İÇİNDEKİLER

PRODUCTS

ENİS UZ
GENEL MÜDÜR

Hakkımızda

Tekmak 1970 yılında kurulmuş olup 2500 m2 kapalı alanda modern tezgahları ile donatılmış fabrikasında pnömatik ve hidrolik ekipmanlar üretmektedir. 2001 yılı itibariyle ISO 9001:2000 Kalite Güvence Belgesi olan TEKMAK ürün çeşitlerini arttırp eski günlerini de geliştirereksektöre en iyi hizmeti vermektedir.

Tekmak profesyonel yönetim sistemi genç başarılı kadrosuyla gerek satış ve pazarlama gerekse teknik destek sağlama konularında gösterdiği başarılarla sektörde hak ettiği yerde olmanın haklı gururunu yaşamaktadır.

Misyonumuz

* Yüksek standartlı, kaliteli hizmet vererek müşteri memnunitini en üst düzeye çıkarmak.
* Her zaman fikri tüketen değil fikir üreten olma amacımız, çalışmalarımızla salt Türkiye'yi değil tüm dünya ülkelerini pazar olarak görmekteyiz.
* Profesyonel disiplin ve amatör bir ruh ile çalışan kadroya sahip olmak, yerel ve küresel bakış açısına sahip bir kurum olarak sektördeki öncü rolünü korumak.
* Ürettiğimiz bütün ürünlerde marka olmak.
* Kaliyeteyi hep ön planda tutmak.

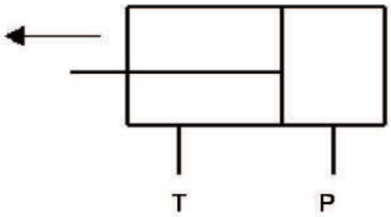
Vizyonumuz

* Şirket olarak yaptığımız işlerde ve ürünlerde en iyisini yakalamak.
* Çalışanlarımıza, ortaklarımıza, müşterilerimize davranışlarımızda; karşılıklı saygı, itibar ve dürüstlük temel ilkelerimizdir.Sürekli kalite iyilileştirme anlayışınıbenimsemek paylaşmak, bilgi ve becerilerimizi müşterilerimizin hizmetine sunarak, müşterilerimizin memnuniyetini her şeyin üzerinde tumak.
* Dünya markası olarak anılmak....

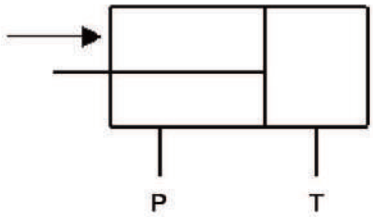
TEKMAK

SİLİNDİRLERİN TEORİK
İTME - ÇEKME KUVVETLERİ
DOUBLE ACTING CYLINDER PUSH - PULL POWER

İTME KUVVETİ (N)
(Push)



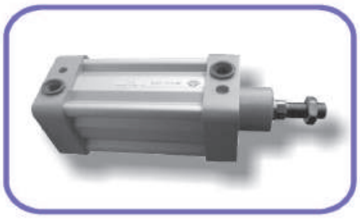
ÇEKME KUVVETİ (N)
(Pull)

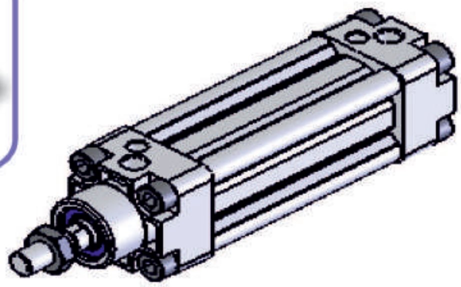


BORU ÇAPI (TUBE SIZE)	MİL ÇAPI (ROD DIAMETER)	ETKİ YÖNÜ (ACTION)	PİSTON ALANI (PISTON AREA)	ETKİ EDEN BASINÇ ALANI / RELATED PRESSURE AREA (BAR = kg / cm²)							
				1	2	3	4	5	6	7	8
				Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg
12	6	İtme / (Push)	1,13	1,13	2,26	3,39	4,52	5,64	6,78	7,91	9,04
		Çekme / (Pull)	0,85	0,85	1,7	2,54	3,39	4,24	5,8	5,93	6,78
16	6	İtme / (Push)	2,01	2,01	4,02	6,03	8,04	10,05	12,06	14,07	16,08
		Çekme / (Pull)	1,73	1,73	3,45	5,18	6,91	8,63	10,36	12,09	13,82
20	8	İtme / (Push)	3,14	3,14	6,25	9	12	15	18	21	24
		Çekme / (Pull)	2,64	2,64	5,3	7	10	13	15	18	20
25	10	İtme / (Push)	4,9	4,9	9,8	14	19	24	29	34	38
		Çekme / (Pull)	4,12	4,1	8,2	12	16	20	24	28	32
32	12	İtme / (Push)	8,04	8	16	24	32	40	48	56	64
		Çekme / (Pull)	6,9	7	14	21	27	34	41	48	54
40	16	İtme / (Push)	12,56	12	25	37	50	63	75	88	101
		Çekme / (Pull)	10,55	10	21	31	42	52	63	73	84
50	20	İtme / (Push)	19,62	19	39	59	78	98	118	137	157
		Çekme / (Pull)	16,48	16	33	49	66	82	99	115	132
63	20	İtme / (Push)	31,16	31	62	93	124	156	187	218	249
		Çekme / (Pull)	28,01	28	56	84	112	140	168	196	224
80	25	İtme / (Push)	50,24	50	100	150	201	251	301	351	402
		Çekme / (Pull)	45,33	45	90	136	181	226	272	317	362
100	25	İtme / (Push)	78,5	78	157	235	314	392	471	549	627
		Çekme / (Pull)	73,6	73	147	220	294	368	441	515	589
125	32	İtme / (Push)	122,65	122	245	368	400	613	736	859	980
		Çekme / (Pull)	114,62	114	229	344	485	573	688	802	917
160	45	İtme / (Push)	200,1	200	400,2	600,3	800,4	1000,5	1200,6	1400,7	1600,8
		Çekme / (Pull)	185,06	185	370	555	740	925	1110	1295	1480
200	45	İtme / (Push)	314	314	628	942	1256	1570	1884	2198	2512
		Çekme / (Pull)	298,1	298	596,2	894,3	1192,4	1490,5	1788,6	2086,7	2385
250	50	İtme / (Push)	490,6	490	981	1471,8	1962	2453	2943,6	3434,2	3924
		Çekme / (Pull)	471	471	942	1413	1884	2355	2826	3297	3468

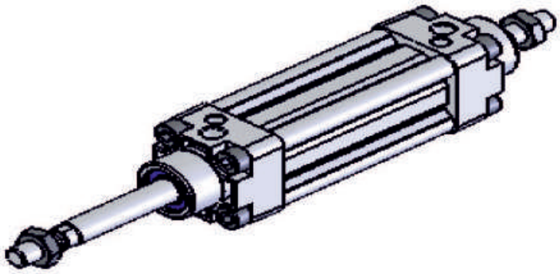
CETOP RP 43 P

ALÜMİNYUM GÖVDE SİLİNDİR GRUBU
ALIMINIUM BODY CYLINDER GROUP

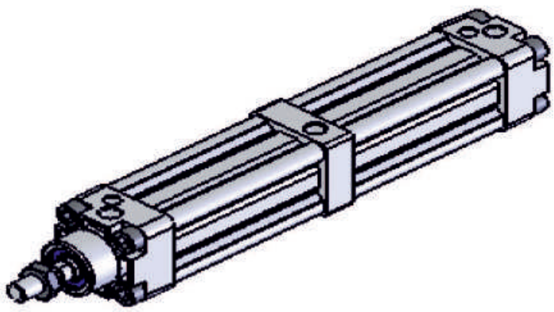




TEKMAK ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TAS)**
TEKMAK MANYETİK ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TMAS)**
TEKMAK YASTIKLI ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TYAS)**
TEKMAK YASTIKLI MANYETİK ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TYMAS)**



TEKMAK ÇİFT MİLLİ ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TCAS)**
TEKMAK ÇİFT MİLLİ MANYETİK ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TCMAS)**
TEKMAK ÇİFT MİLLİ YASTIKLI ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TCYAS)**
TEKMAK Ç.MİLLİ YASTIKLI MANYETİK ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TCYMAS)**



TEKMAK TANDEM ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TTAS)**
TEKMAK TANDEM YASTIKLI ALÜMİNYUM SİLİNDİR	**Ø32--Ø100 (TTYAS)**

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Cylinder Diameter Strok

TAS 080 050 HY

TAS - 080 - 050 - HY

Yardımcı ekipman / Auxiliary equipment
Strok / Stroke
Silindir çapı / Cylinder diameter

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TEKNİK ÖZELLİKLER

Çalışma Ortamı	: Filtrelenmiş sıkıştırılmış hava
Çalışma sıcaklığı	: -20 / +70ºC
Çalışma basıncı min.	: 0.1 Mpa-Tek etkili:0.3 Mpa
Çalışma basıncı max.	: 1.2 Mpa
Uygulanabilir hız	: 500 mm/s
Yağlama	: Şardlandırıcı yağı
Strok hatası	: ±0.3 mm
Hareket tipi	: Çift etkili
Mil	: CK-45 sert krom kaplı
Boru	: ALMGSİ05 Extrüzyon
Sızdırmazlık	: Poliüraten+NBR
Manyatik siviç	: CS 32B - CS 50B - CS 80

