

ISO 15552
PNÖMATİK SİLİNDİRLER
ISP-M SERİSİ Ø32 - Ø125



ISP-M SERİSİ

ISO 15552 - Ø32 - Ø125

MANYETİK YASTIKLAMALI SİLİNDİR

ELOKSAL KAPLAMASIYLA
 HİJYEN, ÖZEL KEÇE YAPISIYLA
 UZUN ÖMÜR SUNAR.

**Sipariş örneği:**

ISP-M

Ürün kodu

050-0100

Silindir Ø Strok

AFB

Silindir
bağlantıları

K1

Standart dışı
varyasyonlar**Standart dışı varyasyonlar:**

R1: Paslanmaz çelik silindir mili (SS 304, SS 316)

R5: Silindir mili CK 45 çelik (sert krom kaplamalı)

M1: Silindir milinde uzatılmış erkek diş

M2: Dişi diş açılmış silindir mili

M3: Silindir mili özel diş ölçüsü

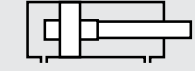
M4: Uzatılmış silindir mili

K1: Maks. 150°C için sızdırmazlık elemanları (viton)

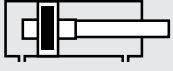
K2: Mil keçesi NBR+PA

K3: Sızdırmazlık elemanları NBR

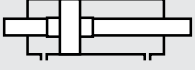
K4: Mil keçesi viton



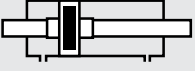
ISP ÇİFT ETKİLİ
YASTIKLAMALI SİLİNDİR



ISP-M: ÇİFT ETKİLİ
YASTIKLAMALI MANYETİK SİLİNDİR



ISP-D: ÇİFT ETKİLİ
YASTIKLAMALI ÇİFT MİLLİ SİLİNDİR



ISP-MD: ÇİFT ETKİLİ
MANYETİK YASTIKLAMALI
ÇİFT MİLLİ SİLİNDİR

Bu ürünlerde yastıklama standarttır.

Kuvvet değeri:

Silindir Ø mm	Mil Ø mm	İtme ve Çekme kuvvetleri (6 Bar)	
		İtme kuvveti (N)	Çekme kuvveti (N)
32	12	482	4
40	16	754	63
50	20	11	
63	20	18	
80	25	3016	2721
100			
125	32	73	

Çalışma akışkanı:

Filtrelenmiş ve yağlanmış ya da filtrelenmiş ve
 yağsız hava

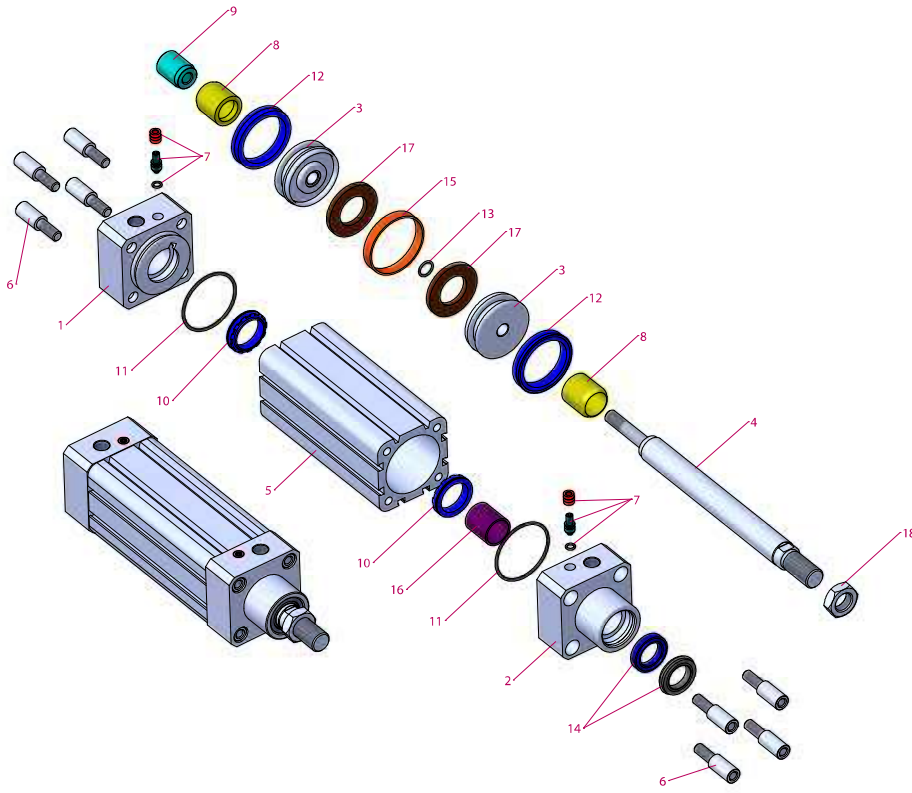
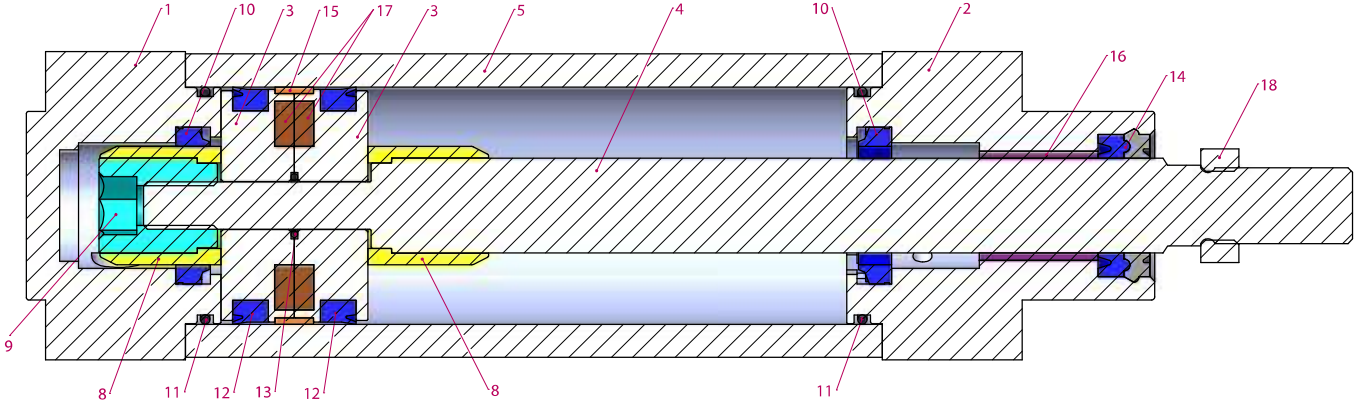
Çalışma sıcaklık derecesi:

Poliüretan (PU) : (-20°C) - (+80°C)

Viton (FKM) : (-30°C) - (+150°C)

Maksimum çalışma basıncı:

