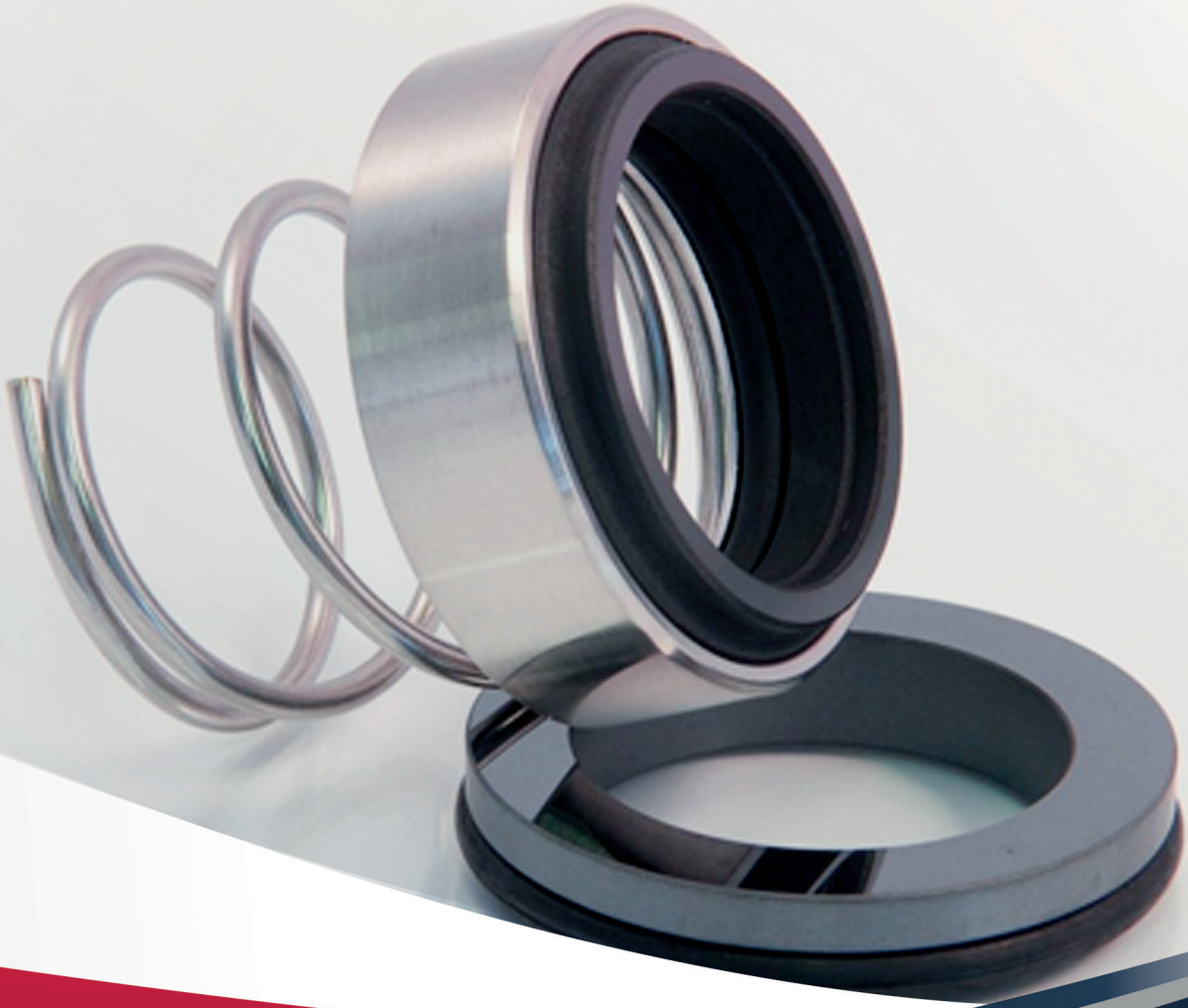


MEKANİK SALMASTRA KATALOĐU



ASR SIZDIRMAZLIK ELEMANLARI
SAN. VE TİC. LTD. ŞTİ.



TÜM İHTİYAÇLARINIZDA
ÇÖZÜM SEÇENEKLERİ İLE
YANINIZDAYIZ

ASR SIZDIRMAZLIK ELEMANLARI SAN. VE TİC. LTD. ŞTİ.

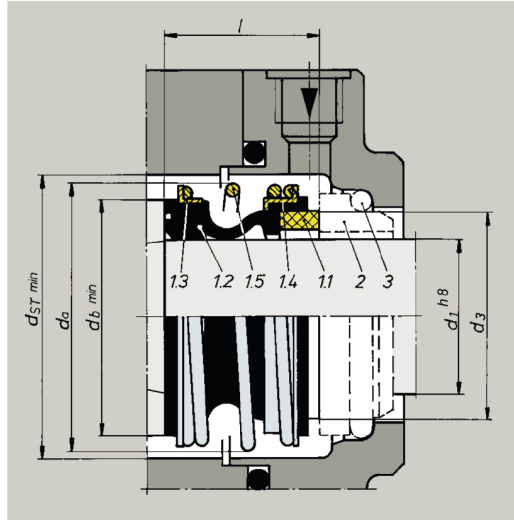
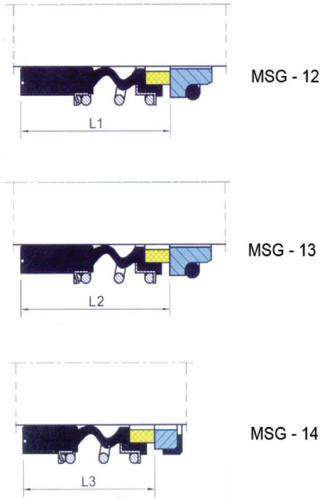
ASR Sızdırmazlık olarak, inovatif fikir ve teknolojilerle, dünya kalite ve standartlarda ürün ve hizmetler sunmayı amaçlamaktayız. Ülkemiz, müşterilerimiz, ortaklarımız, bayilerimiz ve yan sanayimiz için güvenilirlik, devamlılık ve saygınlık simgesi olmayı hedefliyoruz.

Kuruluşumuzun ana ilkeleri daima üretken olmak, verimli çalışmak, yapıcı olmak ve iş birliği içinde olduğu kuruluşlarla çalışmalarında karşılıklı olarak kuruluşlara, topluma ve endüstriye fayda sağlamaktır. Kaliteden ödün vermeden üretim yapan firmamızın en büyük yol rehberi, müşteri talepleri ve müşteri memnuniyetidir. Satış öncesi ve satış sonrası hizmet politikamız ile her zaman müşteri memnuniyetini ön planda tutmaktayız. Yerli ve yabancı müşterilerimizin beklentilerini yerli imalat, yurt dışı alım, güncellenen tasarım ve teknoloji ile genişlemekte olan ürün yelpazemizle birleştirmek öncelikli hedeflerimiz arasındadır.

Türkiye'nin önde gelen firmalarına en üst düzeyde hizmet vermeye devam eden firmamız, Mekanik Salmastra konusunda üretici kimliğini gururla ve başarıyla taşımaktadır.

Kuruluşumuz, endüstri sektöründe başta Pompa, Vana, Kompansatör, Çelik Çekme Boru, Bükümlü Boru, Kondenstop, Kelepçeler, Seviye Kontrol Cihazları, Motorlar, Boru ve Fittingsler, Eşanjörler, Ölçü Kontrol Ürünleri, Yangın Grubu, Selenoid Valfler, Akümülatörler, Soğutucular, Debi ve Basınç – Sıcaklık Ölçme Cihazları, Basınç Ölçme Hortumları, Basınç Ölçme Saatleri, Quick Kaplinler, Küresel Vanalar, Hat Tipi Çek Valfler, Flanş Kepleri, Pnömatik ürünler, Brülörler, Genleşme Tankları, Kaynaklı Flanş Kepleri gibi birçok uygulamada kullanılan tüm malzemelerin stok temini konusunda hizmet vermektedir.





Parça Tanımlama

- 1,1-Döner Eleman
- 1,2-Kauçuk Körük
- 1,3-"L" Ring (Yay Kovanı)
- 1,4-"L" Ring (Yay Kovanı)
- 1,5-Yay
- 2-Sabit Eleman
- 3-O-Ringi veya "L" Ring

Teknik Özellikleri

- Kauçuk Körüklü
- Tekli Salmastra
- Balanssız
- Dönme Yönüne Bağımsız

Çalışma Limitleri

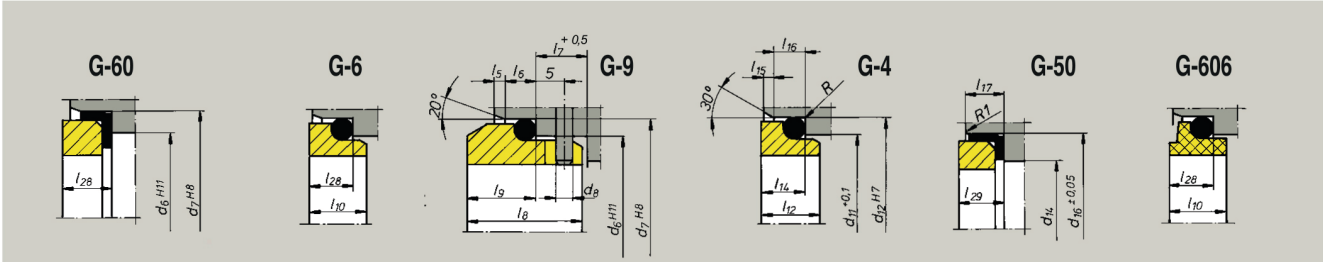
- $d_1 = 10 - 100\text{mm}$
- $p = 12 (16) \text{ bar}$
- $t = -20 / 180 \text{ } ^\circ\text{C}$
- $V_g = 10 \text{ m/sn}$

Malzemeler

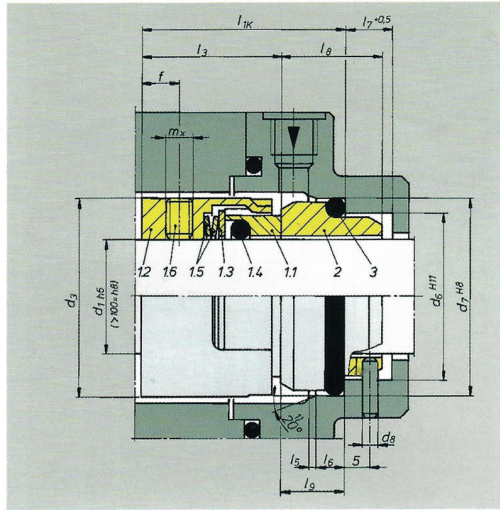
- Döner Eleman Yüzey Seçenekleri: Silisyumkarbür, Karbon, Tungstenkarbür
- Sabit Eleman Yüzey Seçenekleri: Silisyumkarbür, Karbon, Tungstenkarbür, Seramik, Krom-Nikel 316 ti
- Elastomerler : Viton (FKM), EPDM, Nitril (NBR)

Sabit Eleman Seçenekleri

- G-60 G-6 G-9 G-4 G-50 G-606



d ₁	d ₃	d ₆	d ₇	d ₈	d ₁₁	d ₁₂	d ₁₄	d ₁₆	d _a	d _b (*)	d _m (*)	d _s (*)	d _{ST}	l	l ₁	l _{1K}	l _{1N}	l _{1S}	l ₂	l ₃	l ₅	l ₆	l ₇	l ₈	l ₉	l ₁₀	l ₁₂	l ₁₄	l ₁₅	l ₁₆	l ₁₇	l ₂₈	L ₂₉	R
10	15.7	17	21	3	15.5	19.2	11.0	24.60	22.5	20.5	18	18	24	14.5	25.9	32.5	40	34.0	33.4	25	1.5	4	8.5	17.5	10.0	7.5	7.5	6.6	1.2	3.8	7.5	6.6	9.0	1.2
12	17.7	19	23	3	17.5	21.6	13.5	27.80	25.0	22.5	20	20	26	15.0	25.9	32.5	40	34.0	33.4	25	1.5	4	8.5	17.5	10.0	7.5	6.5	5.6	1.2	3.8	7.5	6.6	9.0	1.2
14	19.7	21	25	3	20.5	24.6	17.0	30.95	28.5	26.5	22	22	30	17.0	28.4	35.0	40	35.5	33.4	25	1.5	4	8.5	17.5	10.0	7.5	6.5	5.6	1.2	3.8	9.0	6.6	10.5	1.2
15	20.8	-	-	-	20.5	24.6	17.0	30.95	28.5	26.5	22	22	30	17.0	28.4	-	-	35.5	33.4	25	-	-	-	-	-	-	7.5	6.6	1.2	3.8	9.0	-	10.5	1.2
16	21.0	23	27	3	22.0	28.0	17.0	30.95	28.5	26.5	22	22	30	17.0	28.4	35.0	40	35.5	33.4	25	1.5	4	8.5	17.5	10.0	7.5	8.5	7.5	1.5	5.0	9.0	6.6	10.5	1.5
18	23.7	27	33	3	24.0	30.0	20.0	34.15	32.0	29.0	29	26	33	19.5	30.0	37.5	45	35.5	37.5	25	2.0	5	9.0	19.5	11.5	8.5	9.0	8.0	1.5	5.0	9.0	7.5	10.5	1.5
19	26.7	-	-	-	-	-	-	20.0	34.15	37.0	33.0	33	28	38	21.5	30.0	-	-	35.5	37.5	25	-	-	-	-	-	-	-	-	-	9.0	-	10.5	-
20	26.7	29	35	3	29.5	35.0	21.5	35.70	37.0	33.0	33	28	38	21.5	30.0	37.5	45	35.5	37.5	25	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
22	27.7	31	37	3	29.5	35.0	23.0	37.30	37.0	33.0	33	28	38	21.5	30.0	37.5	45	35.5	37.5	25	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
24	31.2	33	39	3	32.0	38.0	26.5	40.50	42.5	38.0	38	32	44	22.5	32.5	40.0	50	35.5	42.5	25	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
25	31.2	34	40	3	32.0	38.0	26.5	40.50	42.5	38.0	38	32	44	23.0	32.5	40.0	50	35.5	42.5	25	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	9.0	7.5	10.5	1.5
28	35.0	37	43	3	36.0	42.0	29.5	47.65	49.0	44.0	37	37	50	26.5	35.0	42.5	50	45.0	42.5	33	2.0	5	9.0	19.5	11.5	8.5	10.0	9.0	1.5	5.0	10.5	7.5	12.0	1.5
30	37.0	39	45	3	39.2	45.0	32.5	50.80	49.0	44.0	37	37	50	26.5	35.0	42.5	50	45.0	42.5	33	2.0	5	9.0	19.5	11.5	8.5	11.5	10.5	1.5	5.0	10.5	7.5	12.0	1.5
32	40.2	42	48	3	42.2	48.0	32.5	50.80	53.5	46.0	41	41	55	27.5	35.0	42.5	55	45.0	47.5	33	2.0	5	9.0	19.5	11.5	8.5	11.5	10.5	1.5	5.0	10.5	7.5	12.0	1.5
33	40.2	42	48	3	44.2	50.0	36.5	54.00	53.5	46.0	41	41	55	27.5	35.0	42.5	55	45.0	47.5	33	2.0	5	9.0	19.5	11.5	8.5	12.0	11.0	1.5	5.0	10.5	7.5	12.0	1.5
35	43.2	44	50	3	46.2	52.0	36.5	54.00	57.0	50.0	44	44	59	28.5	35.0	42.5	55	45.0	47.5	33	2.0	5	9.0	19.5	11.5	8.5	12.0	11.0	1.5	5.0	10.5	7.5	12.0	1.5
38	46.2	49	56	4	49.2	55.0	39.5	57.15	59.0	53.0	53	47	61	30.0	36.0	45.0	55	45.0	46.0	33	2.0	6	9.0	22.0	14.0	10.0	11.3	10.3	1.5	5.0	10.5	9.0	12.0	1.5
40	48.8	51	58	4	52.2	58.0	42.5	60.35	62.0	55.0	55	49	64	30.0	36.0	45.0	55	45.0	46.0	33	2.0	6	9.0	22.0	14.0	10.0	11.8	10.8	1.5	5.0	10.5	9.0	12.0	1.5
42	51.8	-	-	-	-	-	-	46.0	63.50	65.5	58.0	53	67	30.0	36.0	-	-	53.0	51.0	41	-	-	-	-	-	-	13.2	12.0	2.0	6.0	10.5	-	12.0	2.5
43	51.8	54	61	4	53.3	62.0	46.0	63.50	65.5	58.0	53	53	67	30.0	36.0	45.0	60	53.0	51.0	41	2.0	6	9.0	22.0	14.0	10.0	13.2	12.0	2.0	6.0	10.5	9.0	12.0	2.5
45	53.8	56	63	4	55.3	64.0	46.0	63.50	68.0	60.0	55	55	70	30.0	36.0	45.0	60	53.0	51.0	41	2.0	6	9.0	22.0	14.0	10.0	12.8	11.6	2.0	6.0	10.5	9.0	12.0	2.5
48	56.8	59	66	4	59.7	68.4	49.0	66.70	70.5	63.0	58	58	74	30.5	36.0	45.0	60	53.0	51.0	41	2.0	6	9.0	22.0	14.0	10.0	12.8	11.6	2.0	6.0	10.5	9.0	12.0	2.5
50	58.8	62	70	4	60.8	69.3	52.0	69.85	74.0	65.0	60	60	77	30.5	38.0	47.5	60	54.5	50.5	41	2.5	6	9.0	23.0	15.0	10.5	12.8	11.6	2.0	6.0	12.0	9.5	13.5	2.5
53	62.2	65	73	4	63.8	72.3	55.5	73.05	78.5	70.0	63	63	81	33.0	36.5	47.5	70	54.5	59.0	41	2.5	6	9.0	23.0	15.0	12.0	13.5	12.3	2.0	6.0	12.0	11.0	13.5	2.5
55	64.2	67	75	4	66.5	75.4	58.5	76.20	81.0	72.0	65	65	83	35.0	36.5	47.5	70	54.5	59.0	41	2.5	6	9.0	23.0	15.0	12.0	14.5	13.3	2.0	6.0	12.0	11.0	13.5	2.5
58	67.2	70	78	4	69.5	78.4	61.5	79.40	85.5	75.0	68	68	88	37.0	41.5	52.5	70	54.5	59.0	41	2.5	6	9.0	23.0	15.0	12.0	14.5	13.3	2.0	6.0	12.0	11.0	13.5	2.5
60	70.0	72	80	4	71.5	80.4	61.5	79.40	88.5	79.0	70	70	91	38.0	41.5	52.5	70	54.5	59.0	41	2.5	6	9.0	23.0	15.0	12.0	14.5	13.3	2.0	6.0	12.0	11.0	13.5	2.5
65	75.0	77	85	4	76.5	85.4	68.0	92.10	93.5	84.0	77	77	96	40.0	41.5	52.5	80	65.0	69.0	49	2.5	6	9.0	23.0	15.0	12.0	14.2	13.0	2.0	6.0	14.5	11.0	16.0	2.5
68	78.0	81	90	4	82.7	91.5	71.0	95.25	96.5	88.0	80	80	100	40.0	41.2	52.5	80	65.0	68.7	49	2.5	7	9.0	26.0	18.0	12.5	14.9	13.7	2.0	6.0	14.5	11.3	16.0	2.5
70	80.0	83	92	4	83.0	92.0	71.0	95.25	99.5	90.0	82	82	103	40.0	48.7	60.0	80	65.0	68.7	49	2.5	7	9.0	26.0	18.0	12.5	14.2	13.0	2.0	6.0	14.5	11.3	16.0	2.5
75	85.5	88	97	4	90.2	99.0	77.5	101.60	107.0	95.0	87	87	110	40.0	48.7	60.0	80	68.0	68.7	52	2.5	7	9.0	26.0	18.0	12.5	15.2	14.0	2.0	6.0	14.5	11.3	16.0	2.5
80	90.5	95	105	4	95.2	104.0	84.0	114.30	112.0	100.0	92	92	116	40.0	48.0	60.0	90	76.0	76.0	56	3.0	7	9.0	26.2	18.2	13.0	16.2	15.0	2.0	6.0	18.5	12.0	20.0	2.5
85	96.0	100	110	4	100.2	109.0	87.0	117.50	120.0	107.0	97	97	124	41.0	46.0	60.0	90	76.0	76.0	56	3.0	7	9.0	26.2	18.2	15.0	16.0	14.8	2.0	6.0	18.5	14.0	20.0	2.5
90	102.0	105	115	4	105.2	114.0	93.5	123.85	127.0	114.0	104	104	131	45.0	51.0	65.0	90	79.0	76.0	59	3.0	7	9.0	26.2	18.2	15.0	16.0	14.8	2.0	6.0	18.5	14.0	20.0	2.5
95	107.0	110	120	4	111.6	120.3	96.5	127.00	132.0	119.0	109	109	136	46.0	51.0	65.0	90	79.0	76.0	59	3.0	7	9.0	25.2	17.2	15.0	17.0	15.8	2.0	6.0	18.5	14.0	20.0	2.5
100	112.0	115	125	4	114.5	123.3	103.0	133.35	137.0	124.0	114	114	140	47.0	51.0	65.0	90	82.0	76.0	62	3.0	7	9.0	25.2	17.2	15.0	17.0	15.8	2.0	6.0	18.5	14.0	20.0	2.5