TECNICAL PROPERTIES

Working enviroment	: Fitler and compresure air
Operating temperature	: -20 / +70ºC
Working pressure min.	: 0.1 Mpa-Single action:0.3 Mpa
Working pressure max.	: 1.2 Mpa
Applicable speed	: 500 mm/s
Lubrication	: 10 number naturel FRL oil
Stroke error	: ±0.3 mm
Action type	: Double action
Rod	: CK-45 strong chorome covering
Pipe	: ALMGSİ05
Seals	: Polyurethane+ NBR
Magnet switch	: CS 32B - CS 50B - CS 80B

İSTEĞE BAĞLI ÖZELLİKLER

Aşırı sıcak ortamlar için özel

Tek etkili (yay dönüşlü)

Strok ayarlı

Mil ölçüsü değişebilir

Silindir mili paslanmaz olarak üretilebilir

CHANGEABLE PROPERTIES

Special cylinder for extremly hot environment

Single acting (Spring returned) cylinder

Setting stroke cylinder

Chanceable rod dimensions

Stainless rod possibility

SİLİNDİR MODELLERİ

TAS	: Alüminyum silindir
TYAS	: Yastıklı alüminyum silindir
TMAS	: Manyatik alüminyum silindir
TYMAS	: Yastıklı manyatik alüminyum silindir
TCAS	: Çift milli alüminyum silindir
TCYAS	: Çift milli yastıklı alüminyum silindir
TCMAS	: Çift milli manyetik alüminyum silindir
TCYMAS	: Çift milli yastıklı manyatik alüminyum silindir
TTAS	: Tandem alüminyum silindir
TTYAS	: Tandem yastıklı alüminyum silindir
TÖAS	: Özel alüminyum silindir

CYLINDER MODELS

TAS	: Aliminum cylinder
TYAS	: Cushoin aliminum cylinder
TMAS	: Magnet aliminum body cylinder
TYMAS	: Cushoin magnet aliminum body cylinder
TCAS	: Double rod aliminum cylinder
TCYAS	: Double rod cushoin aliminum cylinder
TCMAS	: Double rod magnet aliminum body cylinder
TCYMAS	: Double rod cushoin magnet aliminum body cylinder
TTAS	: Tandem aliminum cylinder
TTYAS	: Tandem cushoin aliminum cylinder
TOAS	: Spacial aliminum cylinder

STANDART BORU ÇAPLARI

Ø32	Ø50	Ø80	Ø125
Ø40	Ø63	Ø100	

STANDARD PIPE DIAMETER

Ø32	Ø50	Ø80	Ø125
Ø40	Ø63	Ø100	

STANDART STROKLAR

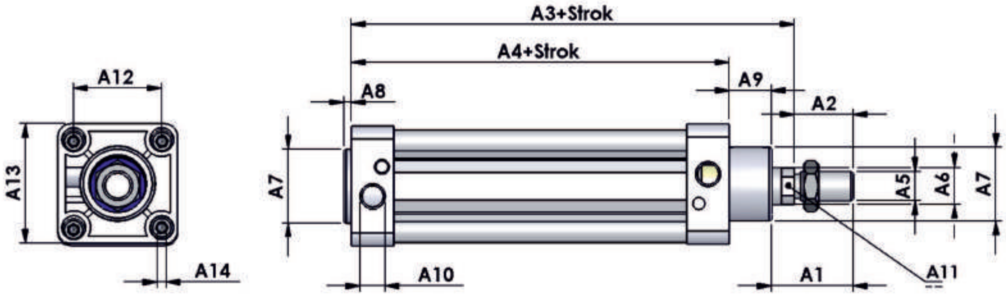
50 100 160 200 250

STANDARD STROKES

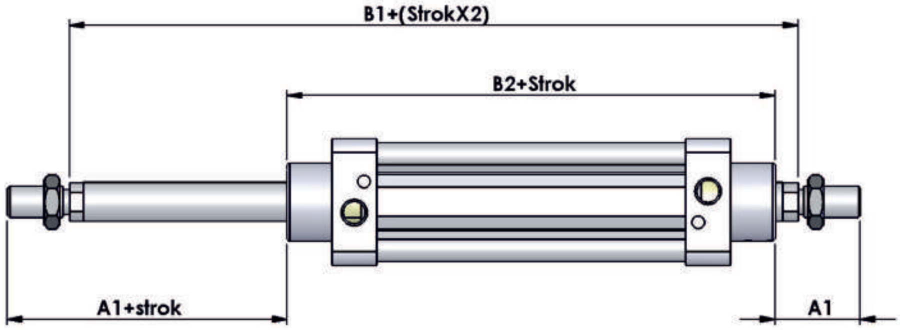
50 100 160 200 250

CETOP RP 43 P

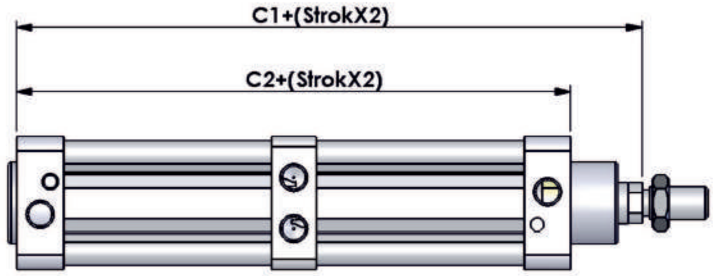
ALÜMİNYUM SİLİNDİR / ALUMINIUM CYLINDER



ÇİFT MİLLİ ALÜMİNYUM SİLİNDİR / DOUBLE ROD ALUMINIUM CYLINDER



TANDEM ALÜMİNYUM SİLİNDİR / TANDEM ALUMINIUM CYLINDER

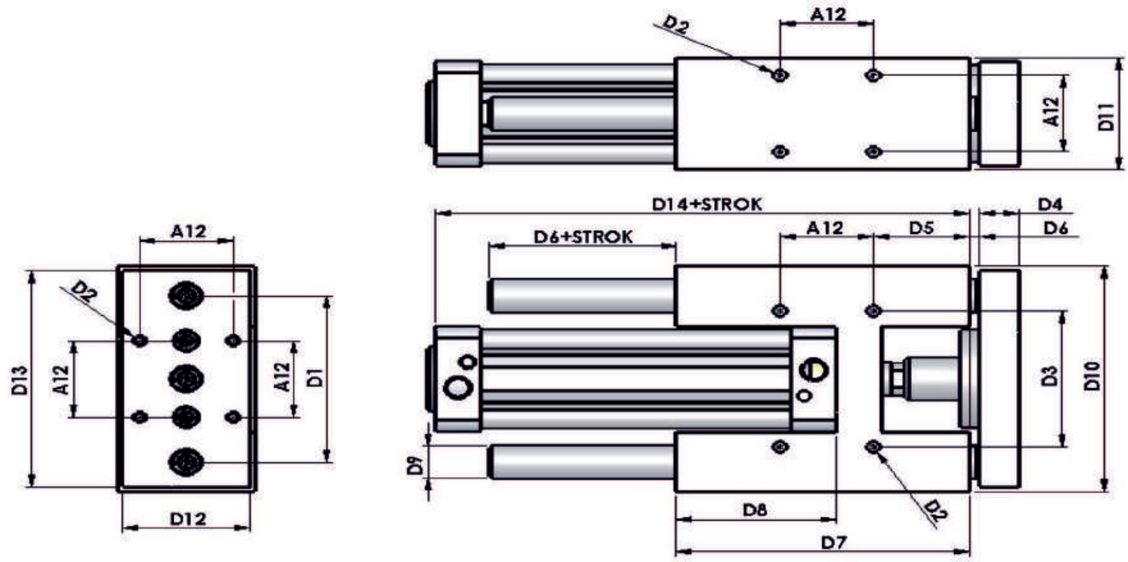


Ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	B1	B2	C1	C2
32	30	23	115.5	92	M10X1,25	12	30	3	16	1/8	10	32.5	45	M5	138.5	124.5	168	145
40	34	24	134	105	M12X1,25	16	35	4	19	1/4	14	38	54	M5	159.5	141.5	195.5	166.5
50	44	32	140	105	M16X1,5	20	40	5	23	1/4	17	46.5	65	M6	175	151	207	172
63	44	32	147	109	M16X1,5	20	42	6	26	3/8	17	56.5	80	M6	185	161	216	176,5
80	54	42	166.5	120.5	M20X1,5	25	47	6	34	3/8	22	69.6	96	M8	212.5	188.5	234	188
100	54	42	181.5	129.5	M20X1,5	25	52	7	40	1/2	22	93.5	127	M8	233.5	209.5	260.5	208.5
125	73	54	205.5	138.5	M24X2	32	60	7	48	1/2	27	110	140	M12	272,5	234,5	327	260

NOT:Ø125 lık Silindirin A5 ölçüsü İsteğe Göre M27X2 Yapılmaktadır.
NOTE:Ø125-A5 is optional. It can produce M27x2.