10 Bar



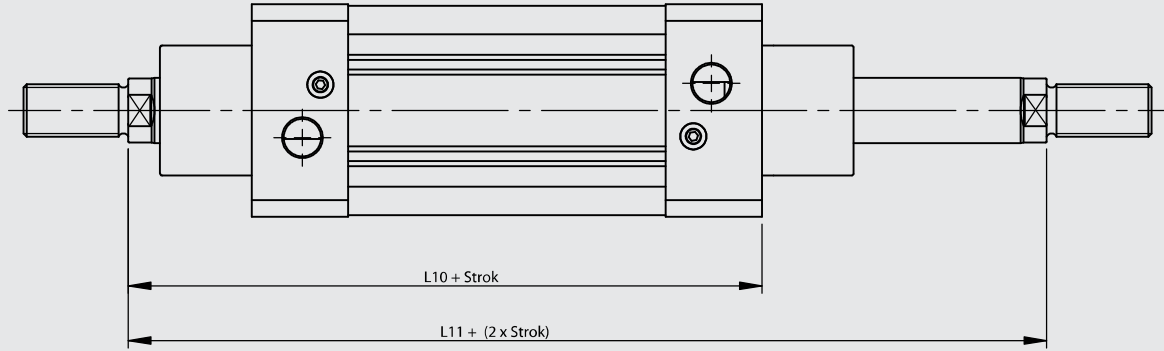
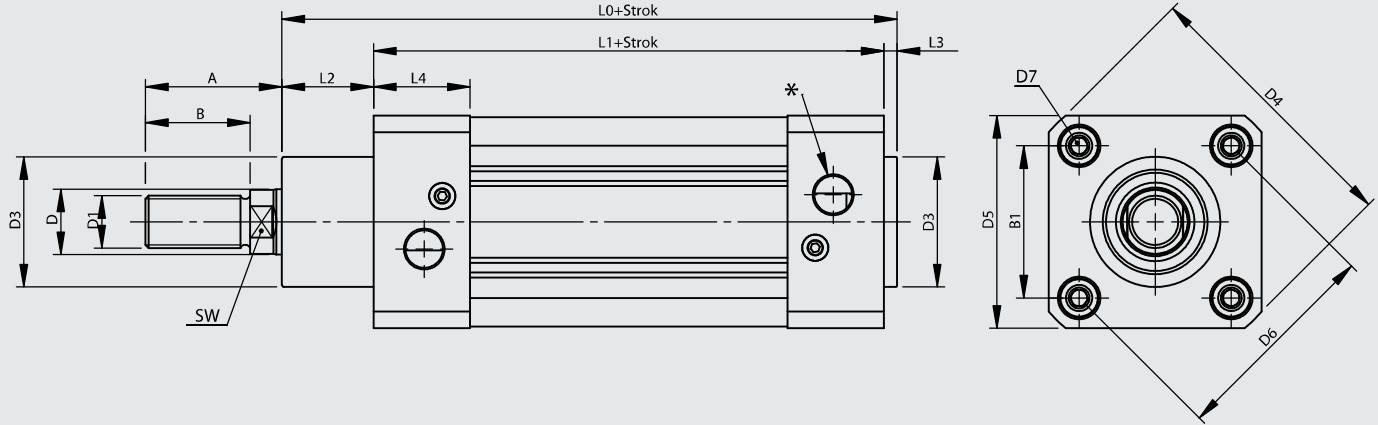
No	Malzeme adı	Malzeme özelliği	Adedi
1	Arka kapak	6082 Al.+ Eloksal Kaplamalı	1
2	Ön kapak	6082 Al.+ Eloksal Kaplamalı	1
3	Orta piston	Alüminyum	2
4	Piston mili	X20 Cr13 Sert Krom kaplamalı	1
5	Boru	Al Mg Si 0,5 + Eloksal kaplamalı	1
6	Cıvata	Paslanmaz çelik	8
7	Yastıklama vidası	Piriç + AISI 303 NBR	2
8	Yastıklama plastiği	Polyacetal	2
9	Yastıklama dişlisi	Galvaniz kaplamalı çelik	1
10	Yastıklama keçesi	PU	2
11	Kapak O-ringi	NBR	2

No	Malzeme adı	Malzeme özelliği	Adedi
12	Piston keçesi	PU	2
13	Orta piston O-ringi	NBR	1
14	Mil keçesi	HYTREL + PU	1
15	Yataklama bandı	Polyacetal	1
16	Yataklama burcu	CSB-40	1
17	Miknatis		1
18	Somun	Paslanmaz çelik	1

Not:

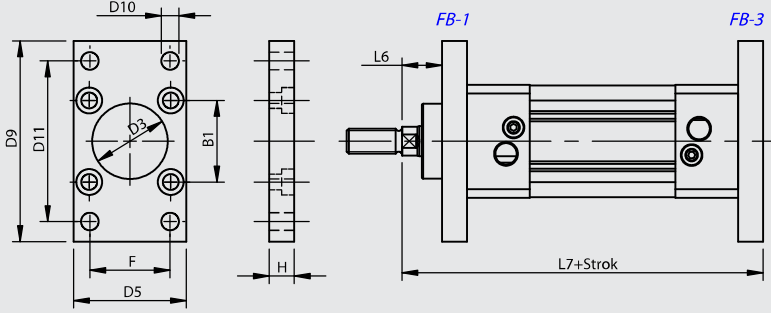
Çap 32' de yastıklama plastiği yerine yastıklama sarısı, yastıklama plastiği dişlisi yerine ise yastıklama sarısı dişlisi kullanılmaktadır. (Malzeme: Piriç)

Çap 125'te yastıklama plastiği yerine yastıklama alüminyum, yastıklama plastiği dişlisi yerine ise yastıklama alüminyum dişlisi kullanılmaktadır. (Malzeme: Eloksal kaplı alüminyum)

