

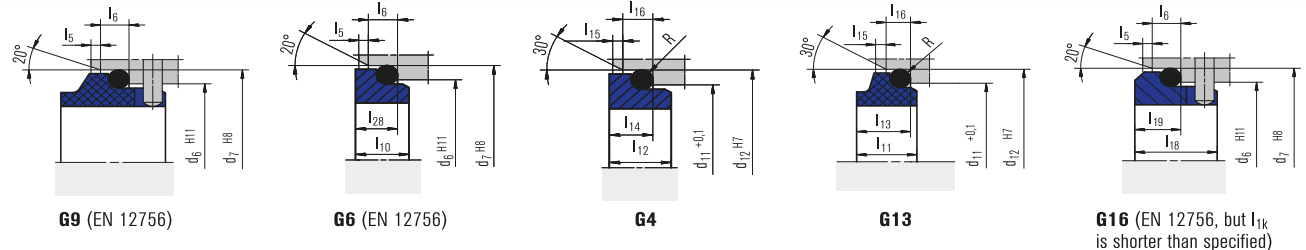
- 1) $d_1 > 100 \text{ mm}$: 2 mm x 30°
- 2) $d_1 > 100 \text{ mm}$: 30°
- 3) $d_1 > 100 \text{ mm}$: +0.1
- 4) $d_1 > 100 \text{ mm}$: H7



Product Description	Technical Features	Operating Range	Material
▶ 1,1-Seal face	▶ Single Seal	▶ $d_1 = 14 - 200 \text{ mm}$	▶ Rotary seal faces: Chrome Nickel
▶ 1,2-Drive collar	▶ Unbalanced	▶ $p_1 = 16 (25) \text{ bar}$	Silicon carbide, Tungsten Carbide
▶ 1,3-Thrust Ring	▶ Independent of rotation direction	▶ $t = -50 / 220 \text{ °C}$	▶ Stationary seal faces: Silicon carbide, Carbon, Tungsten Carbide, Chrome Nickel
▶ 1,4-O-Ring		▶ $V_g = 20 \text{ m/sn}$	▶ Elastomers : Viton (FKM), EPDM, Nitril (NBR) Silicon
▶ 1,5-Wave Spring			
▶ 1,6-Set Screw			
▶ 3-O-Ring			