Parça Tanımlama

- ▶ 1,1-Döner Eleman
- ▶ 1,2-Kovan
- ▶ 1,3-Yay Baskı Pulu
- ▶ 1,4-Döner Elm. O-Ringi
- ▶ 1,5-Yaprak Yay
- ▶ 1,6-Setusukur
- ▶ 2-Sabit Eleman
- ▶ 3-Sabit Eleman O-Ringi

Teknik Özellikleri

- ▶ Tekli Salmastra
- ▶ Balanssız
- ▶ Dönme Yönüne Bağımsız

Çalışma Limitleri

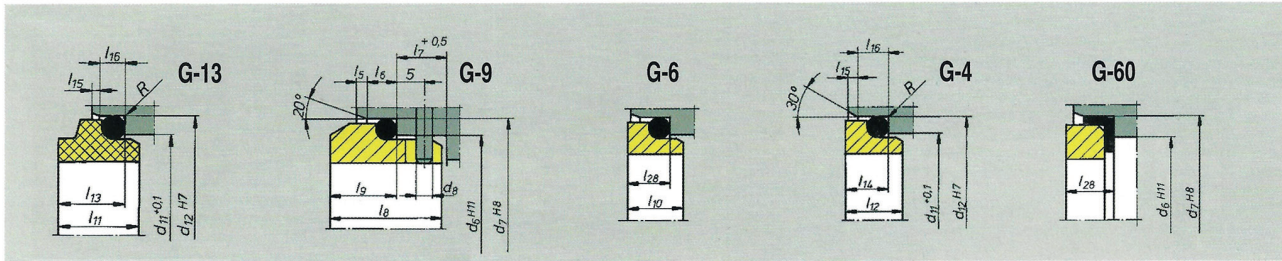
- ▶ $d_1 = 14 - 200 \text{ mm}$
- ▶ $p_1 = 16 (25) \text{ bar}$
- ▶ $t = -50 / 220 \text{ }^{\circ}\text{C}$
- ▶ $V_g = 20 \text{ m/sn}$

Malzemeler

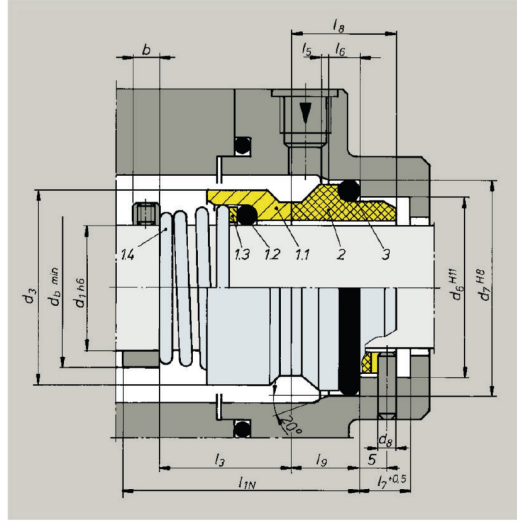
- ▶ Döner Eleman Yüzey Seçenekleri:
Krom-Nikel 316 ti, Silisyumkarbür,
Tungstenkarbür
- ▶ Sabit Eleman Yüzey Seçenekleri:
Karbon, Krom-Nikel 316 ti,
Silisyumkarbür, Tungstenkarbür
- ▶ Elastomerler : Viton (FKM), EPDM,
Nitril (NBR), Silikon

Sabit Eleman Seçenekleri

- ▶ G-13 G-9 G-6 G-4 G-60



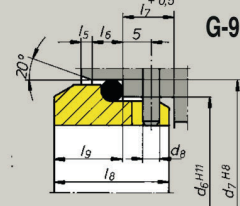
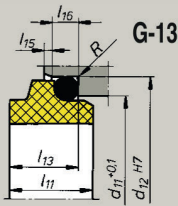
d ₁	d ₃	d ₆	d ₇	d ₈	d ₁₁	d ₁₂	d ₂₄	d ₃₁	d ₅	l _{1K}	l ₃	l ₅	l ₆	l ₇	l ₈	l ₉	l ₁₀	l ₁₁	l ₁₂	l ₁₃	l ₁₄	l ₁₅	l ₁₆	l ₂₈	b	f	f ₁	m _x
14*	25	21.0	25.0	3	20.5	24.6	16	-	34	35.0	25.0	1.5	4	8.5	17.5	10.0	7.5	10.0	6.5	7.6	5.6	1.2	3.8	6.6	4	6	-	M5
16*	27	23.0	27.0	3	22.0	28.0	18	-	36	35.0	25.0	1.5	4	8.5	17.5	10.0	7.5	11.5	8.5	9.0	7.5	1.2	3.8	6.6	4	6	-	M5
18*	33	27.0	33.0	3	24.0	30.0	20	32	38	37.5	26.0	2.0	5	9.0	19.5	11.5	8.5	12.5	9.0	10.0	8.0	1.5	5.0	7.5	5	7	3.5	M5
20*	35	29.0	35.0	3	29.5	35.0	22	34	40	37.5	26.0	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	5	7	3.5	M5
22*	37	31.0	37.0	3	29.5	35.0	24	36	42	37.5	26.0	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	6	7	3.5	M5
24*	39	33.0	39.0	3	32.0	38.0	26	38	44	40.0	28.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	6	8	3.5	M5
25*	40	34.0	40.0	3	32.0	38.0	27	39	45	40.0	28.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	7.5	6	8	3.5	M5
28*	43	37.0	43.0	3	36.0	42.0	30	42	47	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.0	10.0	11.0	9.0	1.5	5.0	7.5	6	8	4.0	M6
30*	45	39.0	45.0	3	39.2	45.0	32	44	49	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	7.5	6	8	4.0	M6
32*	47	42.0	48.0	3	42.2	48.0	34	46	51	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	7.5	6	8	4.0	M6
33*	48	42.0	48.0	3	44.2	50.0	35	47	51	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.5	12.0	11.5	10.5	1.5	5.0	7.5	6	8	4.0	M6
35*	50	44.0	50.0	3	46.2	52.0	37	49	54	42.5	31.0	2.0	5	9.0	19.5	11.5	8.5	14.5	12.0	11.5	11.0	1.5	5.0	7.5	6	8	4.0	M6
38*	55	49.0	56.0	4	49.2	55.0	40	54	59	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	14.5	11.3	11.5	10.3	1.5	5.0	9.0	6	8	4.0	M6
40*	57	51.0	58.0	4	52.2	58.0	42	56	61	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	14.5	11.8	11.5	10.8	1.5	5.0	9.0	6	8	4.0	M6
43*	60	54.0	61.0	4	53.3	62.0	45	59	65	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	17.0	13.2	14.3	11.6	2.0	6.0	9.0	6	8	4.0	M6
45*	62	56.0	63.0	4	55.3	64.0	47	61	66	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	9.0	6	8	4.0	M6
48*	65	59.0	66.0	4	59.7	68.4	50	64	69	45.0	31.0	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	9.0	6	8	4.0	M6
50*	67	62.0	70.0	4	60.8	69.3	52	66	71	47.5	32.5	2.5	6	9.0	23.0	15.0	10.5	17.0	12.8	14.3	11.6	2.0	6.0	9.5	6	8	4.5	M6
53*	70	65.0	73.0	4	63.8	72.4	55	69	75	47.5	32.5	2.5	6	9.0	23.0	15.0	12.0	17.0	13.5	14.3	12.3	2.0	6.0	11.0	6	8	4.5	M6
55*	72	67.0	75.0	4	66.5	75.4	57	71	76	47.5	32.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	11.0	6	8	4.5	M6
58*	79	70.0	78.0	4	69.5	78.4	60	78	83	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	11.0	8	9	5.5	M8
60*	81	72.0	80.0	4	71.5	80.4	62	80	85	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	11.0	8	9	5.5	M8
63*	84	75.0	83.0	4	74.5	83.4	65	83	88	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.2	15.3	13.3	2.0	6.0	11.0	8	9	5.5	M8
65*	86	77.0	85.0	4	76.5	85.4	67	85	95	52.5	37.5	2.5	6	9.0	23.0	15.0	12.0	18.0	14.2	15.3	13.3	2.0	6.0	11.0	8	9	5.5	M8
68*	89	81.0	90.0	4	82.7	91.5	70	88	93	52.5	34.5	2.5	7	9.0	26.0	18.0	12.5	19.0	14.9	16.0	13.7	2.0	6.0	11.3	8	9	4.0	M8
70*	91	83.0	92.0	4	83.0	92.0	72	90	95	60.0	42.0	2.5	7	9.0	26.0	18.0	12.5	19.0	14.2	15.3	13.0	2.0	6.0	11.3	8	9	5.5	M8
75*	99	88.0	97.0	4	90.2	99.0	77	99	105	60.0	42.0	2.5	7	9.0	26.0	18.0	12.5	19.0	15.2	15.3	14.0	2.0	6.0	11.3	8	10	5.5	M8
80*	104	95.0	105.0	4	95.2	104.0	82	104	109	60.0	41.8	3.0	7	9.0	26.2	18.2	13.0	19.0	16.2	16.3	15.0	2.0	6.0	12.0	8	10	5.5	M8
85*	109	100.0	110.0	4	100.2	109.0	87	109	114	60.0	41.8	3.0	7	9.0	26.2	18.2	15.0	19.0	16.0	16.3	14.8	2.0	6.0	14.0	8	10	5.5	M8
90*	114	105.0	115.0	4	105.2	114.0	92	114	119	65.0	46.8	3.0	7	9.0	26.2	18.2	15.0	19.0	16.0	16.3	14.8	2.0	6.0	14.0	10	10	8.0	M8
95*	119	110.0	120.0	4	111.6	120.3	97	119	124	65.0	47.8	3.0	7	9.0	25.2	17.2	15.0	20.0	17.0	17.3	15.8	2.0	6.0	14.0	10	10	8.0	M8
100*	124	115.0	125.0	4	114.5	123.3	102	124	129	65.0	47.8	3.0	7	9.0	25.2	17.2	15.0	20.0	17.0	17.3	15.8	2.0	6.0	14.0	10	10	8.0	M8
105	138	122.2	134.3	5	-	-	108	-	143	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
110	143	128.2	140.3	5	-	-	113	-	148	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
115	148	136.2	148.3	5	-	-	118	-	153	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
120	153	138.2	150.3	5	-	-	123	-	158	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
125	158	142.2	154.3	5	-	-	128	-	163	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
130	163	146.2	158.3	5	-	-	133	-	168	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
135	168	152.2	164.3	5	-	-	138	-	173	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
140	173	156.2	168.3	5	-	-	143	-	178	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
145	178	161.2	173.3	5	-	-	148	-	183	67.0	47.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	10	10	-	M8
150	183	168.2	180.3	5	-	-	153	-	188	69.0	47.0	2.0	10	-	32.0	22.0	-	-	-	-	-	-	-	-	10	10	-	M8
155	191	173.2	185.3	5	-	-	158	-	196	80.0	56.0	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	12	12	-	M8
160	196	178.2	190.3	5	-	-	163	-	201	80.0	56.0	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	12	12	-	M8



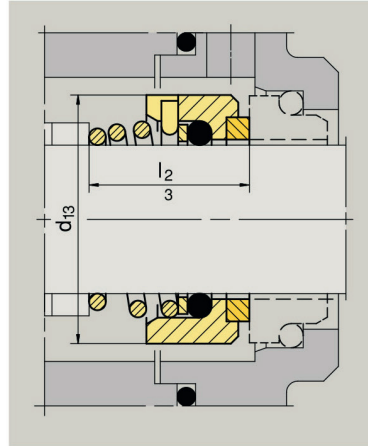
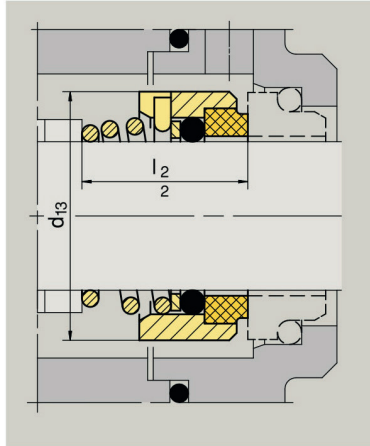
Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman	► Tekli Salmastra	► d1 = 6 - 80mm	► Döner Eleman Yüzey Seçenekleri:
► 1,2-Döner Eleman O-Ringi	► Balansız	► p = 10 bar	Krom-Nikel 316 ti
► 1,3-Baskı Pulu	► Konik Yaylı	► t = -50 / 220 °C	► Sabit Eleman Yüzey Seçenekleri:
► 1,4-Yay	► Dönme Yönüne	► Vg = 10 (15) m/sn	Karbon,
► 2-Sabit Eleman	► Bağımlı		► Elastomerler : Viton (FKM), EPDM,
► 3-Sabit Eleman O-Ringi			Nitril (NBR), Silikon