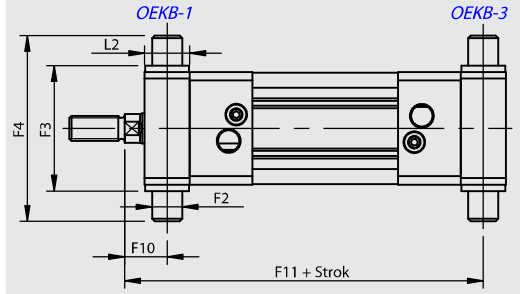


Silindir Ø mm	A	B	B1	D Ø	D1	D3 Ø	D4	D5	D6 Ø	D7	L0	L1	L2	L3	L4	L10	L11	SW	*
32	30	22	32,5	12	M10x1.25	30	59	45	46	M6	116	94	18	4	25	120	146	10	G1/8"
40	34	24	38	16	M12x1.25	35	70,2	54	53,7	M6	129	105	20	4	27	135	165	13	G1/4"
50	41	32	46,5	20	M16x1.5	40	84,2	65	65,7	M8	138	106	28	4	29,5	143	180	17	G1/4"
63	42	32	56,5	20	M16x1.5	45	99,5	76	80	M8	152	121	27	4	34,5	158	195	17	G3/8"
80	52	40	72	25	M20x1.5	45	123,8	94	101,8	M10	167	128	34	4	35	174	220	22	G3/8"
100	52,5	40	89	25	M20x1.5	55	148,8	112	125,9	M10	182,5	138	38,5	4	38	189	240	22	G1/2"
125	73	54	110	32	M27x2	60	179,5	134	155,5	M12	213	160	46	6	44	225	290	27	G1/2"