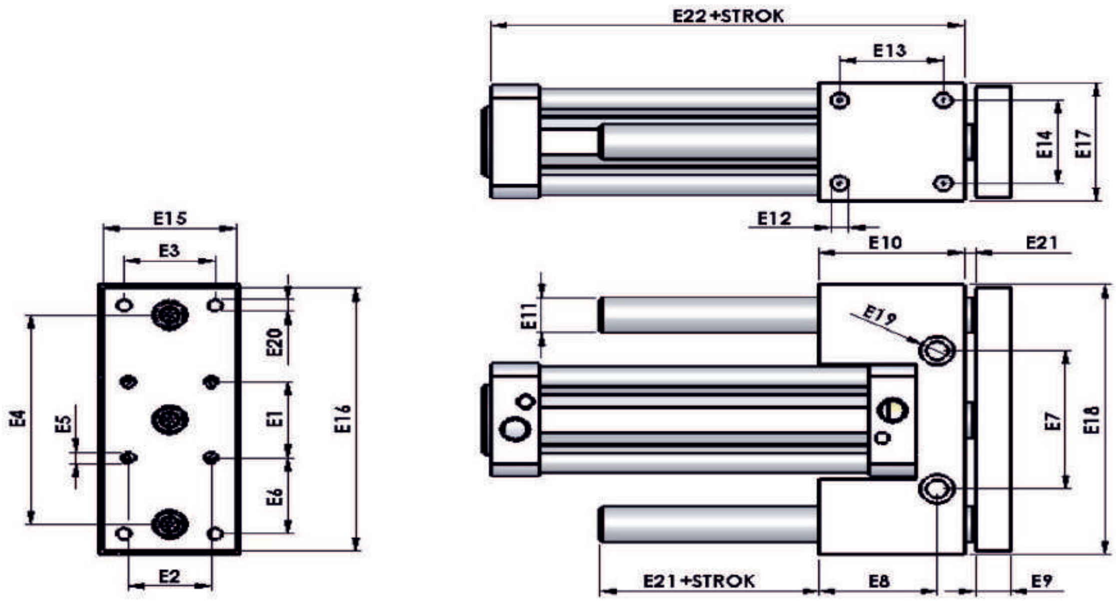
CETOP RP 43 P

H YATAKLI ALÜMİNYUM SİLİNDİR (HY) / H GUIDE ALUMINIUM CYLINDER (HG)



Ø	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14
32	74	M6	61	15	34	5	115	67	12	99	50	45	95	140.5
40	87	M6	69	15	43	5	134	77	16	119	56	50	115	160.5
50	104	M8	85	20	49	5	150	82	20	141	70	65	135	173
63	119	M8	100	20	55	5	170	96	20	156	80	75	150	186

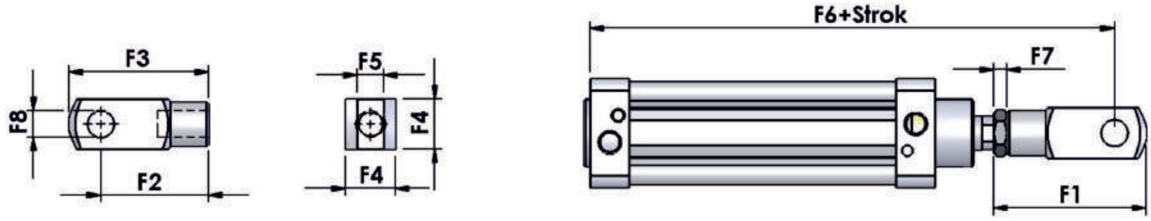
U YATAKLI ALÜMİNYUM SİLİNDİR (UY) / U GUIDE ALUMINIUM CYLINDER (SSC)



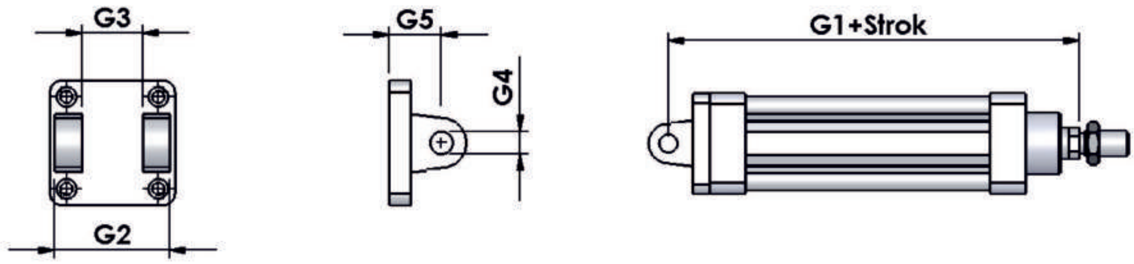
Ø	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18	E19	E20	E21	E22
32	40	22	30	90	M8	32	56	44	15	55	12	M8	35	32	40.5	118	47	120	Ø13.5X8,5-ø8.5	M6	5	109.5
40	40	32	32	96	M8	32	64	46	15	58	16	M8	38	40	49	122	55	124	Ø13.5X8,5-ø8.5	M8	5	123.5
50	44	44	44	121	M8	44	80	57	17	70	20	M10	50	48	64	152	68	156	Ø16.5X10.5-ø10,5	M8	5	128
63	46	58	58	130	M8	47	88	62	17	75	20	M10	55	60	78	160	80	164	Ø16.5X10.5-ø10,5	M8	5	138

CETOP RP 43 P

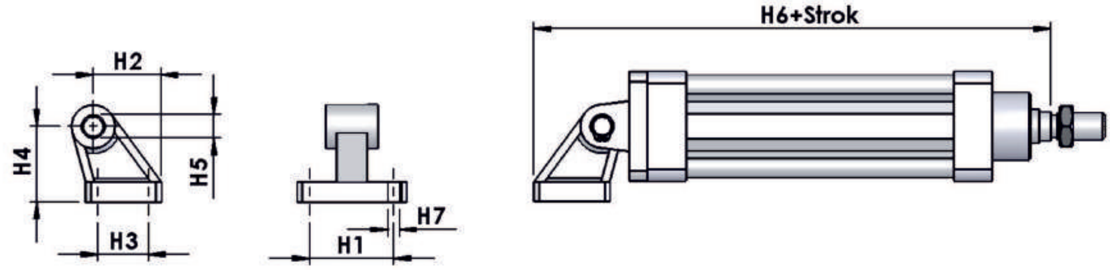
ÇATAL BAĞLANTI (ÇB) / ROD CLEVIS (RC)



EKLEM BAĞLANTI (EB) / SWIVEL FLANGE (SF)



EKLEM YER BAĞLANTI (EYB) / SWIVEL FLANGE WITH FOOT MOUNTING (SFWFM)



Ø	F1	F2	F3	F4	F5	F6	F7	F8	G1	G2	G3	G4	G5	H1	H2	H3	H4	H5	H6	H7
32	59	41	53	20	10	162.5	6	10	137.5	45	26	10	22	38	27.5	18	32	10	165	5.5
40	70	47	63	24	12	186,5	7	12	157	54	27.5	12	24.5	41	30.5	22	36	12	187,5	6
50	91	62	83	30	16	210.5	8	16	167,5	65	31.5	12	27	50	40.5	30	45	12	208	7
63	91	62	83	30	16	217	8	16	181,5	75	39	16	35	52	44.5	35	50	16	226	7
80	113.5	80	105	40	20	255	8.5	20	204.5	96	50	16	38	66	57	40	63	16	261.5	9
100	113.5	80	105	40	20	270	8.5	20	225.5	115	60	20	41	76	65	50	71	20	289.5	9
125	145	100	132	50	25	325	13	25	267.5	138	71	25	55.5	93	85	60	90	25	652.5	11

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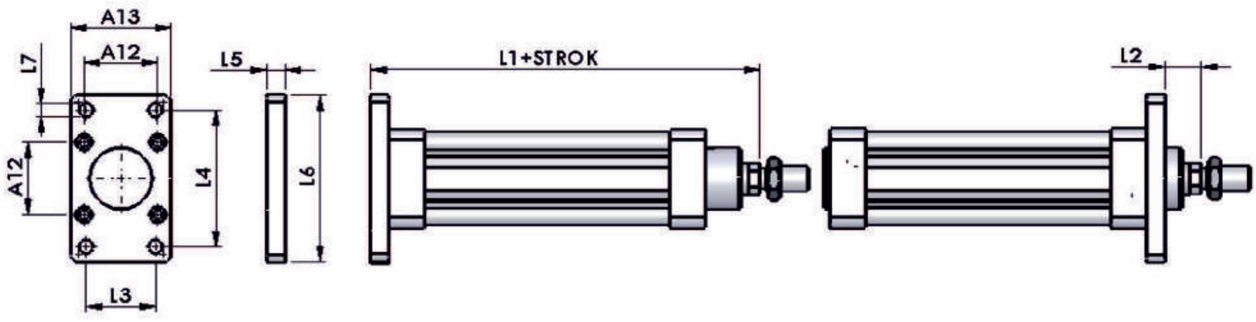
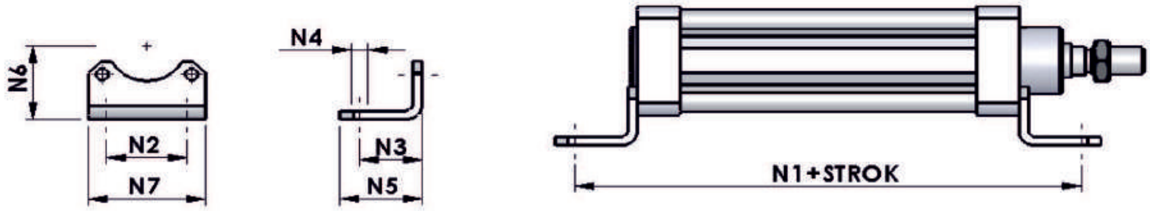
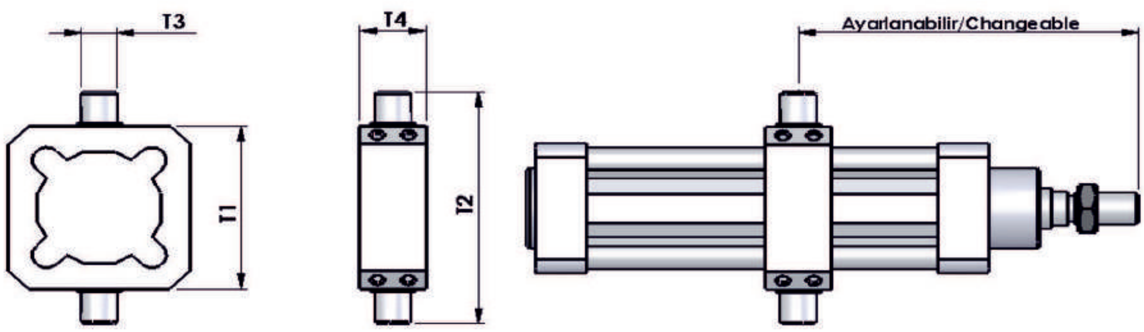
FLANŞ BAĞLANTI (FB) / FLANGE MOUNTING (MF)