Sabit Eleman Seçenekleri

► G-13 G-9



d1	d3	d6	d7	d8	d11 ¹⁾	d12 ¹⁾	d13	db	l1N	l3	l5	l6	l7	l8	l9	l10	l11	l12	l13	l14	l15	l16	l21	l22	l23	l28	b ²⁾	R	
6	14	-	-	-	11.5	16.0	16	8	-	-	-	-	-	-	-	-	9.0	6.5	7.1	5.6	1.2	3.8	10.5	11.9	-	-	-	1.2	
8	18	-	-	-	15.5	19.2	18	11	-	-	-	-	-	-	-	-	9.0	8.0	7.1	7.0	1.2	3.8	15.5	16.9	-	-	-	1.2	
10*	19	17	21	3	15.5	19.2	20	13	40	15.5	1.5	4	8.5	17.5	10.0	7.5	9.0	7.5	7.1	6.6	1.2	3.8	15.5	16.9	-	6.6	(8)	1.2	
12*	21	19	23	3	17.5	21.6	22	16	40	16.0	1.5	4	8.5	17.5	10.0	7.5	10.0	6.5	7.6	5.6	1.2	3.8	15.5	17.4	-	6.6	(8)	1.2	
14*	23	21	25	3	20.5	24.6	24	18	40	16.5	1.5	4	8.5	17.5	10.0	7.5	10.0	6.5	7.6	5.6	1.2	3.8	15.5	17.4	16.5	6.6	(8)	1.2	
15	24	-	-	-	20.5	24.6	25	19	-	-	-	-	-	-	-	-	11.0	7.5	8.6	6.6	1.2	3.8	15.5	17.4	-	-	-	1.2	
16*	26	23	27	3	22.0	28.0	26	21	40	18.0	1.5	4	8.5	17.5	10.0	7.5	11.5	8.5	9.0	7.5	1.5	5.0	17.5	19.5	16.5	6.6	(8)	1.5	
18*	29	27	33	3	24.0	30.0	31	23	45	19.5	2.0	5	9.0	19.5	11.5	8.5	12.5	9.0	10.0	8.0	1.5	5.0	18.5	20.5	18.0	7.5	(8)	1.5	
20*	31	29	35	3	29.5	35.0	34	26	45	22.0	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	20.0	22.0	19.0	7.5	(8)	1.5	
22*	33	31	37	3	29.5	35.0	36	28	45	21.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	21.5	23.5	20.5	7.5	(8)	1.5	
24*	35	33	39	3	32.0	38.0	38	30	50	23.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	23.0	25.0	22.0	7.5	(8)	1.5	
25*	36	34	40	3	32.0	38.0	39	31	50	26.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	24.5	26.5	23.5	7.5	(8)	1.5	
26	37	-	-	-	34.0	40.0	40	32	-	-	-	-	-	-	-	-	13.0	9.0	10.0	8.0	1.5	5.0	24.5	26.5	23.5	-	-	1.5	
28*	40	37	43	3	36.0	42.0	42	35	50	26.5	2.0	5	9.0	19.5	11.5	8.5	14.0	10.0	11.0	9.0	1.5	5.0	24.5	26.5	24.5	7.5	(8)	1.5	
30*	43	39	45	3	39.2	45.0	44	37	50	26.5	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	24.5	25.0	24.5	7.5	(8)	1.5	
32*	46	42	48	3	42.2	48.0	46	39	55	28.5	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	28.0	28.5	28.0	7.5	(8)	1.5	
33*	47	42	48	3	-	-	47	40	55	28.5	2.0	5	9.0	19.5	11.5	8.5	-	12.0	-	-	-	-	-	-	-	-	7.5	(8)	1.5
35*	49	44	50	3	46.2	52.0	49	43	55	28.5	2.0	5	9.0	19.5	11.5	8.5	14.5	12.0	11.5	11.0	1.5	5.0	28.0	28.5	28.0	7.5	(8)	1.5	
38*	53	49	56	4	49.2	55.0	54	45	55	33.5	2.0	6	9.0	22.0	14.0	10.0	14.5	11.3	11.5	10.3	1.5	5.0	31.0	32.2	31.0	9.0	7.5	1.5	
40*	56	51	58	4	52.2	58.0	56	49	55	36.0	2.0	6	9.0	22.0	14.0	10.0	14.5	11.8	11.5	10.8	1.5	5.0	34.0	34.7	34.0	9.0	(8)	1.5	
42	59	-	-	-	53.3	62.0	58	52	-	-	-	-	-	-	-	-	17.0	13.2	14.3	12.0	2.0	6.0	35.0	37.3	35.0	-	-	2.5	
43*	59	54	61	4	-	-	59	52	60	38.5	2.0	6	9.0	22.0	14.0	10.0	-	13.2	-	-	2.0	-	-	-	-	-	9.0	7.5	2.5
45*	61	56	63	4	55.3	64.0	61	55	60	39.5	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	36.5	39.2	36.5	9.0	(8)	2.5	
48*	64	59	66	4	59.7	68.4	64	58	60	46.0	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	42.0	44.7	42.0	9.0	(8)	2.5	
50*	66	62	70	4	60.8	69.3	66	61	60	45.0	2.5	6	9.0	23.0	15.0	10.5	17.0	12.8	14.3	11.6	2.0	6.0	43.0	45.7	43.0	9.5	(8)	2.5	
53*	69	65	73	4	-	-	69	64	70	47.0	2.5	6	9.0	23.0	15.0	12.0	-	13.5	-	-	-	-	-	-	-	-	11.0	8.0	2.5
55*	71	67	75	4	66.5	75.4	71	66	70	49.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	47.0	49.0	47.0	11.0	(8)	2.5	
58*	76	70	78	4	69.5	78.4	78	69	70	55.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	50.0	52.0	50.0	11.0	(8)	2.5	
60*	78	72	80	4	71.5	80.4	79	71	70	55.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	51.0	55.0	51.0	11.0	(8)	2.5	
63*	83	75	83	4	-	-	83	74	70	55.0	2.5	6	9.0	23.0	15.0	12.0	-	14.2	-	-	-	-	-	-	-	-	11.0	(8)	2.5
65*	84	77	85	4	76.5	85.4	85	77	80	55.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.2	15.3	13.0	2.0	6.0	52.0	54.3	52.0	11.0	(8)	2.5	
68*	88	81	90	4	82.7	91.5	88	80	80	55.0	2.5	7	9.0	26.0	18.0	12.5	19.0	14.9	16.0	13.7	2.0	6.0	53.0	55.3	52.7	11.3	(8)	2.5	
70*	90	83	92	4	83.0	92.0	90	83	80	57.0	2.5	7	9.0	26.0	18.0	12.5	18.0	14.2	15.3	13.0	2.0	6.0	54.0	56.3	54.0	11.3	(10)	2.5	
75*	98	88	97	4	90.2	99.0	98	88	80	62.0	2.5	7	9.0	26.0	18.0	12.5	18.0	15.2	15.3	14.0	2.0	6.0	55.0	56.3	54.0	11.3	(10)	2.5	
80*	100	95	105	4	95.2	104.0	103	93	90	61.8	3.0	7	9.0	26.2	18.2	13.0	19.0	16.2	16.3	15.0	2.0	6.0	58.0	59.3	58.0	12.0	10.0	2.5	



Parça Tanımlama

- 1+5-Sıkı Geçme
Yüzeyi ve Kovanı
- 2-Döner Elm. O-Ringi
- 3-Konik Yay
- 4-Baskı Pulu
- 6-Sabit Eleman
- 7-Sabit Eleman O-Ringi

Teknik Özellikleri

- Tekli Salmastra
- Balanssız
- Konik Yaylı
- Dönme Yönüne
Bağımlı

Çalışma Limitleri

- d1 = 6 - 80mm
- p = 10 bar
- t = -50 / 220 °C
- Vg = 20 m/sn

Malzemeler

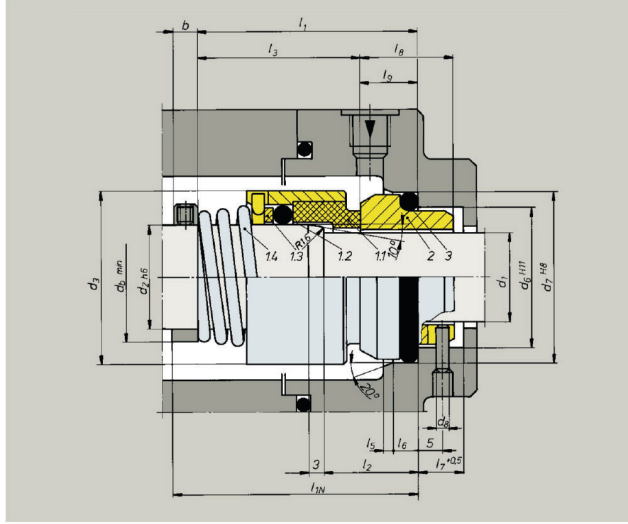
- Döner Eleman Yüzey Seçenekleri:
Karbon, Silisyumkarbür,
Tungstenkarbür
- Sabit Eleman Yüzey Seçenekleri:
Krom-Nikel 316 ti, Seramik,
Silisyumkarbür, Tungstenkarbür
- Elastomerler : Viton (FKM), EPDM,
Nitril (NBR), Silikon

Sabit Eleman Seçenekleri

- G-9 G-13 G-60 G-6 G-4



d1	d3	d6	d7	d8	d11 ¹⁾	d12 ¹⁾	d13	d8	l1N	l3	l5	l6	l7	l8	l9	l10	l11	l12	l13	l14	l15	l16	l21	l22	l23	l28	b ²⁾	R
6	14	-	-	-	11.5	16.0	16	8	-	-	-	-	-	-	-	-	9.0	6.5	7.1	5.6	1.2	3.8	10.5	11.9	-	-	-	1.2
8	18	-	-	-	15.5	19.2	18	11	-	-	-	-	-	-	-	-	9.0	8.0	7.1	7.0	1.2	3.8	15.5	16.9	-	-	-	1.2
10*	19	17	21	3	15.5	19.2	20	13	40	15.5	1.5	4	8.5	17.5	10.0	7.5	9.0	7.5	7.1	6.6	1.2	3.8	15.5	16.9	-	6.6	(8)	1.2
12*	21	19	23	3	17.5	21.6	22	16	40	16.0	1.5	4	8.5	17.5	10.0	7.5	10.0	6.5	7.6	5.6	1.2	3.8	15.5	17.4	-	6.6	(8)	1.2
14*	23	21	25	3	20.5	24.6	24	18	40	16.5	1.5	4	8.5	17.5	10.0	7.5	10.0	6.5	7.6	5.6	1.2	3.8	15.5	17.4	16.5	6.6	(8)	1.2
15	24	-	-	-	20.5	24.6	25	19	-	-	-	-	-	-	-	-	11.0	7.5	8.6	6.6	1.2	3.8	15.5	17.4	-	-	-	1.2
16*	26	23	27	3	22.0	28.0	26	21	40	18.0	1.5	4	8.5	17.5	10.0	7.5	11.5	8.5	9.0	7.5	1.5	5.0	17.5	19.5	16.5	6.6	(8)	1.5
18*	29	27	33	3	24.0	30.0	31	23	45	19.5	2.0	5	9.0	19.5	11.5	8.5	12.5	9.0	10.0	8.0	1.5	5.0	18.5	20.5	18.0	7.5	(8)	1.5
20*	31	29	35	3	29.5	35.0	34	26	45	22.0	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	20.0	22.0	19.0	7.5	(8)	1.5
22*	33	31	37	3	29.5	35.0	36	28	45	21.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	21.5	23.5	20.5	7.5	(8)	1.5
24*	35	33	39	3	32.0	38.0	38	30	50	23.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	23.0	25.0	22.0	7.5	(8)	1.5
25*	36	34	40	3	32.0	38.0	39	31	50	26.5	2.0	5	9.0	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5.0	24.5	26.5	23.5	7.5	(8)	1.5
26	37	-	-	-	34.0	40.0	40	32	-	-	-	-	-	-	-	-	13.0	9.0	10.0	8.0	1.5	5.0	24.5	26.5	23.5	-	-	1.5
28*	40	37	43	3	36.0	42.0	42	35	50	26.5	2.0	5	9.0	19.5	11.5	8.5	14.0	10.0	11.0	9.0	1.5	5.0	24.5	26.5	24.5	7.5	(8)	1.5
30*	43	39	45	3	39.2	45.0	44	37	50	26.5	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	24.5	25.0	24.5	7.5	(8)	1.5
32*	46	42	48	3	42.2	48.0	46	39	55	28.5	2.0	5	9.0	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5.0	28.0	28.5	28.0	7.5	(8)	1.5
33*	47	42	48	3	-	-	47	40	55	28.5	2.0	5	9.0	19.5	11.5	8.5	-	12.0	-	-	-	-	-	-	-	7.5	(8)	1.5
35*	49	44	50	3	46.2	52.0	49	43	55	28.5	2.0	5	9.0	19.5	11.5	8.5	14.5	12.0	11.5	11.0	1.5	5.0	28.0	28.5	28.0	7.5	(8)	1.5
38*	53	49	56	4	49.2	55.0	54	45	55	33.5	2.0	6	9.0	22.0	14.0	10.0	14.5	11.3	11.5	10.3	1.5	5.0	31.0	32.2	31.0	9.0	7.5	1.5
40*	56	51	58	4	52.2	58.0	56	49	55	36.0	2.0	6	9.0	22.0	14.0	10.0	14.5	11.8	11.5	10.8	1.5	5.0	34.0	34.7	34.0	9.0	(8)	1.5
42	59	-	-	-	53.3	62.0	58	52	-	-	-	-	-	-	-	-	17.0	13.2	14.3	12.0	2.0	6.0	35.0	37.3	35.0	-	-	2.5
43*	59	54	61	4	-	-	59	52	60	38.5	2.0	6	9.0	22.0	14.0	10.0	-	13.2	-	-	-	-	-	-	-	9.0	7.5	2.5
45*	61	56	63	4	55.3	64.0	61	55	60	39.5	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	36.5	39.2	36.5	9.0	(8)	2.5
48*	64	59	66	4	59.7	68.4	64	58	60	46.0	2.0	6	9.0	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6.0	42.0	44.7	42.0	9.0	(8)	2.5
50*	66	62	70	4	60.8	69.3	66	61	60	45.0	2.5	6	9.0	23.0	15.0	10.5	17.0	12.8	14.3	11.6	2.0	6.0	43.0	45.7	43.0	9.5	(8)	2.5
53*	69	65	73	4	-	-	69	64	70	47.0	2.5	6	9.0	23.0	15.0	12.0	-	13.5	-	-	-	-	-	-	-	11.0	8.0	2.5
55*	71	67	75	4	66.5	75.4	71	66	70	49.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	47.0	49.0	47.0	11.0	(8)	2.5
58*	76	70	78	4	69.5	78.4	78	69	70	55.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	50.0	52.0	50.0	11.0	(8)	2.5
60*	78	72	80	4	71.5	80.4	79	71	70	55.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6.0	51.0	55.0	51.0	11.0	(8)	2.5
63*	83	75	83	4	-	-	83	74	70	55.0	2.5	6	9.0	23.0	15.0	12.0	-	14.2	-	-	-	-	-	-	-	11.0	(8)	2.5
65*	84	77	85	4	76.5	85.4	85	77	80	55.0	2.5	6	9.0	23.0	15.0	12.0	18.0	14.2	15.3	13.0	2.0	6.0	52.0	54.3	52.0	11.0	(8)	2.5
68*	88	81	90	4	82.7	91.5	88	80	80	55.0	2.5	7	9.0	26.0	18.0	12.5	19.0	14.9	16.0	13.7	2.0	6.0	53.0	55.3	52.7	11.3	(8)	2.5
70*	90	83	92	4	83.0	92.0	90	83	80	57.0	2.5	7	9.0	26.0	18.0	12.5	18.0	14.2	15.3	13.0	2.0	6.0	54.0	56.3	54.0	11.3	(10)	2.5
75*	98	88	97	4	90.2	99.0	98	88	80	62.0	2.5	7	9.0	26.0	18.0	12.5	18.0	15.2	15.3	14.0	2.0	6.0	55.0	56.3	54.0	11.3	(10)	2.5
80*	100	95	105	4	95.2	104.0	103	93	90	61.8	3.0	7	9.0	26.2	18.2	13.0	19.0	16.2	16.3	15.0	2.0	6.0	58.0	59.3	58.0	12.0	10.0	2.5



Parça Tanımlama

- 1,1-Sıkı Geçme Karbon Yüzeyi ve Kovanı
- 1,2-Döner Eleman O-Ringi
- 1,3-Baskı Pulu
- 1,4-Yay
- 2-Sabit Eleman
- 3-Sabit Eleman O-Ringi

Teknik Özellikleri

- Tekli Salmastra
- Balanslı
- Konik Yaylı
- Dönme Yönüne Bağımlı

Çalışma Limitleri

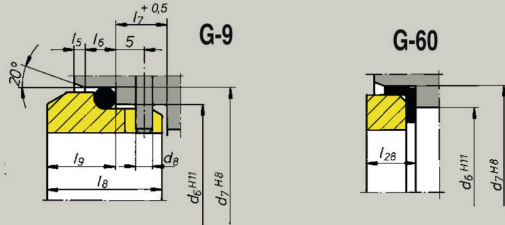
- $d_1 = 10 - 80\text{mm}$
- $p = 25\text{ bar}$
- $t = -50 / 220\text{ }^{\circ}\text{C}$
- $V_g = 20\text{ m/sn}$