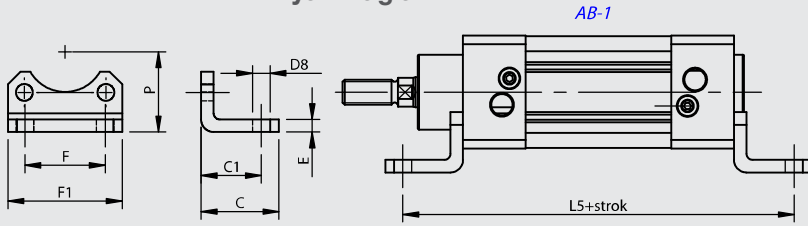
FB Flanş Bağlantı



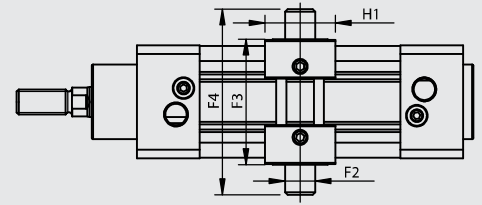
OEKB Orta Eklem Kapak Bağlantılı



AB Ayak Bağlantı

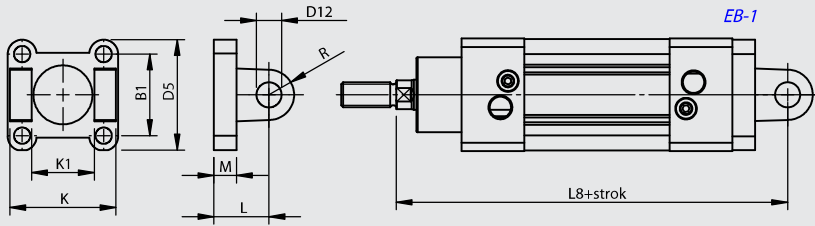


OEB-3 Orta Eklem Bağlantı

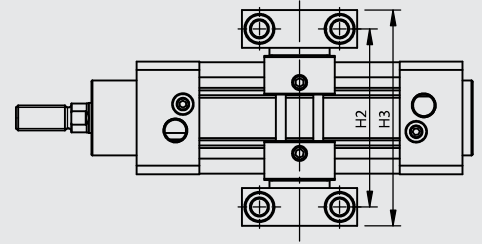


OEB-3 : Ayarlanabilir Bağlantı

EB Eklem Bağlantı

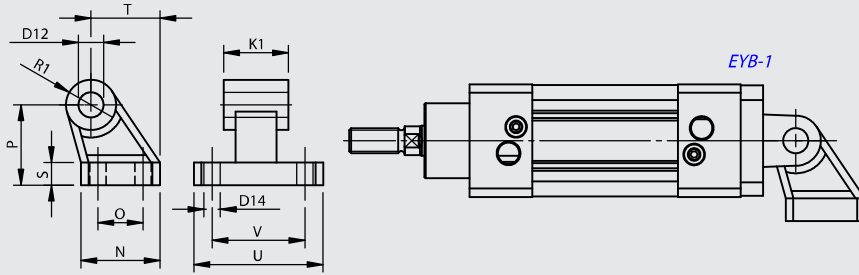


DMB Destek Masfal Bağlantı



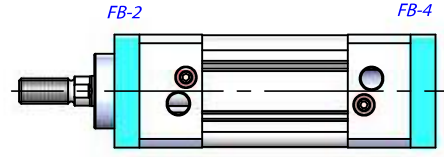
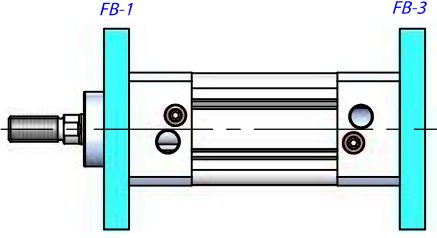
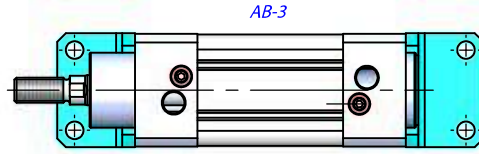
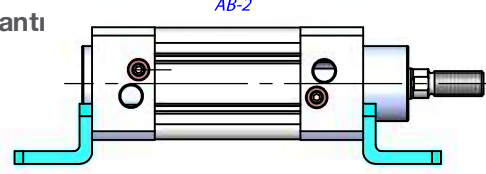
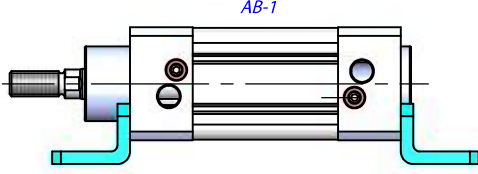
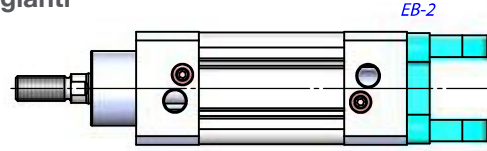
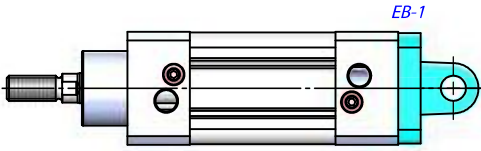
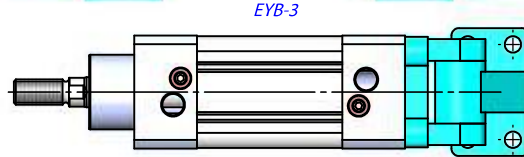
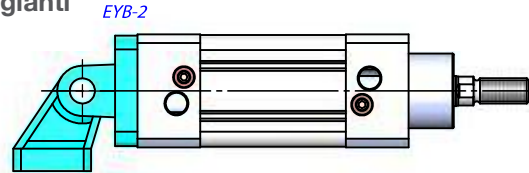
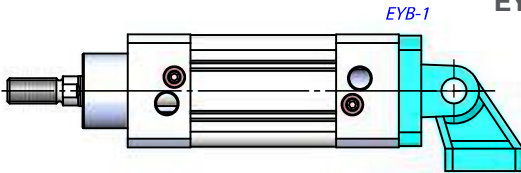
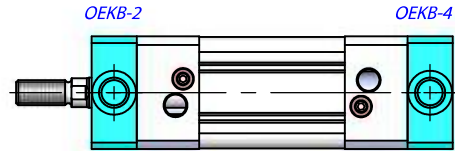
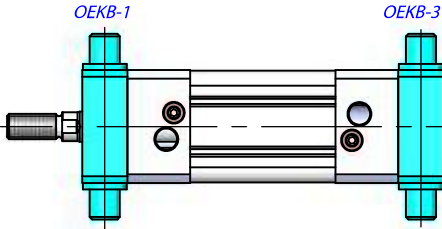
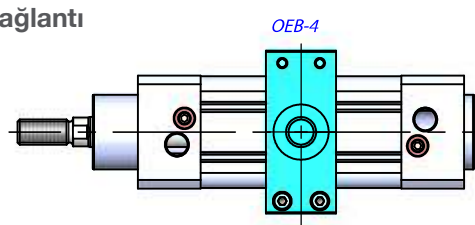
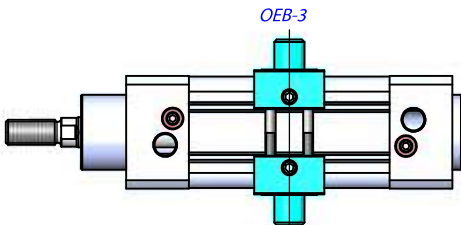
YB Yer Bağlantı