AYAK BAĞLANTI (AB) / FOOT MOUNTING (FM)



ORTA EKLEM BAĞLANTI (OEB) / CENTRAL TURINNION MOUNTING (FM)

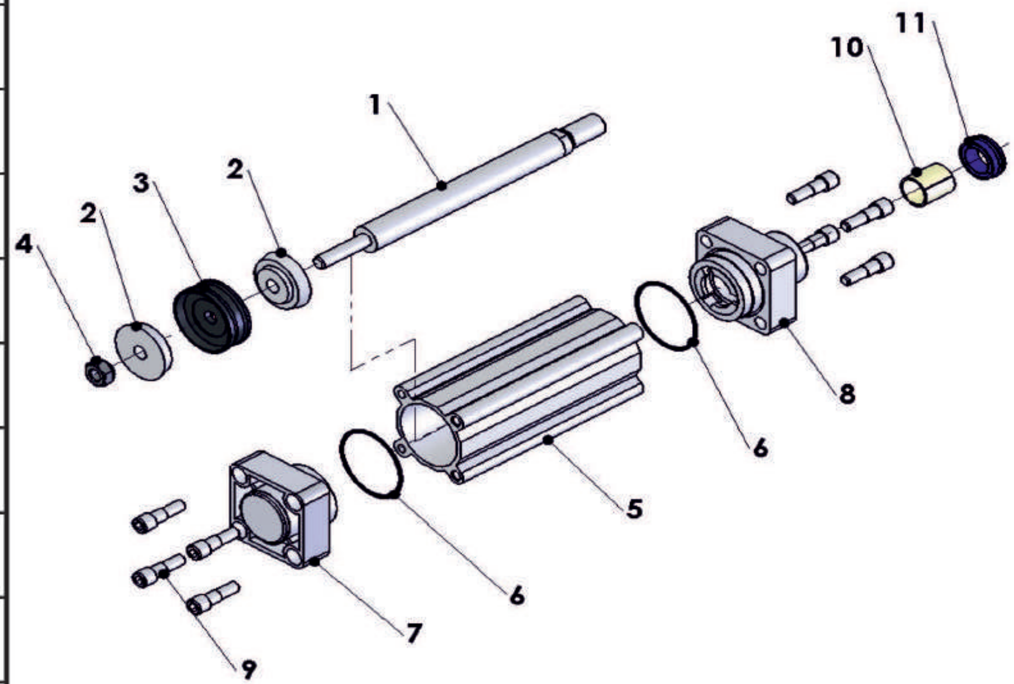


Ø	L1	L2	L3	L4	L5	L6	L7	N1	N2	N3	N4	N5	N6	N7	T1	T2	T3	T4
32	125	13	32	64	10	77	7	138	32	23	7	33	31	45	61	87	12	25
40	142.5	20	36	72	10	90	9	155.5	36	27	9	36	34	55	75	105	16	25
50	152.5	23	45	90	12	110	9	172.5	43.5	33.5	9	44	51	63	85	117	16	30
63	162	23	50	100	15	125	9	176	50	33.5	9	50	51	80	103	141	20	38
80	184.5	28	63	126	18	154	12	194.5	63	37	12	56	63	96	124	168	20	40
100	199.5	34	75	150	18	186	14	210.5	75	41	14	56	73	123	145	195	25	46
125	232	26	90	180	20	210	16	244	90	50	16	69	105	140	164	210	25	55

CETOP RP 43 P

ALÜMİNYUM GÖVDE SİLİNDİR GRUBU / ALUMINIUM BODY CYLINDER GROUP

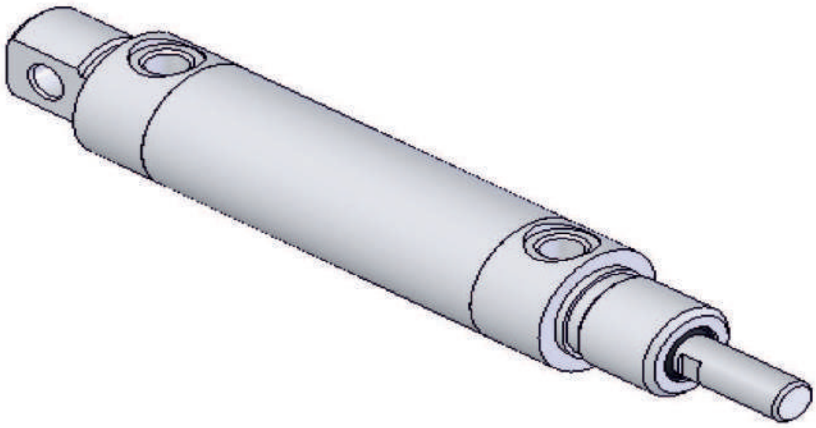
Numara NR.	Parça Adı Name of the Parts	Malzemesi Material
1	Mil Rod	CK 45 Sert Krom Kaplı CK45 Hard Chrome Plated
2	Piston Keçe Pulu Piston Seal Washer	Alüminyum Aluminium
3	Piston Keçesi Piston Seal	NBR
4	Fiberli Somun Fiber Nut	Q St 36/2
5	Silindir Borusu Cylinder Tube	Anodized Alüminyum Anodized Aluminum
6	O-Ring	NBR
7	Arka Kafa Back Cover	Alüminyum Aluminium
8	Ön Kafa Head Cover	Alüminyum Aluminium
9	Cıvata Bolt	Galvanizli Çelik Galvanized Steel
10	Sinter Burç Sinter Bushing	Sinter Bronz Sinter Bronze
11	Boğaz Keçesi Rod Seal	Poliüretan 90 Shore A PU 90 Shore A

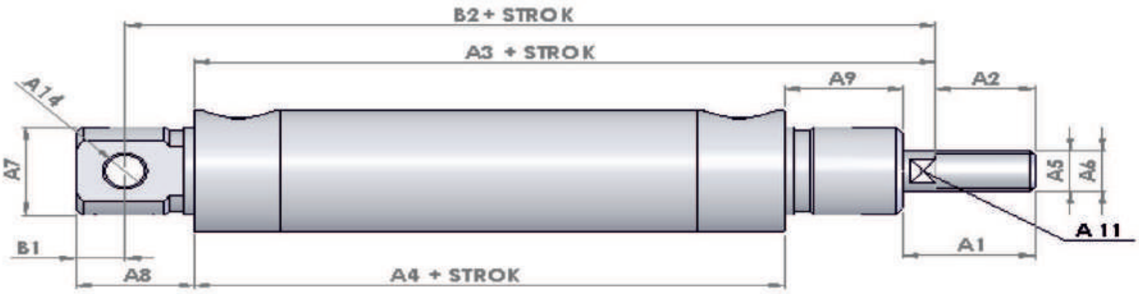


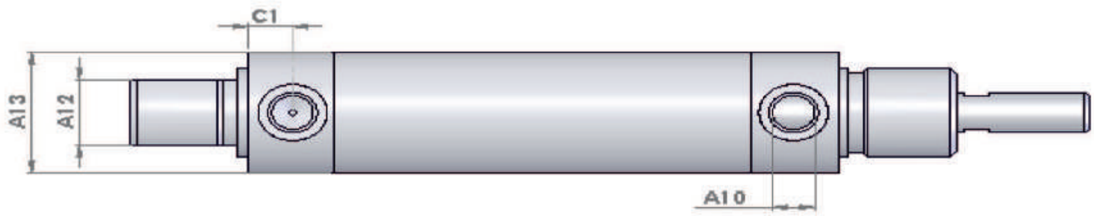
CETOP RP 43 P

YUVARLAK ÇELİK GÖVDE NORMAL SİLİNDİR GRUBU
CIRCULAR BODY NORMAL CYLINDER GROUP

TEKMAK NORMAL SİLİNDİR / NORMAL CYLINDER **TNS 25**







A1	27		**A8**	24		**B1**	10
A2	20		**A9**	24		**B2**	114
A3	100		**A10**	1/8		**C1**	9
A4	69		**A11**	8			
A5	M10x1.5		**A12**	16			
A6	10		**A13**	30			
A7	M22x1.5		**A14**	8			