Stationary Seat Alternatives
 ▶ G-13 G-9 G-6 G-4 G-60

Seat alternatives



Dimensions in mm																														
d_1	d_2	d_3	d_4	d_5	d_6	d_7	d_8	d_9	d_{10}	d_{11}	d_{12}	d_{13}	d_{14}	d_{15}	d_{16}	d_{17}	d_{18}	d_{19}	d_{20}	d_{21}	d_{22}	d_{23}	d_{24}	d_{25}	d_{26}	d_{27}	d_{28}	d_{29}		
14*	18	33	21	25	3	20	-	-	38	42.5	-	18	32.5	1.5	4	8.5	17.5	10	-	-	-	-	-	-	5	-	6	-	-	
16*	20	35	23	27	3	22	-	-	40	42.5	-	18	32.5	1.5	4	8.5	17.5	10	-	-	-	-	-	-	5	-	6	-	-	
18*	22	37	27	33	3	24	-	-	42	45	55	20	33.5	2	5	9	19.5	11.5	-	-	-	-	-	6	-	7	-	-	-	
20*	24	39	29	35	3	26	-	-	44	45	60	20	33.5	2	5	9	19.5	11.5	-	-	-	-	-	6	-	5.5	-	-	-	
22*	26	41	31	37	3	28	-	-	45	45	60	20	33.5	2	5	9	19.5	11.5	-	-	-	-	-	6	-	8	-	-	-	
24*	28	43	33	39	3	30	-	-	47	47.5	60	20	36	2	5	9	19.5	11.5	-	-	-	-	-	6	-	5.5	-	-	-	
25*	30	45	34	40	3	32	-	-	49	47.5	60	20	36	2	5	9	19.5	11.5	-	-	-	-	-	6	-	5.5	-	-	-	
28*	33	48	37	43	3	35	44.65	50.57	51	50	65	20	38.5	2	5	9	19.5	11.5	24	8.5	24	6	8	8	6.6	22.6	9	M6	12	1.5
30*	35	50	39	45	3	37	47.83	53.75	54	50	65	20	38.5	2	5	9	19.5	11.5	24.5	9	24	6	8	8	6.6	22.6	9	M6	12	1.5
32*	38	55	42	48	3	40	47.83	53.75	59	50	65	20	38.5	2	5	9	19.5	11.5	24.5	9	24	6	8	8	6.6	22.6	9	M6	12	1.5
33*	38	55	42	48	3	40	47.83	53.75	59	50	65	20	38.5	2	5	9	19.5	11.5	24.5	9	24	6	8	8	6.6	22.6	9	M6	12	1.5
35*	40	57	44	50	3	42	51	56.92	61	50	65	20	38.5	2	5	9	19.5	11.5	24.5	9	24	6	8	8	6.6	22.6	9	M6	12	1.5
38*	43	60	49	56	4	45	54.18	60.1	65	52.5	75	23	38.5	2	6	9	22	14	26	11	24	6	8	8	6.6	22.6	9	M6	12	1.5
40*	45	62	51	58	4	47	60.53	66.45	66	52.5	75	23	38.5	2	6	9	22	14	26	11	24	6	8	8	6.6	22.6	9	M6	12	1.5
43*	48	65	54	61	4	50	63.7	69.62	69	52.5	75	23	38.5	2	6	9	22	14	26	11	24	6	8	8	6.6	22.6	9	M6	12	1.5
45*	50	67	56	63	4	52	63.7	69.62	71	52.5	75	23	38.5	2	6	9	22	14	26	11	24	6	8	8	6.6	22.6	9	M6	12	1.5
48*	53	70	59	66	4	55	66.88	72.8	75	52.5	85	23	38.5	2	6	9	22	14	26	11	24	6	8	8	6.6	22.6	9	M6	12	1.5
50*	55	72	62	70	4	57	70.05	75.97	76	52.5	85	25	42.5	2.5	6	9	23	15	26.5	12.5	24	6	8	8	6.6	22.6	9	M6	12	1.5
53*	58	79	65	73	4	60	76.4	82.32	83	52.5	85	25	42.5	2.5	6	9	23	15	26.5	12.5	24	6	8	8	6.6	22.6	9	M8	12	1.9
55*	60	81	67	75	4	62	76.4	82.32	85	52.5	85	25	42.5	2.5	6	9	23	15	28.5	12.5	26	8	8	9	6.6	24.6	11	M8	12	1.9
58*	63	84	70	78	4	65	79.58	85.5	88	62.5	85	25	47.5	2.5	6	9	23	15	28.5	12.5	26	8	8	9	6.6	24.6	11	M8	15	1.9
60*	65	86	72	80	4	67	82.75	88.67	95	62.5	95	25	47.5	2.5	6	9	23	15	28.5	12.5	26	8	8	9	6.6	24.6	11	M8	15	1.9
63*	68	89	75	83	4	70	85.93	91.85	93	62.5	95	25	47.5	2.5	6	9	23	15	28.5	12.5	26	8	8	9	6.6	24.6	11	M8	14	1.9
65*	70	91	77	85	4	72	85.93	91.85	95	62.5	95	25	47.5	2.5	6	9	23	15	28.5	12.5	26	8	8	9	6.6	24.6	11	M8	15	1.9
70*	75	99	83	92	4	77	89.1	95.02	105	70	95	28	52	2.5	7	9	26	18	30.5	14.5	26	8	8	10	6.6	24.6	11	M8	15	1.9
75*	80	104	88	97	4	82	96.63	104.55	109	70	105	28	52	2.5	7	9	26	18	30.5	14.5	26	8	8	10	6.6	24.6	11	M8	15	1.9
80*	85	109	95	105	4	87	101.8	107.72	114	70	105	28	51.8	3	7	9	26.2	18.2	30.2	14	26	8	8	10	6.6	24.6	11	M8	15	1.9
85*	90	114	100	110	4	92	108.15	114.07	119	75	105	28	56.8	3	7	9	26.2	18.2	30.2	14	26	10	8	10	6.6	24.6	11	M8	18	2.3
90*	95	119	105	115	4	97	114.5	120.42	124	75	105	28	56.8	3	7	9	26.2	18.2	30.2	14	26	10	8	10	6.6	24.6	11	M8	18	2.3
95*	100	124	110	120	4	102	117.68	123.6	129	75	105	28	57.8	3	7	9	25.2	17.2	29.2	14	26	10	8	10	6.6	24.6	11	M8	18	2.3
100*	105	129	115	125	4	107	124.03	129.95	134	75	105	28	57.8	3	7	9	25.2	17.2	29.2	14	26	10	8	10	6.6	24.6	11	M8	18	2.3
105*	115	148	122.2	134.3	5	118	128.98	134.9	153	73	-	32	53	2	10	-	30	20	29.2	15.2	26	10	8	10	6.6	24.6	11	M8	18	2.3
110*	120	153	128.2	140.3	5	123	135.3	141.2	158	73	-	32	53	2	10	-	30	20	32.5	14.5	30	10	9.5	10	6.6	28.6	13	M8	18	2.3
115*	125	158	136.2	148.3	5	128	140.3	146.2	163	73	-	32	53	2	10	-	30	20	32.5	14.5	30	10	9.5	10	6.6	28.6	13	M8	18	2.3
120*	130	163	138.2	150.3	5	133	145.3	151.2	168	73	-	32	53	2	10	-	30	20	32.5	14.5	30	10	9.5	10	6.6	28.6	13	M8	18	2.3
125*	135	168	142.2	154.3	5	138	150.3	156.2	173	73	-	32	53	2	10	-	30	20	32.5	14.5	30	10	9.5	10	6.6	28.6	13	M8	18	2.3
130*	140	173	146.2	158.3	5	143	155.3	161.2	178	73	-	32	53	2	10	-	30	20	32.5	14.5	30	10	9.5	10	6.6	28.6	13	M8	18	2.3
135*	145	178	152.2	164.3	5	148	160.3	166.2	183	73	-	32	53	2	10	-	30	20	32.5	14.5	30	10	9.5	10	6.6	28.6	13	M8	18	2.3
140*	150	183	156.2	168.3	5	153	165.3	171.2	188	73	-	32	53	2	10	-	30	20	32.5	14.5	30	10	9.5	10	6.6	28.6	13	M8	18	2.3
145*	155	191	161.2	173.3	5	158	172.3	178.2	196	83	-	34	63	2	10	-	30	20	34.5	16.5	32	12	10	12	7.1	30.1	14	M8	22	2.1
150*	160	196	168.2	180.3	5	163	177.3	183.2	201	85	-	36	63	2	10	-	32	22	34.5	16.5	32	12	10	12	7.1	30.1	14	M8	22	2.1
155*	165	201	173.2	185.3	5	168	182.3	188.2	206	87	-	38	63	2	12	-	34													