27-160	160	172.2	166	7.1	9.1	12	10014896	10014897
K27-160/1	160	175	166.8	8	10	11.5	10014898	-
K27-160/2	160	175	167.6	10.2	12.2	16	-	10014899
K27-185	185	197.2	191	7.1	9.1	12	10014904	10014905
K27-200	200	212.2	206	7.1	9.1	12	-	10014907
K27-215	215	227	221	7.1	9.1	12	10014908	10014909
K27-220	220	232.2	226	7.1	9.1	12	-	10014910
K27-240	240	255	247	7.1	9.1	12	10014911	10014912
K27-280	280	305	292	16.5	17.8	22.5	10014914	-