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Cylinder Diameter Stroke

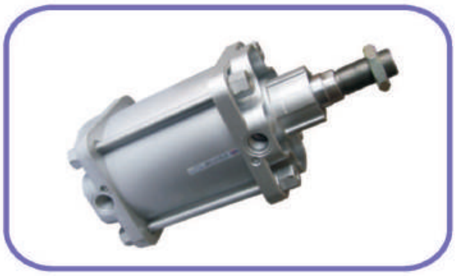
TNS 025 160

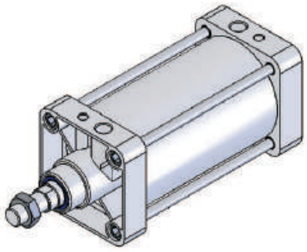
TNS - 025 - 160

Strok / Stroke
Silindir çapı / Cylinder diameter
Model / Model

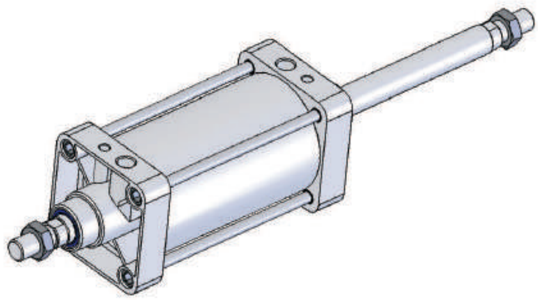
CETOP RP 53 P

YUVARLAK GÖVDE NORMAL SİLİNDİR GRUBU
CIRCULAR BODY NORMAL CYLINDER GROUP

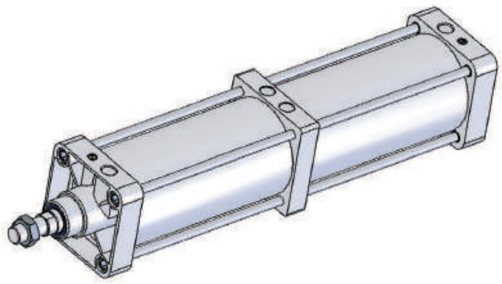




TEKMAK NORMAL SİLİNDİR — **Ø125--Ø250 (TNS)**
TEKMAK YASTIKLI NORMAL SİLİNDİR — **Ø125--Ø250 (TYNS)**



TEKMAK ÇİFT MİLLİ NORMAL SİLİNDİR — **Ø125--Ø250 (TCNS)**
TEKMAK ÇİFT MİLLİ YASTIKLI NORMAL SİLİNDİR — **Ø125--Ø250 (TCYNS)**



TEKMAK TANDEM NORMAL SİLİNDİR — **Ø125--Ø250 (TTNS)**
TEKMAK TANDEM YASTIKLI NORMAL SİLİNDİR — **Ø125--Ø250 (TTYNS)**

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Cylinder Diameter Strok

TNS 125 160 ÇB

TNS - 125 - 160 - ÇB

- ÇB → Yardımcı ekipman / Auxiliary equipment
- 160 → Strok / Stroke
- 125 → Silindir çapı / Cylinder diameter
- TNS → Model / Model

CETOP RP 53 P

TEKNİK ÖZELLİKLER

Çalışma Ortamı	: Filtrelenmiş sıkıştırılmış hava
Çalışma sıcaklığı	: -20 / +70ºC
Çalışma basıncı min.	: 0.1 Mpa-Tek etkili:0.3 Mpa
Çalışma basıncı max.	: 1.2 Mpa
Uygulanabilir hız	: 500 mm/s
Yağlama	: Şardlandırıcı yağı
Strok hatası	: ±0.3 mm
Hareket tipi	: Çift etkili
Mil	: CK-45 sert krom kaplı
Sızdırmazlık	: Poliüraten+NBR

TECNICAL PROPERTIES

Working enviroment	: Fitler and compresure air
Operating temperature	: -20 / +70ºC
Working pressure min.	: 0.1 Mpa-Single action:0.3 Mpa
Working pressure max.	: 1.2 Mpa
Applicable speed	: 500 mm/s
Lubrication	: 10 number naturel FRL oil
Stroke error	: ±0.3 mm
Action type	: Double action
Rod	: CK-45 strong chorome covering
Seals	: Polyurethane+ NBR

İSTEĞE BAĞLI ÖZELLİKLER

Aşırı sıcak ortamlar için özel

Tek etkili (yay dönüşlü)

Strok ayarlı

Mil ölçüsü değişebilir

Silindir mili paslanmaz olarak üretilebilir

CHANGEABLE PROPERTIES

Special cylinder for extremly hot environment

Single acting (Spring returned) cylinder

Setting stroke cylinder

Chanceable rod dimensions

Stainless rod possibility

SİLİNDİR MODELLERİ

TNS	: Normal silindir
TYNS	: Yastıklı normal silindir
TCNS	: Çift milli normal silindir
TCYNS	: Çift milli yastıklı normal silindir
TTNS	: Tandem normal silindir
TTYNS	: Tandem yastıklı normal silindir
TÖNS	: Özel normal silindir

CYLINDER MODELS

TNS	: Normal cylinder
TYNS	: Cushoin normal cylinder
TCNS	: Double rod normal cylinder
TCYNS	: Double rod cushoin normal cylinder
TTNS	: Tandem normal cylinder
TTYNS	: Tandem cushoin normal cylinder
TONS	: Spacial normal cylinder