Malzemeler

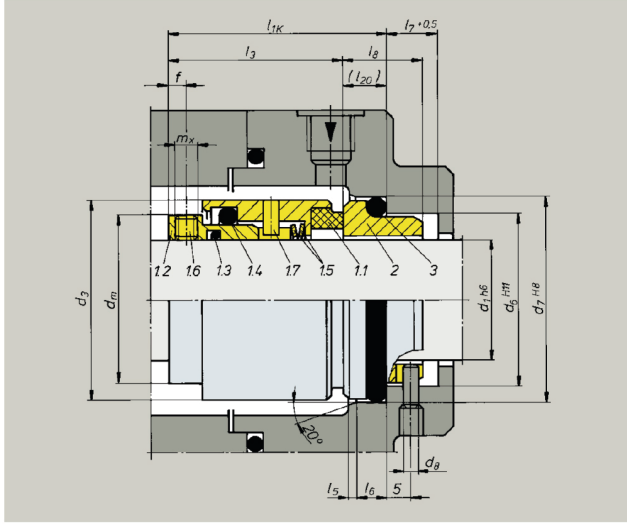
- Döner Eleman Yüzey Seçenekleri: Karbon Ring Geçme
- Sabit Eleman Yüzey Seçenekleri: Krom-Nikel 316 ti, Seramik, Silisyumkarbür, Tungstenkarbür
- Elastomerler : Viton (FKM), EPDM, Nitril (NBR), Silikon

Sabit Eleman Seçenekleri

- G-9 G-60



d1	d2	d3	d6	d7	d8	db	l1N	l1	l2	l3	l5	l6	l7	l8	l9	b2)
10	14	24	17	21	3	18	50	35.5	18	25.5	1.5	4	8.5	17.5	10.0	8.0
12	16	26	19	23	3	21	50	36.5	18	26.5	1.5	4	8.5	17.5	10.0	8.0
14	18	31	21	25	3	23	55	39.5	18	29.5	1.5	4	8.5	17.5	10.0	8.0
16	20	34	23	27	3	26	55	41.0	18	31.0	1.5	4	8.5	17.5	10.0	8.0
18	22	36	27	33	3	28	55	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
20	24	38	29	35	3	30	60	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
22	26	40	31	37	3	31	60	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
24	28	42	33	39	3	35	60	44.0	20	32.5	2.0	5	9.0	19.5	11.5	8.0
25	30	44	34	40	3	37	60	45.0	20	33.5	2.0	5	9.0	19.5	11.5	8.0
28	33	47	37	43	3	40	65	47.0	20	35.5	2.0	5	9.0	19.5	11.5	8.0
30	35	49	39	45	3	43	65	47.0	20	35.5	2.0	5	9.0	19.5	11.5	8.0
32	38	54	42	48	3	45	65	51.0	20	39.5	2.0	5	9.0	19.5	11.5	7.5
33	38	54	42	48	3	45	65	51.0	20	39.5	2.0	5	9.0	19.5	11.5	7.5
35	40	56	44	50	3	49	65	55.0	20	43.5	2.0	5	9.0	19.5	11.5	8.0
38	43	59	49	56	4	52	75	60.0	23	46.0	2.0	6	9.0	22.0	14.0	7.5
40	45	61	51	58	4	55	75	62.0	23	48.0	2.0	6	9.0	22.0	14.0	8.0
43	48	64	54	61	4	58	75	65.0	23	51.0	2.0	6	9.0	22.0	14.0	8.0
45	50	66	56	63	4	61	75	69.0	23	55.0	2.0	6	9.0	22.0	14.0	(8)
48	53	69	59	66	4	64	85	69.0	23	55.0	2.0	6	9.0	22.0	14.0	8.0
50	55	71	62	70	4	66	85	73.0	25	58.0	2.5	6	9.0	23.0	15.0	8.0
53	58	78	65	73	4	69	85	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
55	60	79	67	75	4	71	85	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
58	63	83	70	78	4	74	85	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
60	65	85	72	80	4	77	95	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
63	68	88	75	83	4	80	95	75.0	25	60.0	2.5	6	9.0	23.0	15.0	8.0
65	70	90	77	85	4	83	95	76.0	25	61.0	2.5	6	9.0	23.0	15.0	10.0
68 ¹⁾																
70	75	98	83	92	4	88	95	81.0	28	63.0	2.5	7	9.0	26.0	18.0	10.0
75	80	103	88	97	4	93	105	86.0	28	68.0	2.5	7	9.0	26.0	18.0	10.0
80	85	109	95	105	4	98	105	86.0	28	68.0	3.0	7	9.0	26.2	18.2	10.0



Parça Tanımlama

- 1,1-Sıkı Geçme Yüzeyi ve Kovanı
- 1,2-Baskı Bileziği
- 1,3-O-Ring
- 1,4-O-Ring
- 1,5-Yay
- 1,6-Setusukur
- 2-Sabit Eleman
- 3-Sabit Eleman O-Ringi

Teknik Özellikleri

- Tekli Salmastra
- Balanslı
- Yaprak Yay
- Dönme Yönüne Bağımsız

Çalışma Limitleri

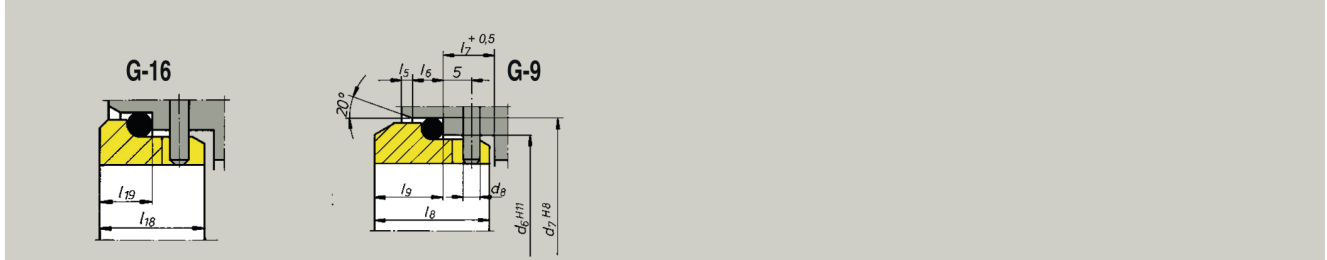
- $d_1 = 18 - 100\text{mm}$
- $p = 0.8 - 25 \text{ bar}$
- $t = -50 / 220 \text{ } ^\circ\text{C}$
- $V_g = 20 \text{ m/sn}$

Malzemeler

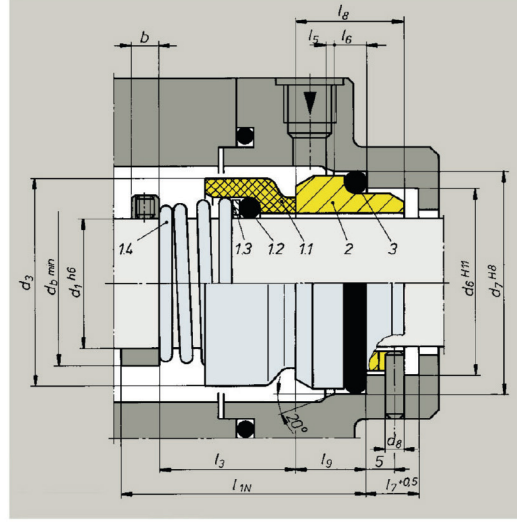
- Döner Eleman Yüzey Seçenekleri: Karbon, Silisyumkarbür, Tungstenkarbür
- Sabit Eleman Yüzey Seçenekleri: Krom-Nikel 316 ti, Seramik, Silisyumkarbür, Tungstenkarbür
- Elastomerler : Viton (FKM), EPDM, Nitril (NBR), Silikon

Sabit Eleman Seçenekleri

- G-16 G-9



d ₁	d ₃	d ₆	d ₇	d ₈	d _m	l _{1K}	l ₃	l ₅	l ₆	l ₇	l ₈	l ₂₀	l ₁₁ ¹⁾	l ₁₂ ²⁾	l ₁₃	l ₁₈	l ₁₉	f	m _x
18	32	27	33	3	26.0	37.5	30.5	2.0	5	9	15.0	7.0	39.5	35.5	28.5	17.0	9.0	3.0	M4
20	34	29	35	3	28.0	37.5	30.5	2.0	5	9	15.0	7.0	39.5	35.5	28.5	17.0	9.0	3.0	M4
22	36	31	37	3	30.0	37.5	30.5	2.0	5	9	15.0	7.0	39.5	35.5	28.5	17.0	9.0	3.0	M4
24	38	33	39	3	32.5	40.0	33.0	2.0	5	9	15.0	7.0	42.0	38.0	31.0	17.0	9.0	3.5	M5
25	39	34	40	3	33.5	40.0	33.0	2.0	5	9	15.0	7.0	42.0	38.0	31.0	17.0	9.0	3.5	M5
28	42	37	43	3	36.5	42.5	35.5	2.0	5	9	15.0	7.0	45.0	40.0	33.0	17.5	9.5	3.5	M5
30	44	39	45	3	38.5	42.5	35.5	2.0	5	9	15.0	7.0	45.0	40.0	33.0	17.5	9.5	3.5	M5
32	47	42	48	3	41.5	42.5	35.5	2.0	5	9	15.0	7.0	45.0	40.0	33.0	17.5	9.5	3.5	M5
33	47	42	48	3	41.5	42.5	35.5	2.0	5	9	15.0	7.0	45.0	40.0	33.0	17.5	9.5	3.5	M5
35	49	44	50	3	43.5	42.5	35.5	2.0	5	9	15.0	7.0	45.0	40.0	33.0	17.5	9.5	3.5	M5
38	54	49	56	4	47.5	45.0	37.0	2.0	6	9	16.0	8.0	47.5	42.5	34.5	18.5	10.5	4.0	M5
40	56	51	58	4	49.5	45.0	37.0	2.0	6	9	16.0	8.0	47.5	42.5	34.5	18.5	10.5	4.0	M5
43	59	54	61	4	52.5	45.0	37.0	2.0	6	9	16.0	8.0	47.5	42.5	34.5	18.5	10.5	4.0	M5
45	61	56	63	4	54.5	45.0	37.0	2.0	6	9	16.0	8.0	47.5	42.5	34.5	18.5	10.5	4.0	M5
48	64	59	66	4	57.5	45.0	37.0	2.0	6	9	16.0	8.0	47.5	42.5	34.5	18.5	10.5	4.0	M5
50	66	62	70	4	59.5	47.5	38.0	2.5	6	9	17.0	9.5	50.0	45.0	35.5	19.5	12.0	4.5	M6
53	69	65	73	4	62.5	47.5	38.0	2.5	6	9	17.0	9.5	50.0	45.0	35.5	19.5	12.0	4.5	M6
55	71	67	75	4	64.5	47.5	38.0	2.5	6	9	17.0	9.5	50.0	45.0	35.5	19.5	12.0	4.5	M6
58	78	70	78	4	68.5	52.5	42.0	2.5	6	9	18.0	10.5	55.0	50.0	39.5	20.5	13.0	4.5	M6
60	80	72	80	4	70.5	52.5	42.0	2.5	6	9	18.0	10.5	55.0	50.0	39.5	20.5	13.0	4.5	M6
63	83	75	83	4	73.5	52.5	42.0	2.5	6	9	18.0	10.5	55.0	50.0	39.5	20.5	13.0	4.5	M6
65	85	77	85	4	75.5	52.5	42.0	2.5	6	9	18.0	10.5	55.0	50.0	39.5	20.5	13.0	4.5	M6
68	88	81	90	4	78.5	52.5	41.5	2.5	7	9	18.5	11.0	55.0	50.0	39.0	21.0	13.5	4.5	M6
70	90	83	92	4	80.5	60.0	48.5	2.5	7	9	19.0	11.5	62.5	57.5	46.0	21.5	14.0	5.0	M6
75	99	88	97	4	89.0	60.0	48.5	2.5	7	9	19.0	11.5	62.5	57.5	46.0	21.5	14.0	5.5	M8
80	104	95	105	4	94.0	60.0	48.5	3.0	7	9	19.0	11.5	62.5	57.5	46.0	21.5	14.0	5.5	M8
85	109	100	110	4	99.0	60.0	48.5	3.0	7	9	19.0	11.5	62.5	57.5	46.0	21.5	14.0	5.5	M8
90	114	105	115	4	104.0	65.0	52.0	3.0	7	9	20.5	13.0	67.5	62.5	49.5	23.0	15.5	5.5	M8
95	119	110	120	4	109.0	65.0	52.0	3.0	7	9	20.5	13.0	67.5	62.5	49.5	23.0	15.5	5.5	M8
100	124	115	125	4	114.0	65.0	52.0	3.0	7	9	20.5	13.0	67.5	62.5	49.5	23.0	15.5	5.5	M8



Parça Tanımlama

- 1,1-Döner Eleman Karbon
- 1,2-Döner Eleman O-Ringi
- 1,3-Baskı Pulu
- 1,4-Yay
- 2-Sabit Eleman
- 3-Sabit Eleman O-Ringi

Teknik Özellikleri

- Tekli Salmastra
- Balansız
- Konik Yaylı
- Dönme Yönüne Bağımlı

Çalışma Limitleri

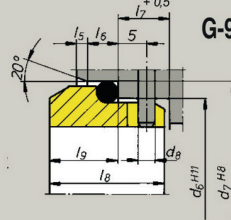
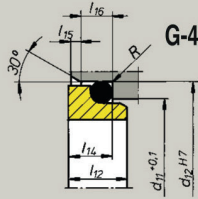
- $d_1 = 6 - 38\text{mm}$
- $p = 10\text{ bar}$
- $t = -50 / 220\text{ }^{\circ}\text{C}$
- $V_g = 15\text{ m/sn}$

Malzemeler

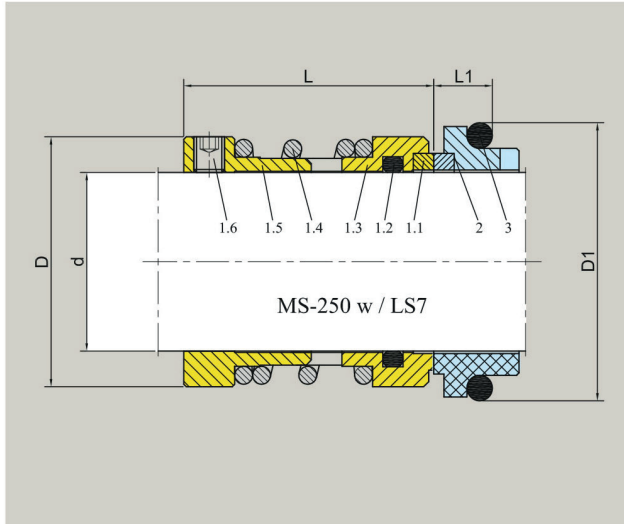
- Döner Eleman Yüzey Seçenekleri: Karbon
- Sabit Eleman Yüzey Seçenekleri: Krom-Nikel 316 ti, Seramik, Silisyumkarbür, Tungstenkarbür
- Elastomerler : Viton (FKM), EPDM, Nitril (NBR), Silikon