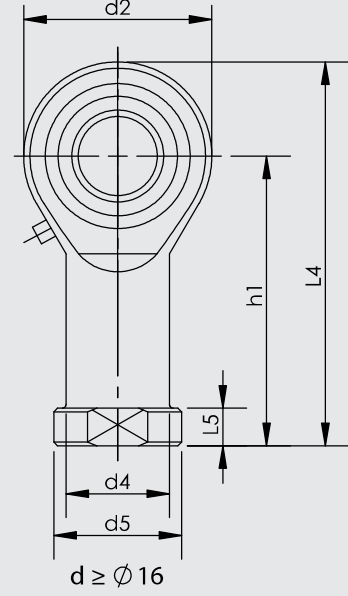
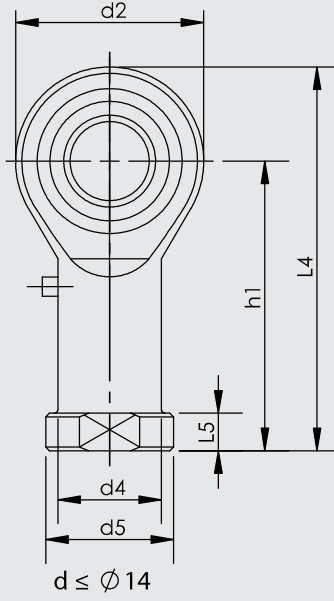
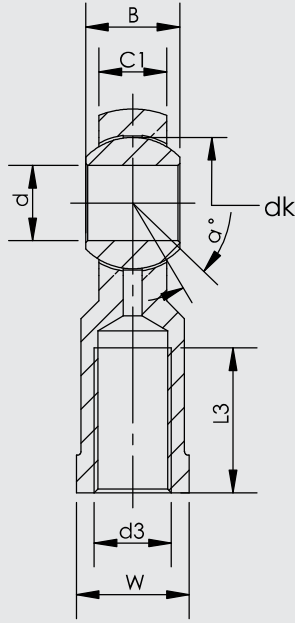
EYB Eklem Yer Bağlantı



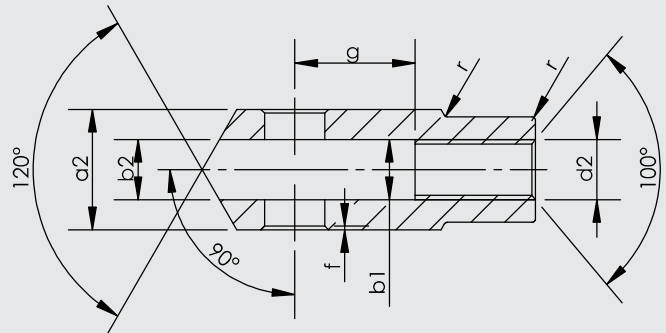
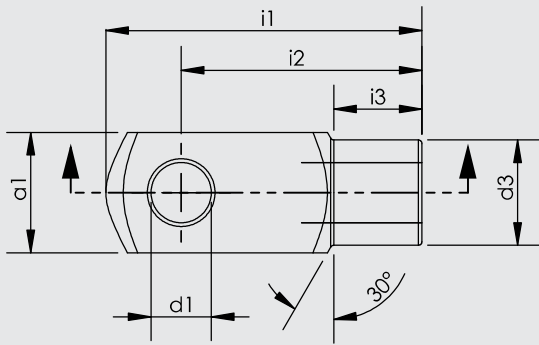
Silindir Ø mm	B1	C	C1	D3 Ø H11	D5	D8 Ø H14	D9	D10 Ø H13	D11 JS14	D12 Ø H9	D14 Ø H13	E	F	F1	F2 Ø e9	F3 h14	F4	F5 ±0,2	F6	F7	F8	F9 Ø H13	F10	F11
32	32.5	30	24	30	45	7	80	7	64	10	6.6	5	32	45.5	12	50	74	32	46	30	6.8	6.6	17	129
40	38	37	28	35	54	10	90	9	72	12	6.6	5	36	54.5	16	63	95	36	55	36	9	9	20	145
50	46.5	41	32	40	65	10	110	9	90	12	9	6	45	65	16	75	107	36	55	36	9	9	23	157
63	56.5	44	32	45	76	10	120	9	100	16	9	6	50	76	20	90	130	42	65	40	11	11	23.5	171.5
80	72	56	41	45	94	12	150	12	126	16	11	6	63	94	20	110	150	42	65	40	11	11		
100	89	58	41	55	112	14	175	14	150	20	11	6	75	112	25	132	182	50	75	50	13	14	31.8	208.3
125	110	67	45	60	134	16	21																	