STANDART BORU ÇAPLARI

Ø125	Ø200
Ø160	Ø250

STANDARD PIPE DIAMETER

Ø125	Ø200
Ø160	Ø250

STANDART STROKLAR

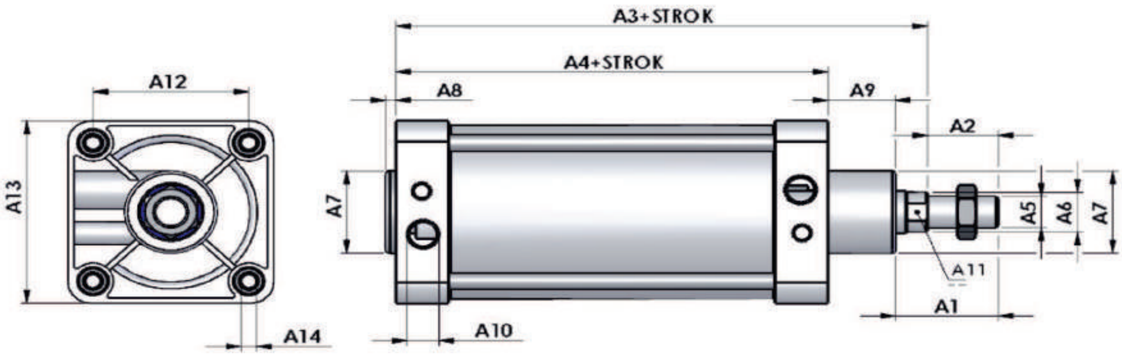
50 100 160 200 250

STANDARD STROKES

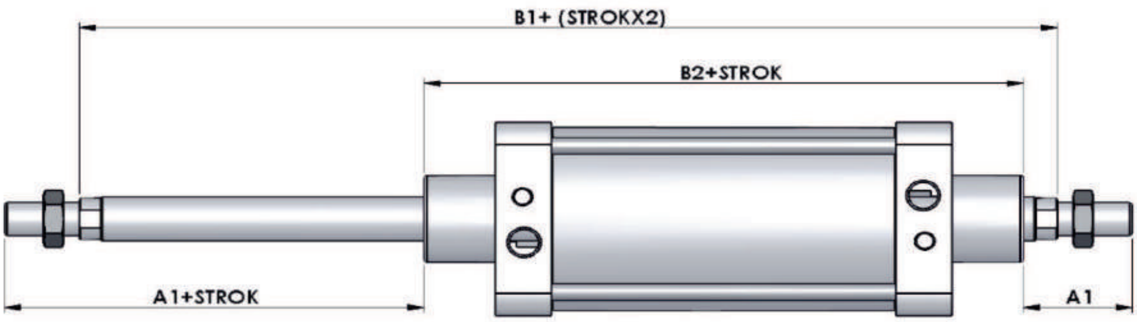
50 100 160 200 250

CETOP RP 53 P

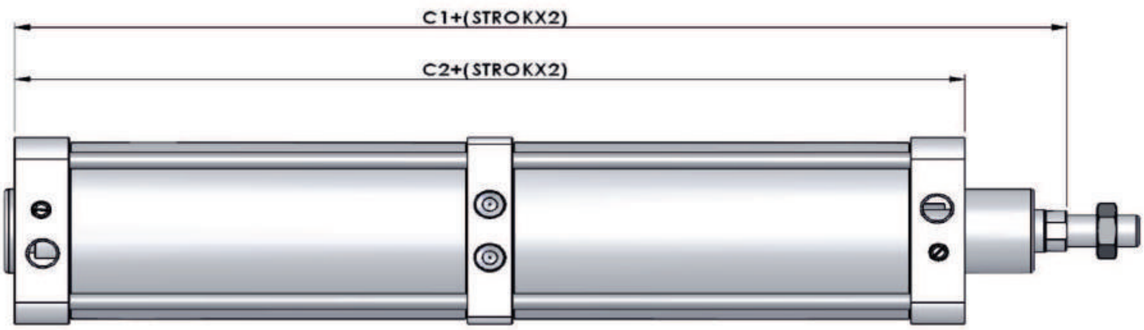
NORMAL SİLİNDİR / NORMAL CYLINDER



ÇİFT MİLLİ NORMAL SİLİNDİR / DOUBLE ROD NORMAL CYLINDER



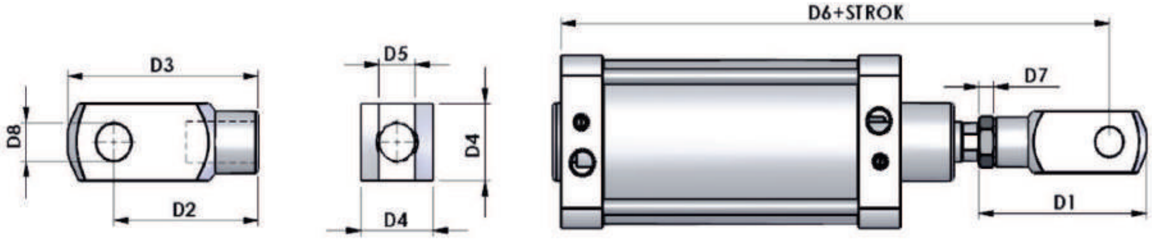
TANDEM NORMAL SİLİNDİR / TANDEM NORMAL CYLINDER



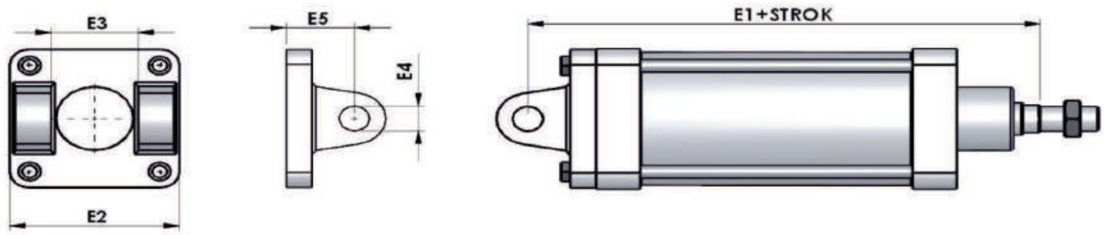
Ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	B1	B2	C1	C2
125	70	48	212	144	M24x2	32	60	7	46	1/2	27	106	140	M12	280	236	300.5	232.5
160	102	72	246	164	M36x2	45	77	10	52	3/4	41	134.4	184	M14	328	268	348.5	266.5
200	102	72	279.5	184.5	M36x2	45	80	12	65	3/4	41	165.5	228	M14	374.5	314.5	415	320
250	114	84	308	204	M42x2	50	100	14	74	1"	45	203.5	273	M18	412	352	426	322

CETOP RP 53 P

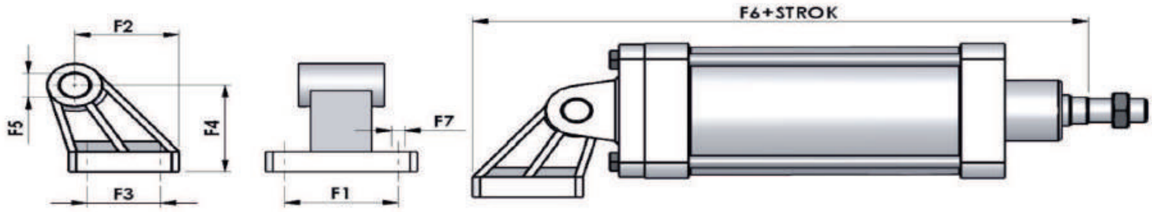
ÇATAL BAĞLANTI (ÇB) / ROD CLEVIS (RC)



EKLEM BAĞLANTI (EB) / SWIVEL FLANGE (SF)



EKLEM YER BAĞLANTI (EYB) / SWIVEL FLANGE WITH FOOT MOUNTING (SFWFM)

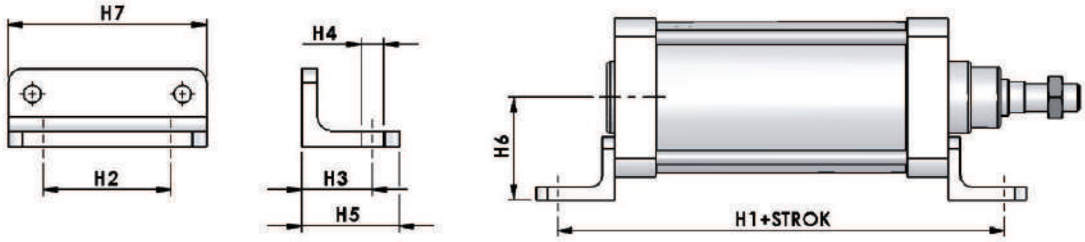


Ø	D1	D2	D3	D4	D5	D6	D7	D8	E1	E2	E3	E4	E5	F1	F2	F3	F4
125	145	100	132	50	25	325	13	25	267.5	138	71	25	55.5	93	85	60	90
160	204	144	190	70	30	404	14	30	306	184	88	30	60	118	116	88	115
200	204	144	190	70	30	437.5	14	30	345.5	226	90	30	66	122	125	90	119
250	238	168	220	80	40	494	18	40	378	270	110	40	70	150	153	110	165

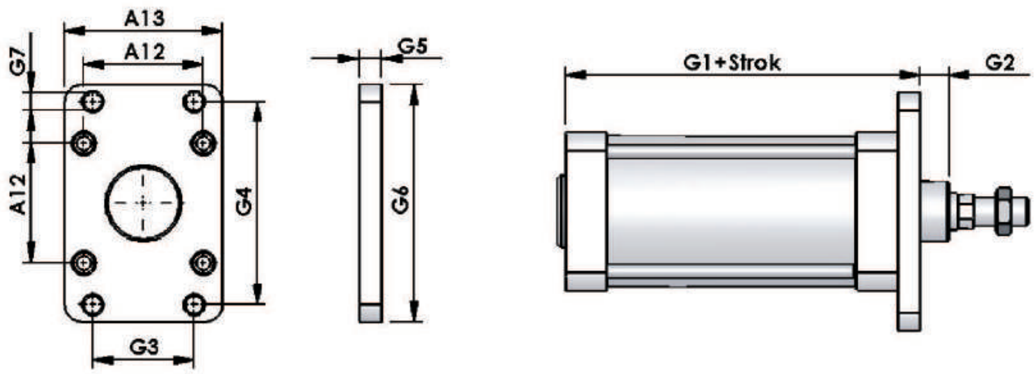
Ø	F5	F6	F7
125	25	352.5	11
160	30	394	14
200	30	470.5	15
250	40	531	20

CETOP RP 53 P

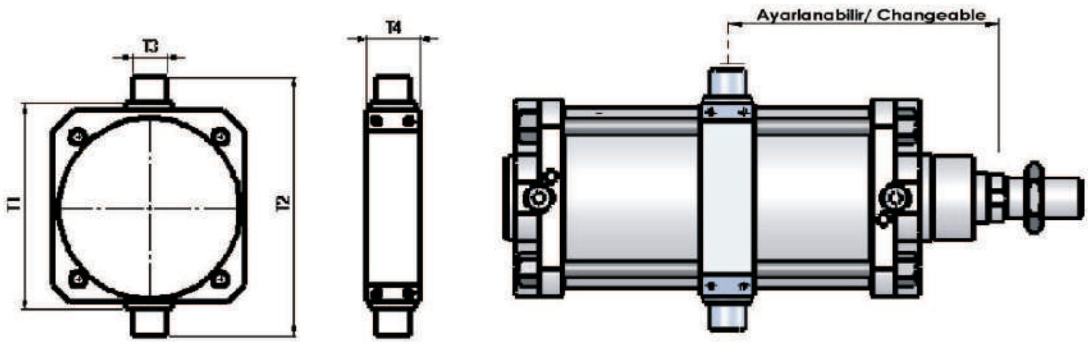
AYAK BAĞLANTI(AB) / FOOT MOUNTING (FB)



FLANŞ BAĞLANTI (FB) / FLANGE MOUNTING (MF)



ORTA EKLEM BAĞLANTI (OEB) / CENTRAL TURINNION MOUNTING (FM)