Sabit Eleman Seçenekleri

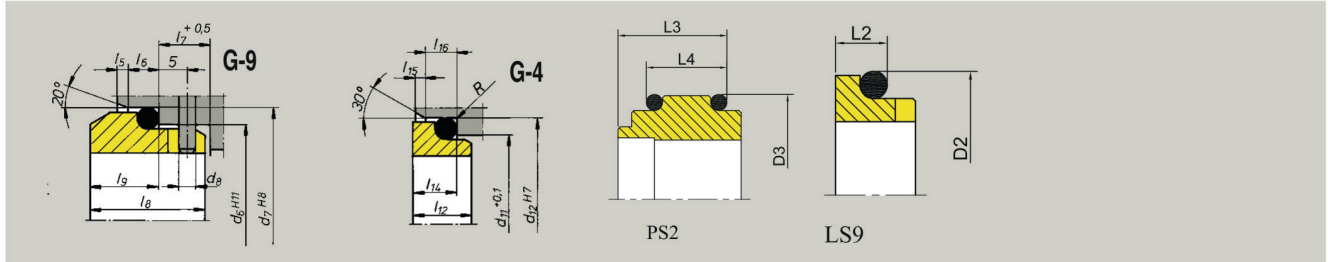
- G-4 G-6 G-9



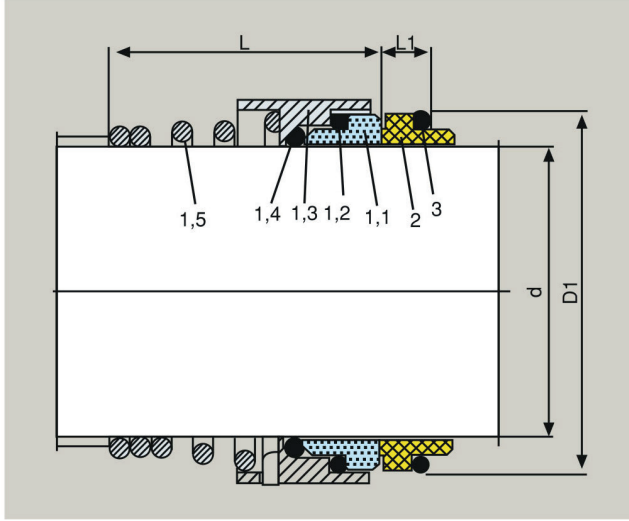
d_1	d_3	d_6	d_7	d_8	d_{11}	d_{12}	d_b	l_{1N}	l_3	l_5	l_6	l_7	l_8	l_9	l_{10}	l_{12}	l_{14}	l_{15}	l_{16}	l_{21}	l_{28}	b	R
6	15	-	-	-	11.8	16.0	8	-	-	-	-	-	-	-	-	6.5	5.6	1.2	3.8	10.9	-	-	1.2
8	18	-	-	-	15.5	19.2	11	-	-	-	-	-	-	-	-	8.0	7.0	1.2	3.8	15.5	-	-	1.2
10*	20	17	21	3	15.5	19.2	13	40	17.5	1.5	4	8.5	17.5	10.0	7.5	7.5	6.6	1.2	3.8	15.9	6.6	8	1.2
12*	22	19	23	3	17.5	21.6	16	40	17.5	1.5	4	8.5	17.5	10.0	7.5	8.0*	7.0*	1.2	3.8	16.0	6.6	8	1.2
14*	25	21	25	3	20.5	24.6	18	40	17.5	1.5	4	8.5	17.5	10.0	7.5	8.0*	7.0*	1.2	3.8	16.0	6.6	8	1.2
15	27	-	-	-	20.5	24.6	19	-	-	-	-	-	-	-	-	7.5	6.6	1.2	3.8	17.4	-	-	1.2
16*	27	23	27	3	22.0	28.0	21	40	19.5	1.5	4	8.5	17.5	10.0	7.5	8.5	7.5	1.5	5.0	19.0	6.6	8	1.5
18*	30	27	33	3	24.0	30.0	23	45	20.5	2.0	5	9.0	19.5	11.5	8.5	9.0	8.0	1.5	5.0	20.5	7.5	8	1.5
20*	32	29	35	3	29.5	35.0	26	45	22.0	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	22.0	7.5	8	1.5
22*	35	31	37	3	29.5	35.0	28	45	23.5	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	23.5	7.5	8	1.5
24*	38	33	39	3	32.0	38.0	30	50	25.0	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	25.0	7.5	8	1.5
25*	40	34	40	3	32.0	38.0	31	50	26.5	2.0	5	9.0	19.5	11.5	8.5	8.5	7.5	1.5	5.0	26.5	7.5	8	1.5
26	41	-	-	-	34.0	40.0	32	-	-	-	-	-	-	-	-	9.0	8.0	1.5	5.0	26.5	-	-	1.5
28*	43	37	43	3	36.0	42.0	35	50	26.5	2.0	5	9.0	19.5	11.5	8.5	10.0	9.0	1.5	5.0	26.5	7.5	8	1.5
30	47	-	-	-	39.2	45.0	37	-	-	-	-	-	-	-	-	11.5	10.5	1.5	5.0	25.0	-	-	1.5
32	48	-	-	-	42.2	48.0	39	-	-	-	-	-	-	-	-	13.0	10.5	1.5	5.0	28.5	-	-	1.5
35	53	-	-	-	46.2	52.0	43	-	-	-	-	-	-	-	-	13.5	11.0	1.5	5.0	28.5	-	-	1.5
38	56	-	-	-	49.2	55.0	47	-	-	-	-	-	-	-	-	13.0	10.3	1.5	5.0	32.0	-	-	1.5



Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman Yüzeyi ► 1,2-Döner Eleman O-Ringi ► 1,3-Döner Eleman Kovanı ► 1,4-Yay ► 1,5-Baskı Bileziği ► 1,6-Setusukur ► 2-Sabit Eleman ► 3-Sabit Eleman O-Ringi	► Tekli Salmastra ► Balanssız ► Dönme Yönüne Bağımsız	► $d_1 = 20 - 100\text{mm}$ ► $p = 12\text{ bar}$ ► $t = -35 / 220\text{ }^{\circ}\text{C}$ ► $V_g = 20\text{ m/sn}$	► Döner Eleman Yüzey Seçenekleri: Karbon, Silisyumkarbür, Tungstenkarbür ► Sabit Eleman Yüzey Seçenekleri: Krom-Nikel 316 ti, Seramik, Silisyumkarbür, Tungstenkarbür ► Elastomerler : Viton (FKM), EPDM, Nitril (NBR), Silikon
Sabit Eleman Seçenekleri ► G-9 G-4			



MS - 250				LS7				LS9				PS2			
d	d (in)	D	L	D1	L1	D2	L2	D3	L3	L4		D	d (in)	D	L
20	0.750	34	41	35	13	33.32	6.2	42	23	18		58	2.250	76	63
22	-	36	41	37	13	34.93	6.2	44	23	18		60	2.375	78	63
24	0.875	38	43	39	13	-	-	46	23	18		63	2.500	81	63
25	1.000	39	43	40	13	39.67	7.2	47	23	18		65	-	84	67
28	1.125	42	45	43	13	42.88	9.2	50	23	18		-	2.625	86	67
30	-	44	45	45	13	44.45	9.2	52	23	18		68	-	87	67
32	1.250	46	45	48	13	46.02	9.2	54	23	18		70	2.750	90	68
33	-	47	45	48	13	46.02	9.2	55	23	18		-	2.875	93	72
35	1.375	49	49	50	13	49.20	9.2	57	23	18		75	3.000	95	72
38	1.500	54	53	56	13	52.37	9.2	64	25	20		80	3.125	100	72
40	-	56	55	58	13	53.98	9.2	66	25	20		-	3.250	103	77
42	-	58	55	61	13	55.58	9.2	69	25	20		85	3.375	107	77
43	1.625	59	55	61	13	55.58	9.2	69	25	20		90	3.500	112	77
45	1.750	61	55	63	13	58.72	9.2	71	25	20		-	3.625	114	77
48	1.875	64	55	66	13	63.50	9.2	74	25	20		95	3.750	119	82
50	2.000	66	60	70	13	65.07	9.2	76	25	20		-	3.875	120	82
53	2.125	69	61	73	13	66.68	9.2	79	25	20		100	4.000	124	82
55	-	71	61	75	13	69.85	9.2	81	25	20					



Parça Tanımlama

- 1,1-Döner Eleman Yüzeyi
- 1,2-Döner Eleman O-Ringi
- 1,3-Döner Eleman Kovanı
- 1,4-O-Ring
- 1,5-Yay
- 2-Sabit Eleman
- 3-Sabit Eleman O-Ringi

Teknik Özellikleri

- Tekli Salmastra
- Balanssız
- Dönme Yönüne Bağımlı

Çalışma Limitleri

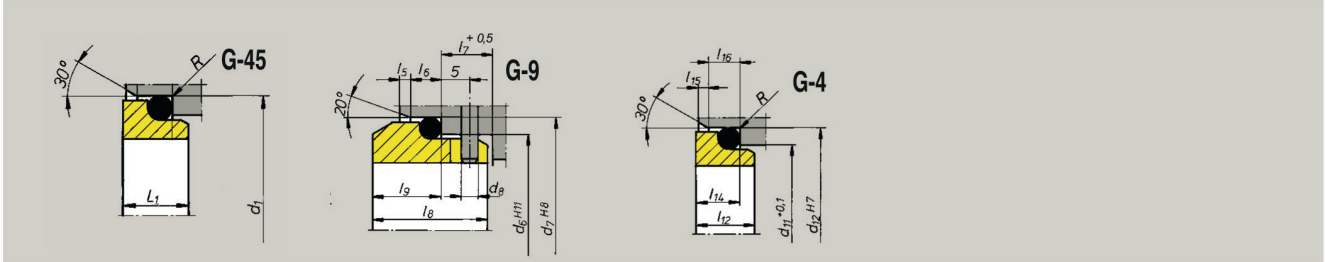
- $d_1 = 14 - 150\text{mm}$
- $p = 10\text{ bar}$
- $t = -50 / 220\text{ }^{\circ}\text{C}$
- $V_g = 20\text{ m/sn}$

Malzemeler

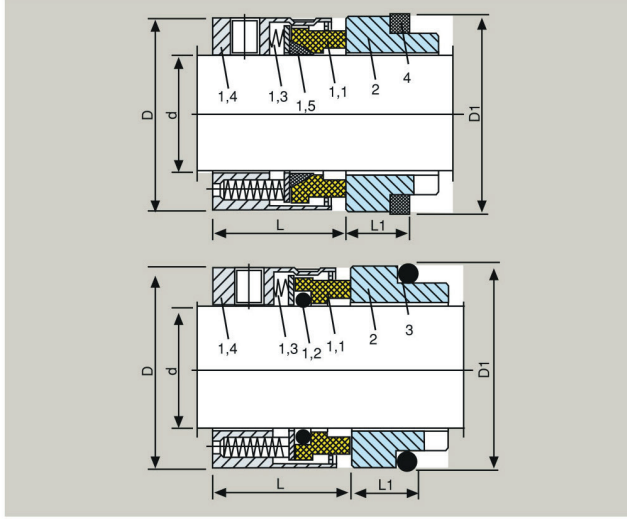
- Döner Eleman Yüzey Seçenekleri: Karbon, Seramik, Silisyumkarbür, Tungstenkarbür, Krom-Nikel 316 ti
- Sabit Eleman Yüzey Seçenekleri: Krom-Nikel 316 ti, Seramik, Karbon, Silisyumkarbür, Tungstenkarbür
- Elastomerler : Viton (FKM), EPDM, Nitril (NBR), Silikon

Sabit Eleman Seçenekleri

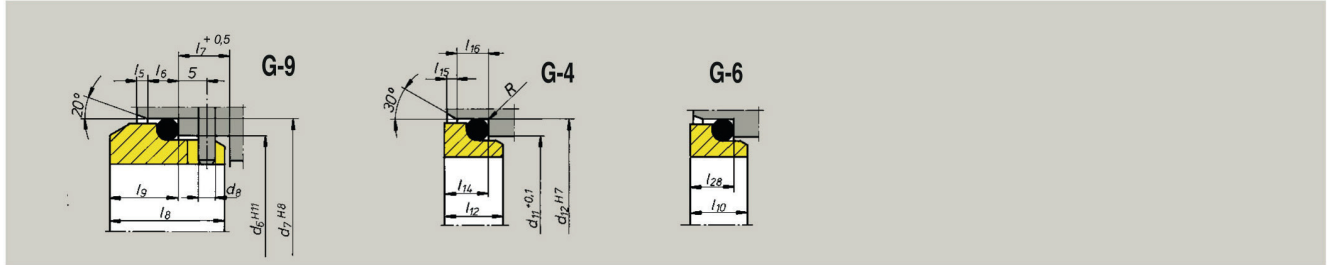
- G-45 G-9 G-4



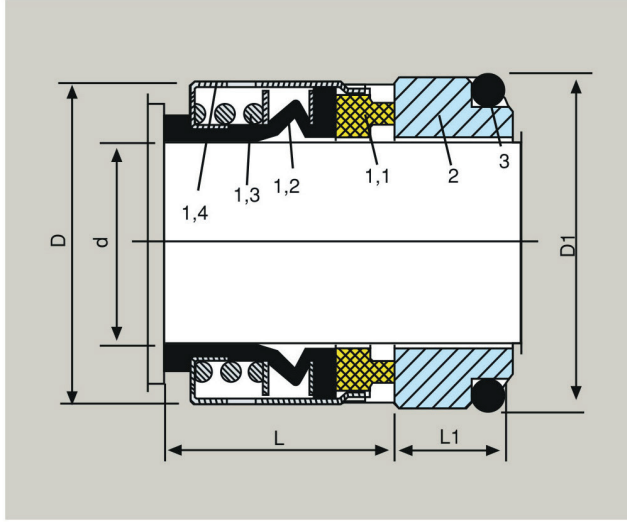
d	L	D1	L1	d	L	D1	L1
14	27	23,1	6	45	51	65,5	11,5
15	27	26,9	7	48	51	65,5	11,5
16	28	26,9	7	50	55	72,5	11,5
18	30	30,9	8	55	57	72,5	11,5
19	30	30,9	8	60	61	79,3	11,5
20	30	30,9	8	65	63	84,5	11,5
22	30	35,4	8	70	63	89,5	11,5
24	32	35,4	8	75	68	94,5	11,5
25	33	38,2	8,5	80	70	99,5	11,5
28	36	43,3	9	85	72	105,5	13,5
30	37	43,3	9	90	75	111,5	13,5
32	37	43,3	9	95	75	116,5	13,5
33	48	53,5	11,5	100	85	119,5	13,5
35	48	53,5	11,5	110	89	132,2	17,5
38	48	60,5	11,5	120	97	142,2	17,5
40	48	60,5	11,5	130	108	153,2	17,5
42	48	60,5	11,5	140	110	164,3	18,5
43	48	60,5	11,5	150	120	174,2	18,5



Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman	► Tekli Salmastra	► d1 = 14 - 100mm	► Döner Eleman Yüzey Seçenekleri:
► 1,2-Döner Eleman O-Ringi	► Balanssız	► p = 25 bar	Karbon, Silisyumkarbür,
► 1,3-Yay	► Çok Yaylı	► t = -50 / 220 °C	► Sabit Eleman Yüzey Seçenekleri:
► 1,4- Döner Eleman Kovanı	► Dönme Yönüne	► t = -35 / 280 °C	Silisyumkarbür, Seramik
► 1,5- P.T.F.E. V-Ring	Bağımsız	► Vg = 25 m/sn	Tungstenkarbür, Krom-Nikel 316 ti
2-Sabit Eleman			► Elastomerler : P.T.F.E., Viton (FKM),
3-Sabit Eleman O-Ringi			EPDM, Nitril (NBR), Silikon
4-P.T.F.E. Ring			
Sabit Eleman Seçenekleri			
► G-9 G-4 G-6			



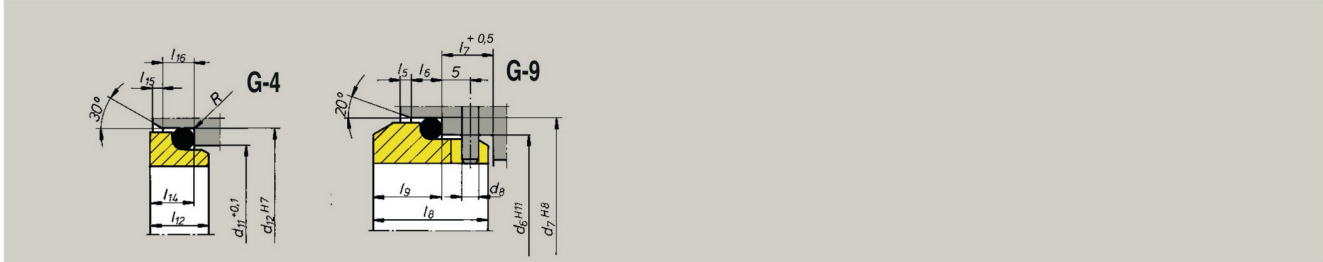
d	D	D1	L	L1	d	D	D1	L	L1
14	24	25	23.0	12.0	48	64	66	32.0	13.0
16	26	27	23.0	12.0	50	66	70	34.0	13.5
18	32	33	24.0	13.5	53	69	73	34.0	13.5
20	34	35	24.0	13.5	55	71	75	34.0	13.5
22	36	37	24.0	13.5	58	78	78	39.0	13.5
24	38	39	26.7	13.3	60	80	80	39.0	13.5
25	39	40	27.0	13.0	63	83	83	39.0	13.5
28	42	43	30.0	12.5	65	85	85	39.0	13.5
30	44	45	30.5	12.0	68	88	90	39.0	13.5
32	46	48	30.5	12.0	70	90	92	45.5	14.5
33	47	48	30.5	12.0	75	95	97	45.5	14.5
35	49	50	30.5	12.0	80	104	105	45.0	15.0
38	54	56	32.0	13.0	85	109	110	45.0	15.0
40	56	58	32.0	13.0	90	110	115	50.0	15.0
43	59	61	32.0	13.0	95	119	120	50.0	15.0
45	61	63	32.0	13.0	100	124	125	50.0	15.0



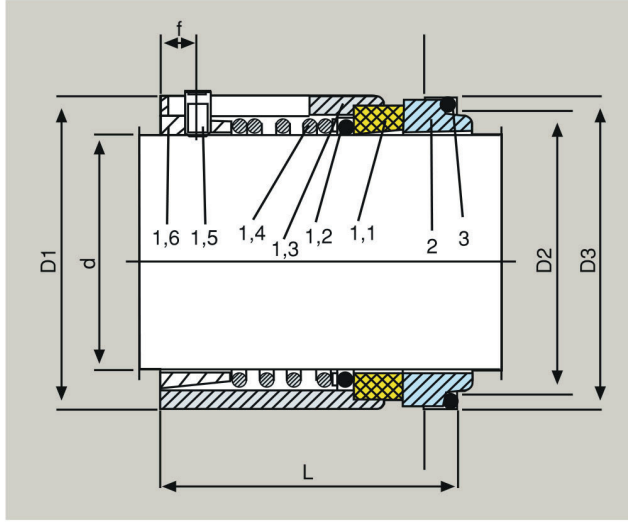
Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman Yüzeyi	► Tekli Salmastra	► $d1 = 14 - 100\text{mm}$	► Döner Eleman Yüzey Seçenekleri:
► 1,2-Körük	► Balanssız	► $p = 40\text{ bar}$	Karbon, Silisyumkarbür,
► 1,3-Yay	► Kauçuk Körüklü	► $t = -50 / 220\text{ }^{\circ}\text{C}$	► Sabit Eleman Yüzey Seçenekleri:
► 1,4-Kovan	► Dönme Yönüne Bağımsız	► $Vg = 15\text{ m/sn}$	Seramik, Silisyumkarbür,
► 2-Sabit Eleman			Krom-Nikel 316 ti
► 3-Sabit Eleman O-Ringi			► Elastomerler : Viton (FKM), EPDM,