Silindir Ø mm	H	H1 -0,2	H2	H3	H4	H5 Ø H13	H6	K h14	K1 H14	L	L2	L5	L6	L7	L8	M	N	O JS14	P JS16	R	R1	S	T	U	V JS14
32	10	28	71	86	15	11	10.5	45	26	22	18	142	16	130	142	9	31	18	32	10	10	8	27.5	51	38
40	10	28	87	105	18	15	12	52	28	25	20	161	20	145	160	9	35	22	36	12	11	10	30.5	54	41
50	12	34	99	117	18	15	12	60	32	27	28	170	25	155	170	11	45	30	45	13	13	12	40.5	65	50
63	12	34	116	136	20	18	13	70	40	32	27	185	25	170	190	11	50	35	50	16	15	12	44.5	67	52
80	16	34	136	156	20	18	13	90	50	36	34	210	30	190	210	14	60	40	63	16					
100	16	44	164	189	24.5	20	16	110	60	41	38.5	220	35	205	230	14	70	50	71	20	19	15	65	96	76
125	20	44	192	217	24.5	20	16	130	70	50	46	250	45	245	275	15	90	60	90	25	22.5	20	85	124	94

FB Flanş Bağlantı**AB Ayak Bağlantı****EB Ekleme Bağlantı****EYB Ekleme Yer Bağlantı****OEKB Orta Ekleme Kapak Bağlantılı****OEB Orta Ekleme Bağlantı**



Parça No.	Ölçüler (mm)													
	d	d3 6H	B	C1	W	L3 min	d2	L4	h1	L5	d4	d5	dk	a°
KMB 10 -1	10	M10x1.25	14	10.5	17	20	26	56	43	6.5	15	19	19.05	13
KMB 12 -1	12	M12x1.25	16	12	19	22	30	65	50	6.5	17.5	22	22.225	13
KMB 16 -1	16	M16x1.5	21	15	22	28	40	84	64	8	22	27	28.575	15
KMB 20	20	M20x1.5	25	18	30	33	50	102	77	10	27.5	34	34.925	14
KMB 28	28	M27x2.0	35	24	41	48	66	136	103	14	37	46	47.6	15
KMB 30-1	30	M27x2.0	37	25	41	51	70	145	110	15	40	50	50.8	17
KMB 30	30	M30x2.0	37	25	41	51	70	145	110	15	40	50	50.8	17



Silindir Ø mm	d1 H9	g ±0,5	a1 h 11	a2 +0,3 -0,16	b1 B 13	b2	d2 6H	d3 ±0,3	f ±0,2	i1 ±0,5	i2	i3 ±0,2	r
32	10	20	20	20	10	10	M10x1.25	18	0.5	52	40	15	0.5
40	12	24	24	24	12	12	M12x1.25	20	0.5	62	48	18	0.5
50	16	32	32	32	16	16	M16x1.5	26	1	83	64	24	1
63	16	32	32	32	16	16	M16x1.5	26	1	83	64	24	1
80	20	40	40	40	20	20	M20x1.5	34	1.5	105	80	30	1.5
100	20	40	40	40	20	20	M20x1.5	34	1.5	105	80	30	1.5
125	25	50	50	50	25	25	M27x2	42	1.5	132	100	36	1.5