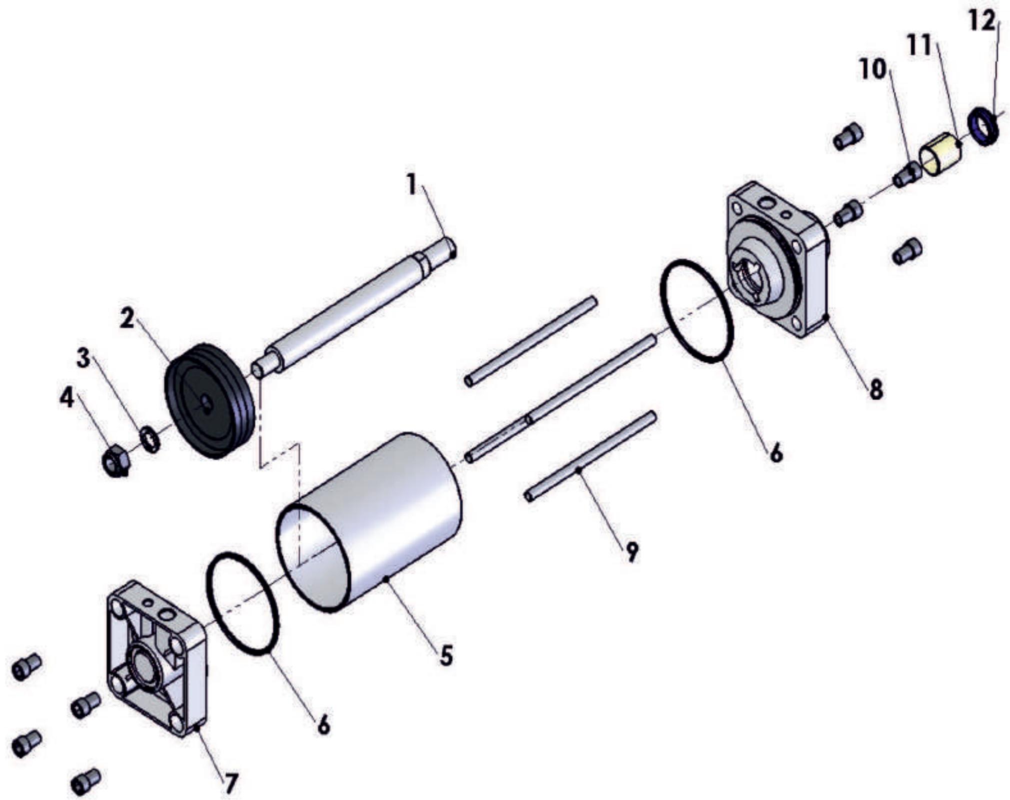


Ø	H1	H2	H3	H4	H5	H6	H7	T1	T2	T3	T4	G1	G2	G3	G4	G5	G6	G7
125	244	90	50	16	69	90	140	145	194	25	45	164	26	90	180	20	210	16
160	294	115	65	18	87	115	180	195	243	32	50	189	27	115	230	25	280	18
200	324.5	135	70	22	95	135	220	250	310	32	48	209.5	40	135	270	25	320	22
250	354	165	75	26	105	165	270	320	400	40	62	229	49	165	330	25	390	26

CETOP RP 53 P

YUVARLAK GÖVDE NORMAL SİLİNDİR GRUBU / CIRCULAR BODY NORMAL CYLINDER GROUP

Numara NR.	Parça Adı Name of the Parts	Malzemesi Material
1	Mil Rod	CK 45 Sert krom kaplı CK 45 Hard chrome plated
2	Piston Keçesi Piston Seal	NBR
3	Piston Rondelası Piston Washer	Yay Çeliği Spring Steel
4	Fiberli Somun Fiberli Nut	Q St 36/2
5	Boru Pipe	Alüminyum Aluminium
6	O-Ring	NBR
7	Arka Kafa Head Cover	Alüminyum Aluminium
8	Ön Kafa Back Cover	Alüminyum Aluminium
9	Bağlantı Mili Tie-Rod	Çelik Steel
10	Bağlantı Somunu Tie-Nut	Galvanizli Çelik Galvanized Steel
11	Sinter Burç Sinter Bushing	Sinter Bronz Sinter Bronze
12	Boğaz Keçesi Rod Seal	Poliüretan 90 Shore A PU 90 Shore A



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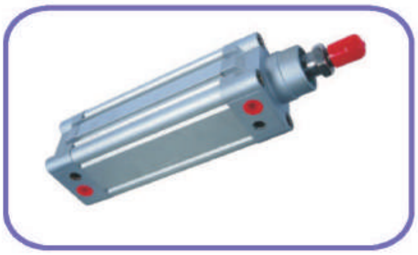
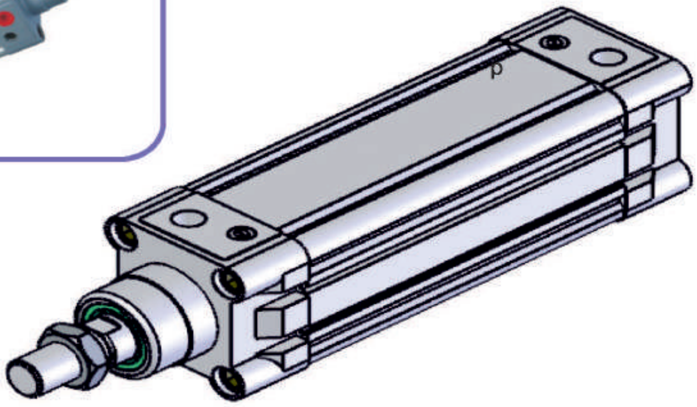
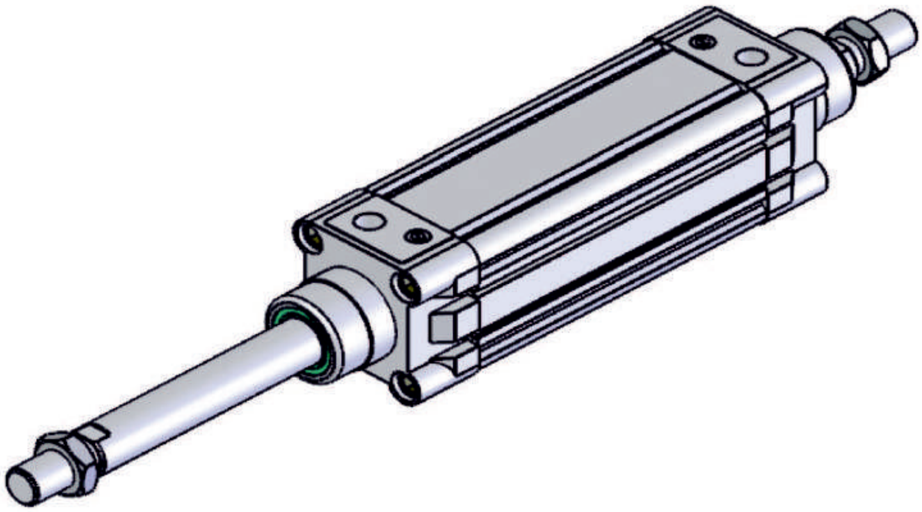
VDMA 24562-1





TEKMAK VDMA SİLİNDİR **Ø32--Ø100 (TITS)**



TEKMAK ÇİFT MİLLİ VDMA SİLİNDİR **Ø32--Ø100 (TCITS)**

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Cylinder Diameter Strok

TITS 032 050 EYB

TITS - 080 - 050 - EYB

Yardımcı ekipman / Auxiliary equipment
Strok / Stroke
Silindir çapı / Cylinder diameter
Model / Model

ISO 6431

TEKNİK ÖZELLİKLER

Çalışma Ortamı	: Filtrelenmiş sıkıştırılmış hava
Çalışma sıcaklığı	: -20 / +70ºC
Çalışma basıncı min.	: 0.1 Mpa-Tek etkili:0.3 Mpa
Çalışma basıncı max.	: 1.0 Mpa
Uygulanabilir hız	: 500 mm/s
Yağlama	: Önemsiz
Strok hatası	: ±0.3 mm
Hareket tipi	: Çift etkili
Mil	: CK-45 sert krom kaplı
Boru	: ALMGSĠ05
Sızdırmazlık	: Poliüraten+NBR
Manyetik güç	: T-32R

TECNICAL PROPERTIES

Operating enviroment	: Fitler and compresure air
Operating temperature	: -20 / +70ºC
Operating pressure min.	: 0.1 Mpa-Single action:0.3 Mpa
Operating pressure max.	: 1.0 Mpa
Applicable speed	: 500 mm/s
Lubrication	: No reguired
Stroke error	: ±0.3 mm
Action type	: Double action
Rod	: CK-45 hard chrome plated
Pipe	: ALMGSĠ05
Seals (Leak-proof)	: Polyurethane+ NBR
Magnet switch	:T-32R

İSTEĞE BAĞLI ÖZELLİKLER

Aşırı sıcak ortamlar için özel

Tek etkili (yay dönüşlü)

Strok ayarlı

Mil ölçüsü değişebilir

Silindir mili paslanmaz olarak üretilebilir

CHANGEABLE PROPERTIES

Special cylinder for extremly hot environment

Single acting (Spring returned) cylinder

Stroke adjustment

Chanceable rod dimensions

Stainless rod possible

SİLİNDİR MODELLERİ

TITS	: VDMA silindir
TCITS	: Çift milli VDMA silindir
TTITS	: Tandem VDMA silindir
TÖITS	: Özel VDMA silindir

CYLINDER MODELS

TIS	: VDMA cylinder
TCITS	: Double rod VDMA cylinder
TTITS	: Tandem VDMA cylinder
TÖITS	: Special VDMA cylinder