Sabit Eleman Seçenekleri

► G-4 G-9



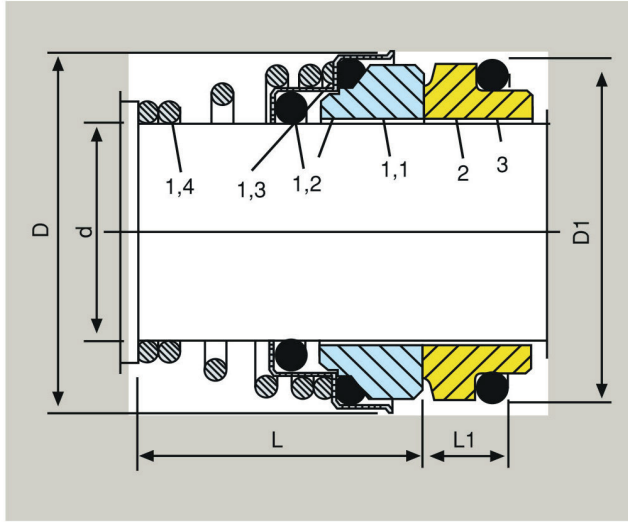
d	D	D1	L	L1	d	D	D1	L	L1
14	24	25	23.0	12.0	48	64	66	32.0	13.0
16	26	27	23.0	12.0	50	66	70	34.0	13.5
18	32	33	24.0	13.5	53	69	73	34.0	13.5
20	34	35	24.0	13.5	55	71	75	34.0	13.5
22	36	37	24.0	13.5	58	78	78	39.0	13.5
24	38	39	26.7	13.5	60	80	80	39.0	13.5
25	39	40	27.0	13.0	63	83	83	39.0	13.5
28	42	43	30.0	12.5	65	85	85	39.0	13.5
30	44	45	30.5	12.0	68	88	90	39.0	13.5
32	46	48	30.5	12.0	70	90	92	45.5	14.5
33	47	48	30.5	12.0	75	95	97	45.5	14.5
35	49	50	30.5	12.0	80	104	105	45.0	15.0
38	54	56	32.0	13.0	85	109	110	45.0	15.0
40	56	58	32.0	13.0	90	110	115	50.0	15.0
43	59	61	32.0	13.0	95	119	120	50.0	15.0
45	61	63	32.0	13.0	100	124	125	50.0	15.0



Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman Yüzeyi ► 1,2-Döner Eleman O-Ringi ► 1,3-Döner Eleman Kovanı ► 1,4-Yay ► 1,5-Setusukur ► 1,6-Baskı Bileziği ► 2-Sabit Eleman ► 3-Sabit Eleman O-Ringi	► Tekli Salmastra ► Balanssız ► Dönme Yönüne Bağımsız	► $d1 = 18 - 65\text{mm}$ ► $p = 10 \text{ bar}$ ► $t = -20 / 220 \text{ }^{\circ}\text{C}$ ► $Vg = 20 \text{ m/sn}$	► Döner Eleman Yüzey Seçenekleri: Karbon, ► Sabit Eleman Yüzey Seçenekleri: Krom-Nikel 316 ti, Silisyumkarbür, Seramik, Tungstenkarbür, ► Elastomerler : Viton (FKM), EPDM, Nitril (NBR), Silikon
Sabit Eleman Seçenekleri ► G-4 G-9			



d	D1	L	F	D2	D3	d	D1	L	F	D2	D3
18	36	43	6.0	24.0	30.0	40	62	55,3	7,5	52,2	58.0
20	38	43	6.0	29,5	35.0	42	64	62,3	7,5	53,3	62.0
22	40	43	6.0	29,5	35.0	45	67	62,3	8.0	55,3	64.0
24	42	43	6.0	32.0	38.0	48	69	65,3	8.0	59,7	68,4
25	43	43	6.0	32.0	38.0	50	72	69,3	8.0	60,8	69,3
28	46	45	7.0	36.0	42.0	55	77	70,3	8.0	66,5	75,4
30	48	47	7.0	39,2	45.0	58	80	72,3	8.0	69,5	78,4
32	50	49	7,5	42,2	48.0	60	82	74,3	8.0	71,5	80,4
35	53	49,5	7,5	46,2	52.0	65	90	76,3	9.0	76,5	85,4
38	59	55,3	7,5	49,2	55.0						



Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman Yüzeyi	► Tekli Salmastra	► $d_1 = 10 - 40\text{mm}$	► Döner Eleman Yüzey Seçenekleri:
► 1,2-Döner Eleman O-Ringi	► Balanssız	► $p = 10 \text{ bar}$	Seramik, Silisyumkarbür,
► 1,3-Döner Eleman Kovanı	► Dönme Yönüne Bağımlı	► $t = -20 / 220 \text{ }^\circ\text{C}$	► Sabit Eleman Yüzey Seçenekleri:
► 1,4-Yay		► $V_g = 20 \text{ m/sn}$	Karbon, Silisyumkarbür,
► 2-Sabit Eleman			► Elastomerler : Viton (FKM), EPDM,
► 3-Sabit Eleman O-Ringi			Nitril (NBR),

Sabit Eleman Seçenekleri

- G-45

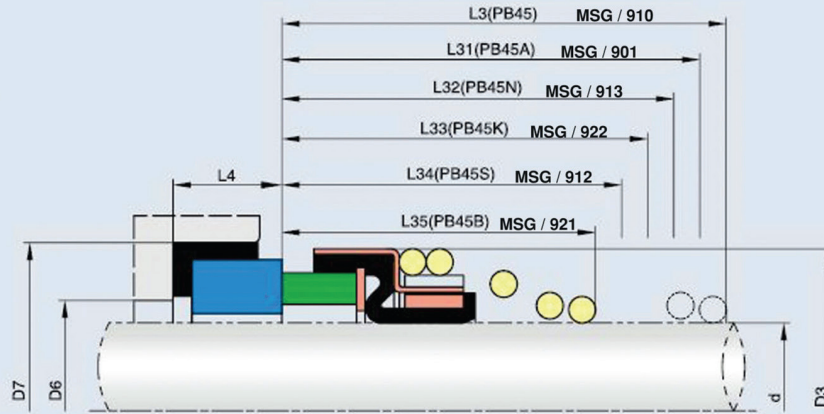


d	D	D1	L	L1	d	D	D1	L	L1
10	20	18.1	15	5.5	20	33	30.9	25	8.0
11	22	20.6	18	5.5	22	38	35.4	25	8.0
12	22	20.6	18	5.5	24	38	35.4	27	8.0
13	25	23.1	22	6.0	25	40	38.2	27	8.5
14	25	23.1	22	6.0	28	46	43.3	29	9.0
15	29	26.9	22	7.0	30	46	43.3	30	9.0
16	29	26.9	23	7.0	32	46	43.3	30	9.0
17	29	26.9	23	7.0	35	50	53.5	39	11.5
18	33	30.9	24	8.0	38	55	60.5	39	11.5
19	33	30.9	25	8.0	40	55	60.5	39	11.5

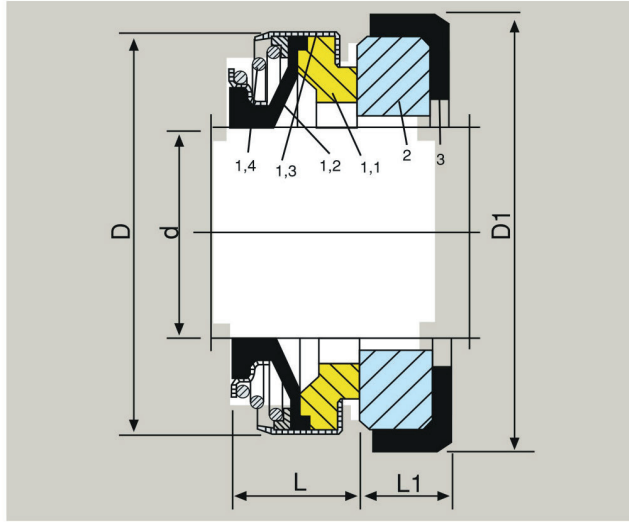


- (Operating Conditions)
(Temperature) : -20°C to +120°C
(Pressure): <1.0MPa
(Speed): <10m/s
- (Materials)
(Stationary Ring): V1,Q1,Q2,U2
(Rotary Ring): B,A,Q1,Q2,U2
(Secondary Seal): V,P,E
(Spring and Metal Parts):F,G
(Seat Types)
(Standard): (Metric): L01,L03
(Inch): L04
- Applications : Clean water, sewage water, oil and other Weakly corrosive fluids.

Size (Metric)	d	D3	D6	D7	L3	L32	L33	L34	L4
10	10	21	17	21	44.0	33.4	25.9	25.0	6.6
12	12	23	19	23	44.0	33.4	25.9	25.0	6.6
14	14	26.8	21	25	44.0	33.4	28.4	25.0	6.6
15	15	26.8	—	—	44.0	—	—	25.0	—
16	16	27.8	23	27	44.0	33.4	28.4	25.0	6.6
18	18	29.3	27	33	44.0	37.5	30.0	25.0	7.5
20	20	31.5	29	35	44.0	37.5	30.0	25.0	7.5
22	22	33.5	31	37	44.0	37.5	30.0	25.0	7.5
24	24	39	33	39	44.0	42.5	32.5	25.0	7.5
25	25	39	34	40	44.0	42.5	32.5	25.0	7.5
28	28	42.2	37	43	60.0	42.5	35.0	33.0	7.5
30	30	44.2	39	45	60.0	42.5	35.0	33.0	7.5
32	32	45.7	42	48	60.0	47.5	35.0	33.0	7.5
33	33	48.7	42	48	60.0	47.5	35.0	33.0	7.5
35	35	48.7	44	50	60.0	47.5	35.0	33.0	7.5
38	38	53.7	49	56	60.0	46.0	36.0	33.0	9.0
40	40	56.1	51	58	60.0	46.0	36.0	33.0	9.0
43	43	60.6	54	61	71.0	51.0	36.0	41.0	9.0
45	45	60.6	56	63	71.0	51.0	36.0	41.0	9.0
48	48	65.6	59	66	71.0	51.0	36.0	41.0	9.0
50	50	65.6	62	70	72.5	50.5	38.0	42.5	9.5
53	53	70.6	65	73	71.0	59.0	36.5	41.0	11.0
55	55	70.6	67	75	71.0	59.0	36.5	41.0	11.0
58	58	79.6	70	78	71.0	59.0	41.5	41.0	11.0
60	60	79.6	72	80	71.0	59.0	41.5	41.0	11.0
63	63	82.0	75	83	—	59.0	41.5	—	11.0
65	65	84.1	77	85	70.0	69.0	41.5	49.0	11.0
68	68	87.0	81	90	70.0	68.7	41.2	49.0	11.3
70	70	89.6	83	92	70.0	68.7	48.7	49.0	11.3
75	75	95.1	88	97	73.0	68.7	48.7	52.0	11.3
80	80	103.1	95	105	79.0	78.0	48.0	56.0	12.0
85	85	—	100	110	79.0	76.0	46.0	56.0	14.0
90	90	111.5	105	115	83.0	76.0	51.0	59.0	14.0
95	95	—	110	120	83.0	76.0	51.0	59.0	14.0
100	100	122.5	115	125	86.0	76.0	51.0	62.0	14.0



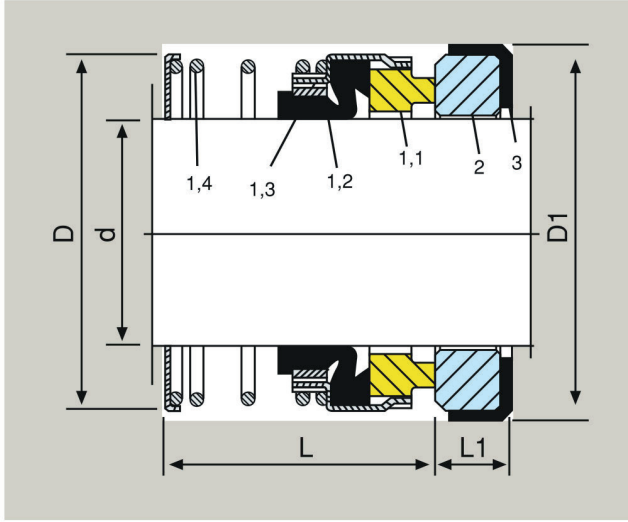
Size (Metric)	d	D3	D6	D7	L3	L31	L34	L35	L4
0.375	9.525	18.8	15.88	22.23	44.0	30.15	25.0	20.63	7.95
0.500	12.700	22.3	19.05	25.40	44.0	30.15	25.0	20.63	7.95
0.625	15.875	26.5	23.80	31.75	44.0	33.33	25.0	22.23	10.31
0.750	19.050	29.5	26.97	34.93	44.0	33.33	25.0	22.23	10.31
0.875	22.225	33.0	30.15	38.10	44.0	34.93	25.0	23.80	10.31
1.000	25.400	38.0	33.32	41.28	44.0	39.70	25.0	25.40	11.10
1.125	28.575	41.5	36.50	44.45	60.0	41.27	33.0	27.00	11.10
1.250	31.750	45.0	39.70	47.63	60.0	41.27	33.0	27.00	11.10
1.375	34.925	48.0	42.85	50.80	60.0	42.85	33.0	28.57	11.10
1.500	38.100	52.5	46.05	53.98	60.0	42.85	33.0	28.57	11.10
1.625	41.275	57.0	50.80	60.33	60.0	50.80	33.0	34.93	12.70
1.750	44.450	60.5	53.97	63.50	71.0	50.80	41.0	34.93	12.70
1.875	47.625	64.0	57.15	66.68	71.0	53.98	41.0	38.10	12.70
2.000	50.800	66.0	60.33	69.85	72.5	53.98	42.5	38.10	12.70
2.125	53.975	71.0	60.33	76.20	71.0	60.33	41.0	42.85	14.27
2.250	57.150	76.5	61.90	79.38	71.0	60.33	41.0	42.85	14.27
2.375	60.325	78.5	65.10	82.55	71.0	63.50	41.0	46.06	14.27
2.500	63.500	82.0	68.25	85.73	71.0	63.50	41.0	46.06	14.27
2.625	66.675	84.0	71.42	85.73	70.0	69.85	49.0	49.19	15.88
2.750	69.850	89.0	74.60	88.90	70.0	69.85	49.0	49.19	15.88
2.875	73.025	92.5	77.77	95.25	73.0	73.02	52.0	52.37	15.88
3.000	76.200	95.5	80.95	98.43	73.0	73.02	52.0	52.37	15.88
3.125	79.375	101.6	84.12	101.60	79.0	79.37	56.0	55.55	19.84
3.250	82.550	—	87.30	104.78	79.0	79.37	56.0	55.55	19.84
3.375	85.725	—	90.47	107.95	79.0	79.37	56.0	55.55	19.84
3.500	88.900	111.5	93.65	111.13	79.0	79.37	56.0	55.55	19.84
3.625	92.075	—	96.82	114.30	83.0	82.55	59.0	58.72	19.84
3.750	95.250	118.0	100.00	117.48	83.0	82.55	59.0	58.72	19.84
3.875	98.425	—	103.17	120.65	86.0	85.72	62.0	61.90	19.84
4.000	101.600	125.0	106.35	123.83	86.0	85.72	62.0	61.90	19.84



Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman Yüzeyi ► 1,2-Elastomer Körük ► 1,3-Döner Eleman Kovanı ► 1,4-Yay ► 2-Sabit Eleman ► 3-Sabit Eleman L-Ringi	► Tekli Salmastra ► Balanssız ► Kauçuk Körüklü ► Dönme Yönüne Bağımsız	► $d1 = 6 - 70\text{mm}$ ► $p = 6\text{ bar}$ ► $t = -20 / 220\text{ }^{\circ}\text{C}$ ► $Vg = 10\text{ m/sn}$	► Döner Eleman Yüzey Seçenekleri: Karbon, Silisyumkarbür, Tungstenkarbür ► Sabit Eleman Yüzey Seçenekleri: Seramik, Silisyumkarbür, Tungstenkarbür ► Elastomerler : Viton (FKM), EPDM, Nitril (NBR),
Sabit Eleman Seçenekleri ► STANDART ÖLÇÜLERİNDE			

★ STANDART ÖLÇÜLERİNDE

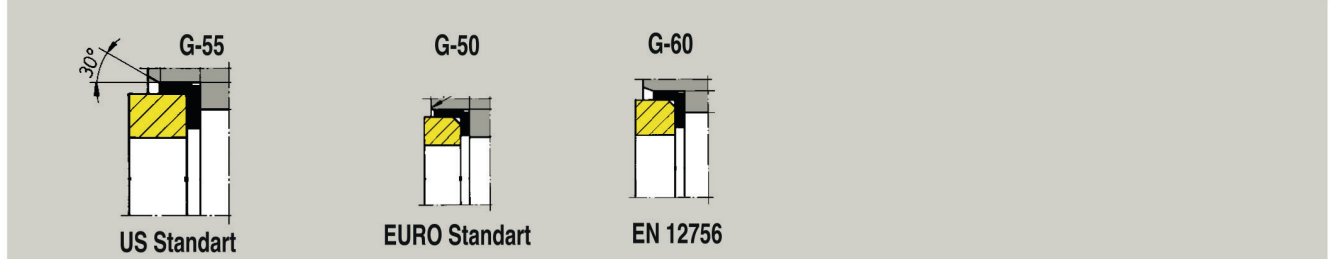
d	D	D1	L	L1	d	D	D1	L	L1
6	18	22.0	8	4	17	39	42.0	13	8
8a	20	26.0	11	4	18	39	42.0	13	8
8b	20	22.0	11	4	19	39	42.0	13	8
8c	24	26.0	11	8	20a	39	42.0	13	8
9	24	26.0	11	8	20b	42	45.0	13	10
10	24	26.0	11	8	22	42	45.0	13	10
11	24	26.0	11	8	23	47	50.0	14	10
12a	24	26.0	11	8	24	47	50.0	14	10
12b	24	26.0	13	8	25a	42	50.0	14	10
12c	32	35.0	13	8	25b	47	50.0	14	10
13	24	26.0	13	8	26	47	50.0	14	10
14a	28	25.0	13	7	28	54	57.0	15	10
14b	28	28.5	13	8	30	54	57.0	15	10
14c	32	29.5	13	8	32	54	57.0	15	10
14d	32	35.0	13	8	35	60	63.0	16	10
15a	32	29.5	13	8	38	65	68.0	18	12
15b	32	38.0	13	8	40	65	68.0	18	12
15c	35	38.0	13	8	45	70	73.0	20	12
16a	32	29.5	13	8	50	85	88.0	23	15
16b	35	38.0	13	8	55	85	88.0	23	15
16c	39	38.0	13	8	60	105	110.0	30	15
16d	39	42.0	13	8	70	105	110.0	32	15



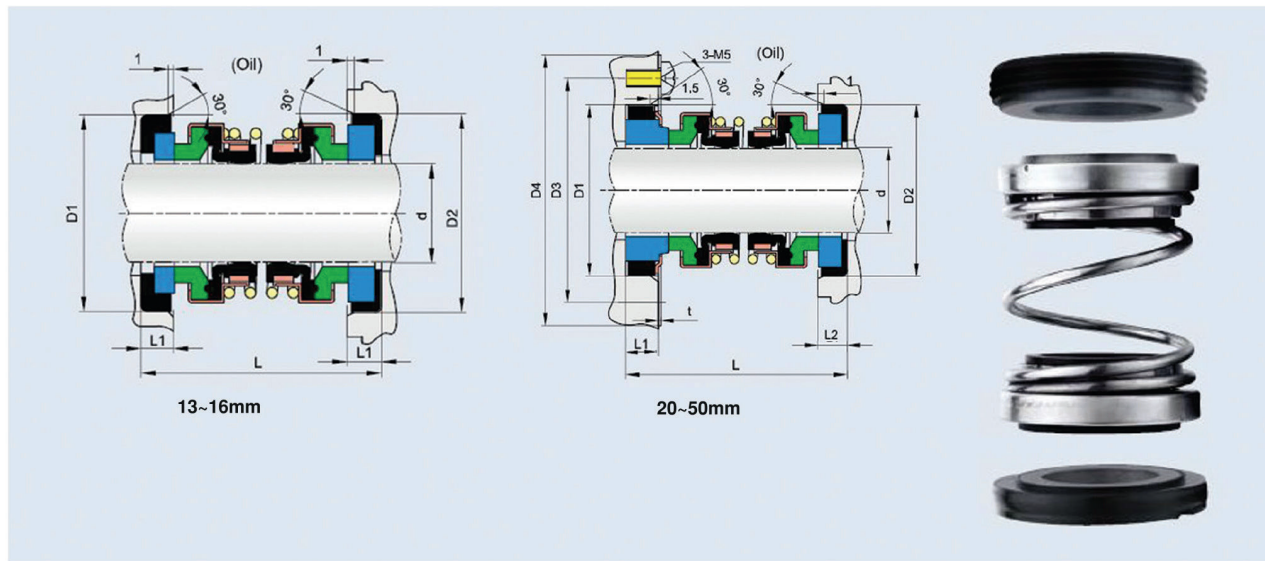
Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1-Döner Eleman Yüzeyi	► Tekli Salmastra	► d1 = 12 - 85mm	► Döner Eleman Yüzey Seçenekleri:
► 1,2-Kauçuk Körük	► Balanssız	► p = 16 bar	Karbon, Silisyumkarbür,
► 1,3-Döner Eleman Kovanı	► Kauçuk Körüklü	► t = -35 / 220 °C	► Sabit Eleman Yüzey Seçenekleri:
► 1,4-Yay	► Dönme Yönüne	► Vg = 16 m/sn	Seramik, Silisyumkarbür,
► 2-Sabit Eleman	Bağımsız		► Elastomerler : Viton (FKM), EPDM,
► 3-Sabit Eleman L-Ringi			Nitril (NBR),

Sabit Eleman Seçenekleri

► G-55 G-50 G-60



d	D	D1	L	L1	d	D	D1	L	L1
12	21.7	23.0	23.9	8.6	40	55.8	58.0	34.0	11.0
14	23.9	25.0	26.4	8.6	43	58.8	61.0	34.0	11.0
16	26.7	27.0	26.4	8.6	45	61.0	63.0	34.0	11.0
18	30.4	33.0	27.5	10.0	48	64.0	66.0	34.0	11.0
20	33.4	35.0	27.5	10.0	50	66.0	70.0	34.5	13.0
22	33.4	37.0	27.5	10.0	55	71.7	75.0	34.5	13.0
24	38.0	39.0	30.0	10.0	58	78.4	78.0	39.5	13.0
25	39.3	40.0	30.0	10.0	60	78.4	80.0	39.5	13.0
28	42.0	43.0	32.5	10.0	63	81.5	83.0	39.5	13.0
30	44.0	45.0	32.5	10.0	65	84.3	85.0	39.5	13.0
32	45.8	48.0	32.5	10.0	68	89.7	90.0	37.2	15.3
33	45.8	48.0	32.5	10.0	70	89.7	92.0	37.2	15.3
35	49.0	50.0	34.0	11.0	75	96.8	97.0	44.7	15.3
38	52.8	56.0	34.0	11.0	80	104.0	105.0	44.3	15.7
					85	109.0	110.0	44.3	15.7

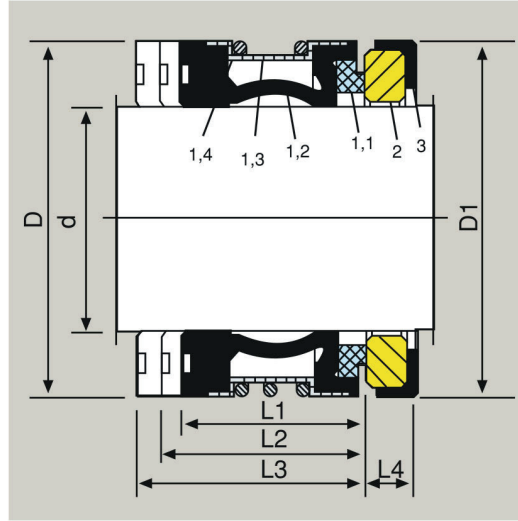


- (Operating Conditions)
(Temperature) :<80°C
(Pressure): <0.5MPa
(Speed): <10m/s

- (Materials)
(Stationary Ring): Q1,Q2,U2
(Atmosphere side Rotary Ring): B
(Rotary Ring): Q1,Q2,U2
(Atmosphere side Rotary Ring): B
(Secondary Seal): P
(Spring and Metal Parts):F

- Applications : Clean water, sewage water, oil and other weakly Corrosive fluids.

Size (Metric)	d	D1	D2	D3	D4	L	L1	L2	t
13	13	25	25	—	—	36	5	—	—
14	14	30	30	—	—	36	5	—	—
15	15	30	30	—	—	36	5	—	—
16	16	30	30	—	—	36	5	—	—
20	20	44	38	60	72	49	7	7	1
25	25	50	44	60	72	51	7	7	1
30	30	57	54/44	70	82	59	9	8	1
35	35	64/57	58/54	80	94	61	9	9	1.2
40	40	70	64/68	85	100	64.5	11	9	1.2
45	45	70	66/68	90	105	65	10	9	1.2
50	50	80	72	95	109	69.5	10	9	1.2



Parça Tanımlama

- 1,1-Döner Eleman Yüzeyi
- 1,2-Kauçuk Körük
- 1,3-Döner Eleman Kovanı
- 1,4-Yay
- 2-Sabit Eleman
- 3-Sabit Eleman L-Ringi

Teknik Özellikleri

- Tekli Salmastra
- Balanssız
- Kauçuk Körüklü
- Dönme Yönüne Bağımsız

Çalışma Limitleri

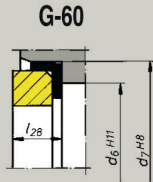
- $d_1 = 10 - 100\text{mm}$
- $p = 18 \text{ bar}$
- $t = -40 / 220 \text{ }^{\circ}\text{C}$
- $V_g = 15 \text{ m/sn}$

Malzemeler

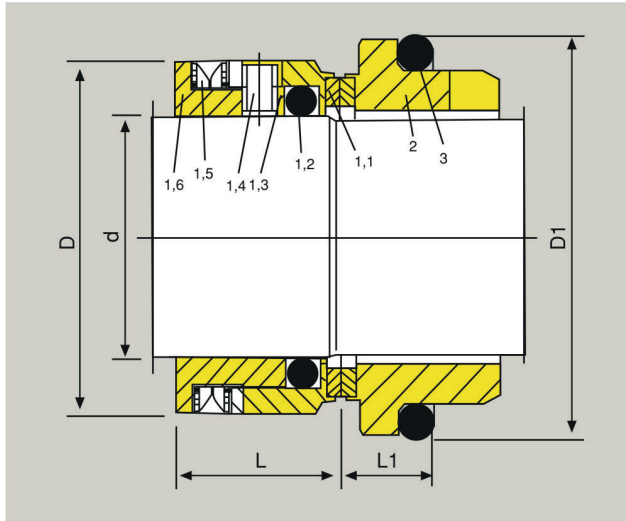
- Döner Eleman Yüzey Seçenekleri: Karbon, Silisyumkarbür,
- Sabit Eleman Yüzey Seçenekleri: Seramik, Silisyumkarbür,
- Elastomerler : Viton (FKM), EPDM, Nitril (NBR),

Sabit Eleman Seçenekleri

- G-60 G-6



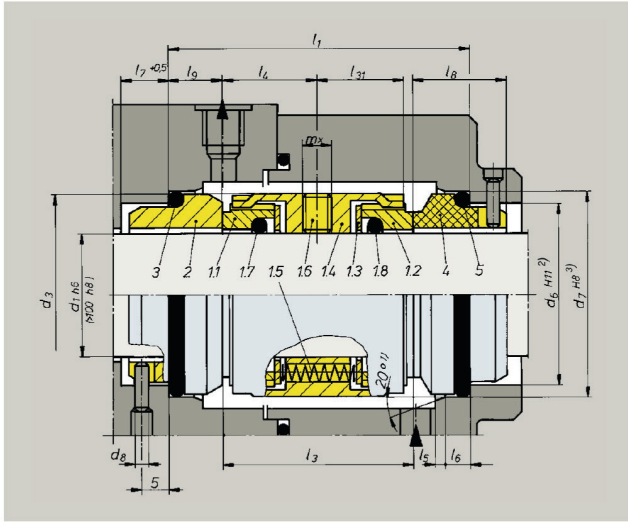
d	D	D1	L1	L2	L3	L4	d	D	D1	L1	L2	L3	L4
10	20	21	15	27.5	35.0	5	45	61	63	30	37.0	52.0	8
12	22	23	15	26.5	34.0	6	48	64	66	30	35.0	50.0	10
14	24	25	15	29.0	34.0	6	50	66	70	30	37.5	50.0	10
15	25	26	15	29.0	34.0	6	53	69	73	30	37.5	60.0	10
16	26	27	15	29.0	34.0	6	55	71	75	30	37.5	60.0	10
18	32	33	20	31.5	39.0	6	58	78	78	33	42.5	60.0	10
20	34	35	20	31.5	39.0	6	60	80	80	33	40.5	58.0	12
22	36	37	20	31.5	39.0	6	63	83	83	33	40.5	58.0	12
24	38	39	20	34.0	44.0	6	65	85	85	33	40.5	68.0	12
25	39	40	20	34.0	44.0	6	68	88	90	33	40.5	68.0	12
28	42	43	26	36.5	44.0	6	70	90	92	33	48.0	68.0	12
30	44	45	26	35.5	43.0	7	75	99	97	40	48.0	68.0	12
32	46	48	26	35.5	48.0	7	80	104	105	40	47.5	77.5	14
33	47	48	26	35.5	48.0	7	85	109	110	40	47.5	77.5	14
35	49	50	26	34.5	47.0	8	90	114	115	40	52.5	77.5	14
38	54	56	30	37.0	47.0	8	95	119	120	40	52.5	77.5	14
40	56	58	30	37.0	47.0	8	100	124	125	40	52.5	77.5	14
43	59	61	30	37.0	52.0	8							



Product Description	Technical Features	Operating Range	Material
▶ 1,1-Seal face ▶ 1,2-O-Ring (For rotary seal) ▶ 1,3-Housing ▶ 1,4-Set screws ▶ 1,5-Spring ▶ 1,6-Drive collar ▶ 2-Stationary Seat ▶ 3-L-Ring (For stationary seal)	▶ Single seal ▶ Balanced ▶ Rubber bellows ▶ Independent of rotation direction	▶ $d_1 = 10 - 100\text{mm}$ ▶ $p = 12\text{ bar}$ ▶ $t = -35 / 220\text{ }^{\circ}\text{C}$ ▶ $V_g = 15\text{ m/sn}$	▶ Rotary seal faces: Carbon, Silicon carbide, Tungsten Carbide, Chromium Nickel 316 ti ▶ Stationary seal faces: Silicon carbide, Ceramic, Tungsten Carbide, Chromium Nickel 316 ti ▶ Elastomers : Viton (FKM), EPDM, Nitril (NBR)
Stationary Seat Alternatives: ▶ Standard seats			

★ STANDARD SEATS

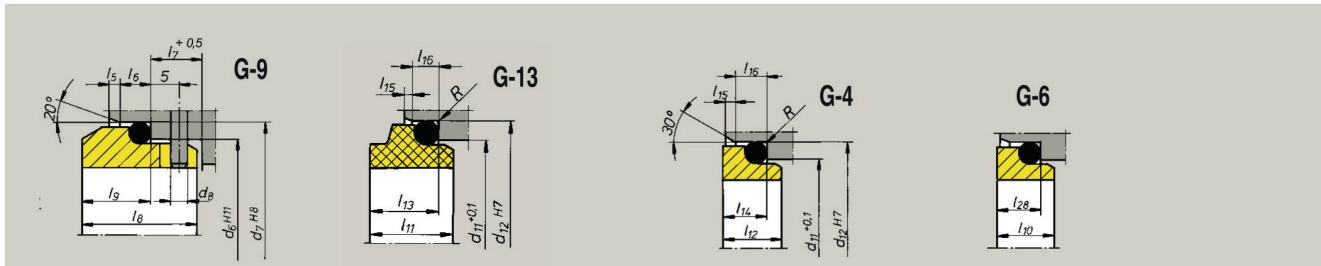
d	D	D1	L	L1	d	D	D1	L	L1
10	21	18.1	18.0	5.5	40	55	60.5	21.1	11.5
12	23	20.6	18.0	5.5	43	60	60.5	21.1	11.5
14	25	23.1	18.0	6.0	45	60	65.5	21.1	11.5
15	26	26.9	19.1	7.0	48	65	65.5	21.1	11.5
16	29	26.9	19.1	7.0	50	65	72.5	21.1	11.5
18	29	30.9	19.1	8.0	55	74	72.5	22.1	11.5
20	32	30.9	19.1	8.0	60	79	79.3	25.8	11.5
22	35	35.4	19.1	8.0	65	87	84.5	25.8	11.5
24	37	35.4	19.1	8.0	70	93	89.5	25.8	11.5
25	41	38.2	19.1	8.5	75	98	94.5	25.8	11.5
28	41	43.3	19.1	9.0	80	104	99.5	25.8	11.5
30	47	43.3	19.1	9.0	85	108	105.5	25.8	13.5
32	47	43.3	19.1	9.0	90	113	111.5	25.8	13.5
33	48	53.5	19.1	11.5	95	118	116.5	25.8	13.5
35	49	53.5	19.1	11.5	100	123	119.5	25.8	13.5
38	53	60.5	21.1	11.5					



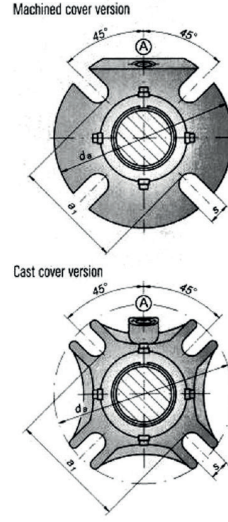
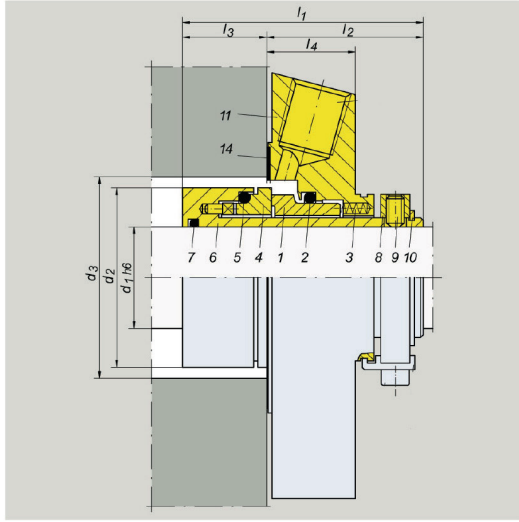
Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1,1+1,2-Döner Eleman Yüzeyi	► Çiftli Salmastra	► $d_1 = 18 - 200\text{mm}$	► Döner Eleman Yüzey Seçenekleri:
► 1,3-Baskı Bileziği	► Balanssız	► $p = 16 (25) \text{ bar}$	Krom-Nikel 316 ti, Seramik, Karbon,
► 1,4-Döner Eleman Kovanı	► Dönme Yönüne	► $t = -50 / 220 \text{ } ^\circ\text{C}$	Silisyumkarbür, Tungstenkarbür
► 1,5-Yay	► Bağımsız	► $V_g = 20 \text{ m/sn}$	► Sabit Eleman Yüzey Seçenekleri:
► 1,6-Setuskur			Karbon, Krom-Nikel 316 ti, Seramik,
► 1,7+1,8-Döner Eleman O-Ringi			Silisyumkarbür, Tungstenkarbür
► 2+4-Sabit Eleman			► Elastomerler : Viton (FKM), EPDM,
► 3+5-Sabit Eleman O-Ringi			Nitril (NBR)

Sabit Eleman Seçenekleri

► G-9 G-13 G-4 G-6



d ₁	d ₃	d ₆	d ₇	d ₈	d ₉	d ₁₁	d ₁₂	d _s	l ₁	l ₃	l ₄	l ₅	l ₆	l ₉	l ₈	l ₉	l ₁₀	l ₁₁	l ₁₂	l ₁₃	l ₁₄	l ₁₅	l ₁₆	l ₂₈	l ₃₁	l ₃₅	m _x	t	
18	33	27.0	33.0	3	4	24.0	30.0	-	61.0	38	19.0	2.0	5	9	19.5	11.5	8.5	12.5	9.0	10.0	8.0	1.5	5	7.5	17.0	15	M5	3.5	
20	35	29.0	35.0	3	4	29.5	35.0	-	61.0	38	19.0	2.0	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	7.5	17.0	15	M5	3.5	
22	37	31.0	37.0	3	4	29.5	35.0	42	61.0	38	19.0	2.0	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	7.5	17.0	15	M5	3.5	
24	39	33.0	39.0	3	4	32.0	38.0	44	61.0	38	19.0	2.0	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	7.5	17.0	15	M5	3.5	
25	40	34.0	40.0	3	4	32.0	38.0	45	61.0	38	19.0	2.0	5	9	19.5	11.5	8.5	12.5	8.5	9.5	7.5	1.5	5	7.5	17.0	15	M5	3.5	
28	43	37.0	43.0	3	4	36.0	42.0	47	62.0	39	19.5	2.0	5	9	19.5	11.5	8.5	14.0	10.0	11.0	9.0	1.5	5	7.5	17.5	15	M6	3.5	
30	45	39.0	45.0	3	4	39.2	45.0	49	62.0	39	19.5	2.0	5	9	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5	7.5	17.5	15	M6	3.5	
32	47	42.0	48.0	3	4	42.2	48.0	51	62.0	39	19.5	2.0	5	9	19.5	11.5	8.5	14.0	11.5	11.0	10.5	1.5	5	7.5	17.5	15	M6	3.5	
33	48	42.0	48.0	3	4	44.2	50.0	51	62.0	39	19.5	2.0	5	9	19.5	11.5	8.5	14.5	12.0	11.5	10.5	1.5	5	7.5	17.5	15	M6	3.5	
35	50	44.0	50.0	3	4	46.2	52.0	54	62.0	39	19.5	2.0	5	9	19.5	11.5	8.5	14.5	12.0	11.5	11.0	1.5	5	7.5	17.5	15	M6	3.5	
38	55	49.0	56.0	4	4	49.2	55.0	59	69.0	41	20.5	2.0	6	9	22.0	14.0	10.0	14.5	11.3	11.5	10.3	1.5	5	9.0	18.5	15	M6	3.5	
40	57	51.0	58.0	4	4	52.2	58.0	61	70.0	42	21.0	2.0	6	9	22.0	14.0	10.0	14.5	11.8	11.5	10.8	1.5	5	9.0	19.0	15	M6	3.5	
43	60	54.0	61.0	4	4	53.3	62.0	65	70.0	42	21.0	2.0	6	9	22.0	14.0	10.0	17.0	13.2	14.3	12.0	2.0	6	9.0	19.0	15	M6	3.5	
45	62	56.0	63.0	4	4	55.3	64.0	66	70.0	42	21.0	2.0	6	9	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6	9.0	19.0	15	M6	3.5	
48	65	59.0	66.0	4	4	59.7	68.4	69	70.0	42	21.0	2.0	6	9	22.0	14.0	10.0	17.0	12.8	14.3	11.6	2.0	6	9.0	19.0	15	M6	3.5	
50	67	62.0	70.0	4	4	60.8	69.3	71	73.0	43	21.5	2.5	6	9	23.0	15.0	10.5	17.0	12.8	14.3	11.6	2.0	6	9.5	19.5	15	M6	3.5	
53	70	65.0	73.0	4	4	63.8	72.3	75	73.0	43	21.5	2.5	6	9	23.0	15.0	12.0	17.0	13.5	14.3	12.3	2.0	6	11.0	19.5	15	M6	3.5	
55	72	67.0	75.0	4	4	66.5	75.4	76	73.0	43	21.5	2.5	6	9	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6	11.0	19.5	15	M8	3.5	
58	79	70.0	78.0	4	5	69.5	78.4	83	86.0	56	28.0	2.5	6	9	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6	11.0	23.5	19	M8	3.5	
60	81	72.0	80.0	4	5	71.5	80.4	85	86.0	56	28.0	2.5	6	9	23.0	15.0	12.0	18.0	14.5	15.3	13.3	2.0	6	11.0	23.5	19	M8	3.5	
63	84	75.0	83.0	4	5	74.5	83.4	88	85.0	55	27.5	2.5	6	9	23.0	15.0	12.0	18.0	14.2	15.3	13.3	2.0	6	11.0	24.5	19	M8	3.5	
65	86	77.0	85.0	4	5	76.5	85.4	95	85.0	55	27.5	2.5	6	9	23.0	15.0	12.0	18.0	14.2	15.3	13.0	2.0	6	11.0	24.5	19	M8	3.5	
68	89	81.0	90.0	4	5	82.7	91.5	93	91.0	55	27.5	2.5	7	9	26.0	18.0	12.5	19.0	14.9	16.0	13.7	2.0	6	11.3	24.5	19	M8	3.5	
70	91	83.0	92.0	4	5	83.0	92.0	95	92.0	56	28.0	2.5	7	9	26.0	18.0	12.5	18.0	14.2	15.3	13.0	2.0	6	11.3	23.5	19	M8	3.5	
75	99	88.0	97.0	4	5	90.2	99.0	105	92.0	56	28.0	2.5	7	9	26.0	18.0	12.5	18.0	15.2	15.3	14.0	2.0	6	11.3	25.5	19	M8	3.5	
80	104	95.0	105.0	4	5	95.2	104.0	109	92.5	56	28.0	3.0	7	9	26.2	18.2	13.0	19.0	16.2	16.3	15.0	2.0	6	12.0	25.5	19	M8	3.5	
85	109	100.0	110.0	4	5	100.2	109.0	114	92.5	56	28.0	3.0	7	9	26.2	18.2	15.0	19.0	16.0	16.3	14.8	2.0	6	14.0	25.0	19	M8	3.5	
90	114	105.0	115.0	4	5	105.2	114.0	119	92.5	56	28.0	3.0	7	9	26.2	18.2	15.0	19.0	16.0	16.3	14.8	2.0	6	14.0	25.5	19	M8	3.5	
95	119	110.0	120.0	4	5	111.6	120.3	124	90.5	56	28.0	3.0	7	9	25.2	17.2	15.0	20.0	17.0	17.3	15.8	2.0	6	14.0	25.0	19	M8	3.5	
100	124	115.0	125.0	4	5	114.5	123.3	129	90.5	56	28.0	3.0	7	9	25.2	17.2	15.0	20.0	17.0	17.3	15.8	2.0	6	14.0	25.0	19	M8	3.5	
105	138	122.2	134.3	5	7	-	-	143	108.0	68	34.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	30.5	22	M8	3.5
110	143	128.2	140.3	5	7	-	-	148	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
115	148	136.2	148.3	5	7	-	-	153	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
120	153	138.2	150.3	5	7	-	-	158	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
125	158	142.2	154.3	5	7	-	-	163	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
130	163	146.2	158.3	5	7	-	-	168	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
135	168	152.2	164.3	5	7	-	-	173	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
140	173	156.2	168.3	5	7	-	-	178	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
145	178	161.2	173.3	5	7	-	-	183	110.0	70	35.0	2.0	10	-	30.0	20.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
150	183	168.2	180.3	5	7	-	-	188	114.0	70	35.0	2.0	10	-	32.0	22.0	-	-	-	-	-	-	-	-	-	31.5	22	M8	3.5
155	191	173.2	185.3	5	7	-	-	196	127.0	79	39.5	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	-	35.5	22	M8	3.5
160	196	178.2	190.3	5	7	-	-	201	127.0	79	39.5	2.0	12	-	34.0	24.0	-	-	-	-	-	-	-	-	-	35.5	22	M8	3.5



Parça Tanımlama

- 1-Sabit Eleman Yüzeyi
- 2+5+7-O-Ring
- 3-Yay
- 4-Döner Eleman Yüzeyi
- 6-Salmastra Burç
- 8-Baskı Bileziği
- 9-Setusukur
- 10-Segman
- 11-Flanş (Gövde)
- 14-Flanş Contası

Teknik Özellikleri

- Tekli Kartuş Salmastra
- Balanslı
- Sıvı Soğutmalı
- Dönme Yönüne Bağımsız

Çalışma Limitleri

- $d_1 = 25 - 100\text{mm}$
- $p = 25\text{ bar}$
- $t = -40 - 220\text{ }^{\circ}\text{C}$
- $V_g = 10\text{ m/sn}$

Malzemeler

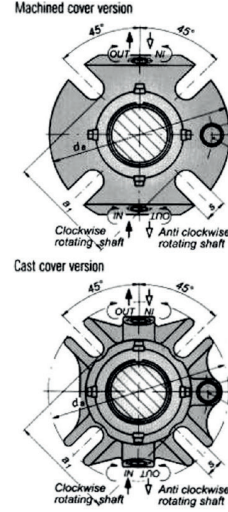
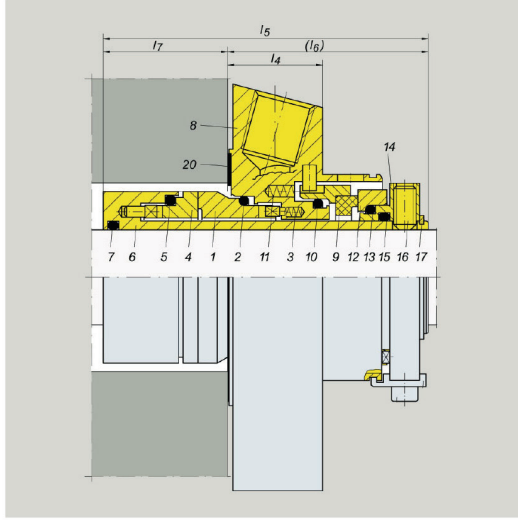
- Döner Eleman Yüzey Seçenekleri:
Krom-Nikel 316 ti, Silisyumkarbür,
Tungstenkarbür, Karbon, Seramik
- Sabit Eleman Yüzey Seçenekleri:
Karbon, Silisyumkarbür, Seramik,
Tungstenkarbür, Krom-Nikel 316 ti,
- Elastomerler : Viton (FKM), EPDM,
Nitril (NBR)

Sabit Eleman Seçenekleri

- STANDART ÖLÇÜLERİNDE

★ STANDART ÖLÇÜLERİNDE

d ₁	d ₂	d _{3min.}	d _{3max.}	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₁₂	l ₁₃	l ₁₄	l ₁₅	l ₁₆	l ₁₇	a ₁	a ₂	d _a	s
25	43.0	44.0	51.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	62	62	105	13.2
28	46.0	47.0	52.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	62	65	105	13.2
30	48.0	49.0	56.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	65	67	105	13.2
32	49.8	51.0	57.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	67	70	108	13.2
33	49.8	51.0	57.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	67	70	108	13.2
35	53.0	54.0	61.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	70	72	113	13.2
38	56.0	57.0	66.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	75	75	123	13.2
40	58.0	59.0	68.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	75	77	123	14.2
42	60.5	61.5	69.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	80	80	133	14.2
43	60.5	61.5	70.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	80	80	133	14.2
45	62.5	64.0	73.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	81	82	138	14.2
48	65.6	67.0	75.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	84	85	138	14.2
50	68.0	69.0	78.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	87	87	148	14.2
53	72.0	73.0	87.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	97	97	148	18.0
55	73.0	74.0	83.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	90	92	148	18.0
60	78.0	79.0	91.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	102	102	157	18.0
65	84.8	85.7	98.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	109	109	163	18.0
70	93.0	95.0	108.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	118	118	178	18.0
75	100.0	101.6	118.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	129	129	190	18.0
80	106.4	108.0	124.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	135	135	195	18.0
85	109.5	111.1	128.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	139	139	198	22.0
90	115.9	117.5	135.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	145	145	205	22.0
95	119.1	120.7	138.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	148	148	208	22.0
100	125.4	127.0	144.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	154	154	218	22.0



Parça Tanımlama	Teknik Özellikleri	Çalışma Limitleri	Malzemeler
► 1+12-Sabit Eleman Yüzeyi ► 2+5+7+10+13+15-O-Ring ► 3+11-Yay ► 4+9-Döner Eleman Yüzeyi ► 6-Salmastra Burç ► 8-Flanş (Gövde) ► 14-Baskı Bileziği ► 16-Setusukur ► 17-Segman ► 20-Flanş Contası	► Çiftli Kartuş Salmastra ► Balanslı ► Sıvı Soğutmalı ► Dönme Yönüne Bağımsız	► $d_1 = 25 - 100\text{mm}$ ► $p = 25\text{ bar}$ ► $t = -40 - 220\text{ }^{\circ}\text{C}$ ► $V_g = 10\text{ m/sn}$	► Döner Eleman Yüzey Seçenekleri: Krom-Nikel 316 ti, Silisyumkarbür, Tungstenkarbür, Karbon, Seramik ► Sabit Eleman Yüzey Seçenekleri: Karbon, Silisyumkarbür, Seramik, Tungstenkarbür, Krom-Nikel 316 ti, ► Elastomerler : Viton (FKM), EPDM, Nitril (NBR)
Sabit Eleman Seçenekleri ► STANDART ÖLÇÜLERİNDE			

★ STANDART ÖLÇÜLERİNDE

d ₁	d ₂	d _{3min.}	d _{3max.}	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₁₂	l ₁₃	l ₁₄	l ₁₅	l ₁₆	l ₁₇	a ₁	a ₂	d _a	s
25	43.0	44.0	51.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	62	62	105	13.2
28	46.0	47.0	52.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	62	65	105	13.2
30	48.0	49.0	56.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	65	67	105	13.2
32	49.8	51.0	57.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	67	70	108	13.2
33	49.8	51.0	57.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	67	70	108	13.2
35	53.0	54.0	61.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	70	72	113	13.2
38	56.0	57.0	66.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	75	75	123	13.2
40	58.0	59.0	68.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	75	77	123	14.2
42	60.5	61.5	69.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	80	80	133	14.2
43	60.5	61.5	70.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	80	80	133	14.2
45	62.5	64.0	73.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	81	82	138	14.2
48	65.6	67.0	75.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	84	85	138	14.2
50	68.0	69.0	78.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	87	87	148	14.2
53	72.0	73.0	87.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	97	97	148	18.0
55	73.0	74.0	83.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	90	92	148	18.0
60	78.0	79.0	91.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	102	102	157	18.0
65	84.8	85.7	98.5	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	109	109	163	18.0
70	93.0	95.0	108.0	67	42.4	24.6	25.4	86.5	53.4	33.1	35.0	32.0	17.5	79.5	53.4	26.1	118	118	178	18.0
75	100.0	101.6	118.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	129	129	190	18.0
80	106.4	108.0	124.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	135	135	195	18.0
85	109.5	111.1	128.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	139	139	198	22.0
90	115.9	117.5	135.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	145	145	205	22.0
95	119.1	120.7	138.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	148	148	208	22.0
100	125.4	127.0	144.0	84	57.4	26.6	28.0	108.0	63.9	44.1	46.1	37.9	22.0	-	-	-	154	154	218	22.0



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