STANDART BORU ÇAPLARI

Ø32	Ø50	Ø80
Ø40	Ø63	Ø100

STANDARD PIPE DIAMETER

Ø32	Ø50	Ø80
Ø40	Ø63	Ø100

STANDART STROKLAR

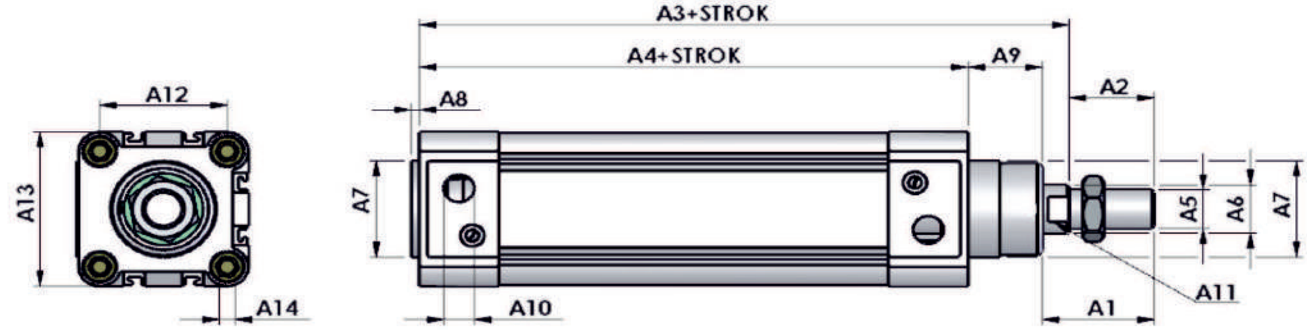
50 100 160 200 250

STANDARD STROKES

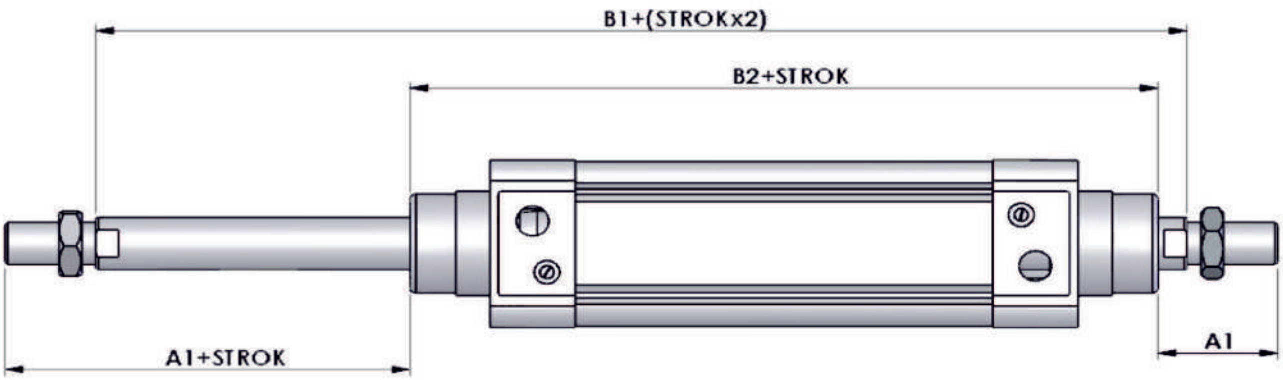
50 100 160 200 250

ISO 6431

VDMA SİLİNDİR / VDMA CYLINDER



ÇİFT MİLLİ VDMA SİLİNDİR / DOUBLE ROD VDMA CYLINDER



Ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	B1	B2
32	30	22	120	94	M10X1,25	12	30	4	18	1/8	10	32.5	45	M6	146	130
40	34	24	137	105	M12X1,25	16	35	4	22	1/4	14	38	53	M6	168	148
50	42	32	144	106	M16X1,5	20	40	4	28	1/4	17	46.5	63	M8	181	161
63	42	32	159	121	M16X1,5	20	44	4	28	3/8	17	56.5	74	M8	197	177
80	58	44	179	130	M20X1,5	25	45	5	34	3/8	22	72	82	M10	228	200
100	58	44	190	138	M20X1,5	25	55	6	38	1/2	22	89	109	M10	242	214
125	73	54	200	160	M27x2	32	60	7	40	1/2	27	110	145	M12	278	240

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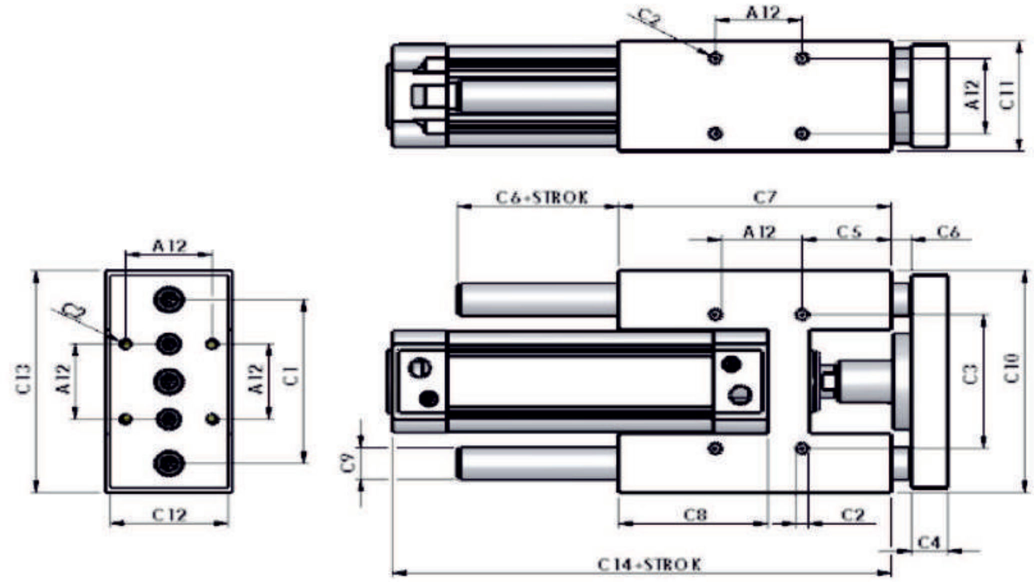
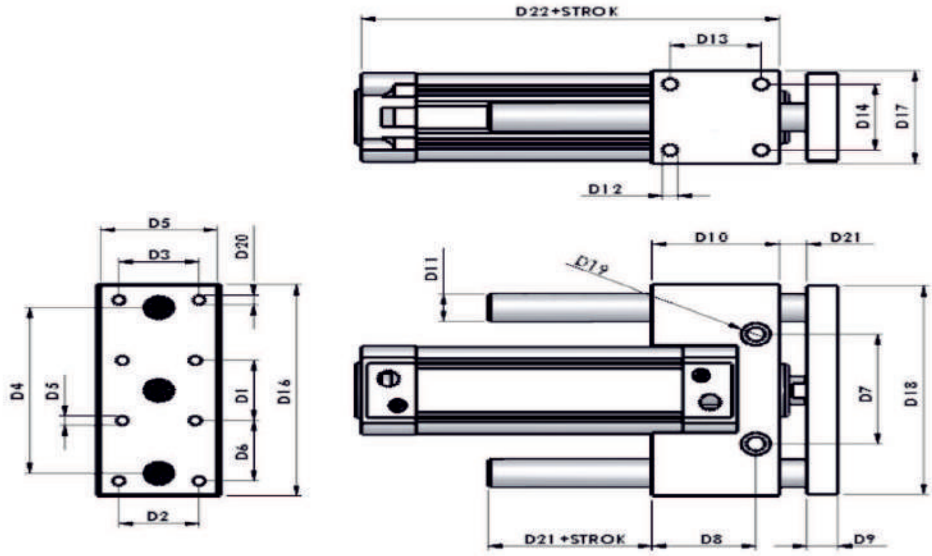
H YATAKLI SİLİNDİR (HY) / H GUIDE CYLINDER (HG)



Ø	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
32	74	M6	61	15	34	5	115	67	12	99	50	45	95	151
40	87	M6	69	15	43	5	134	77	16	119	56	50	115	161
50	104	M8	85	20	49	5	150	82	20	141	70	65	135	172.5
63	119	M8	100	20	55	5	170	96	20	156	80	75	150	195

U YATAKLI SİLİNDİR (UY) / U GUIDE CYLINDER (SSC)



Ø	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22
32	40	22	30	90	M8	32	56	44	15	55	16	M8	35	32	40.5	##	47	120	Ø13.5X8,5-Ø8,5	M6	5	114
40	40	32	32	96	M8	32	64	46	15	58	16	M8	38	40	49	##	55	124	Ø13.5X8,5-Ø8,5	M8	5	126
50	44	44	44	121	M8	44	80	57	17	70	20	M10	50	48	64	##	68	156	Ø16.5X10,5-Ø10,5	M8	5	130
63	46	58	58	130	M8	47	88	62	17	75	20	M10	55	60	78	##	80	164	Ø16.5X10,5-Ø10,5	M8	5	152

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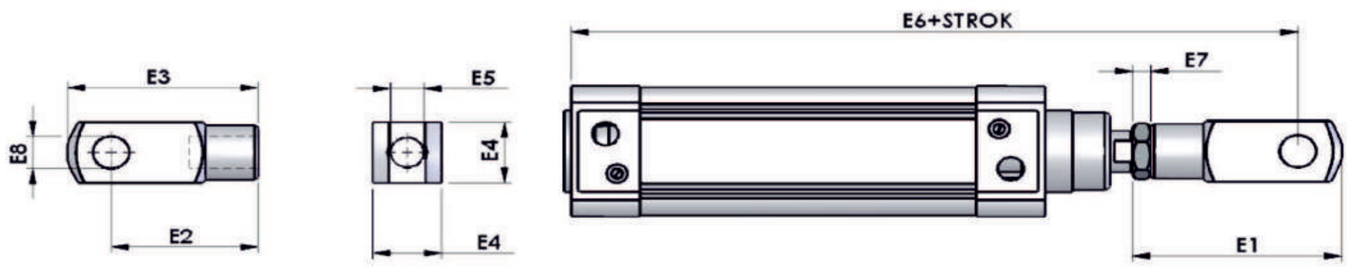
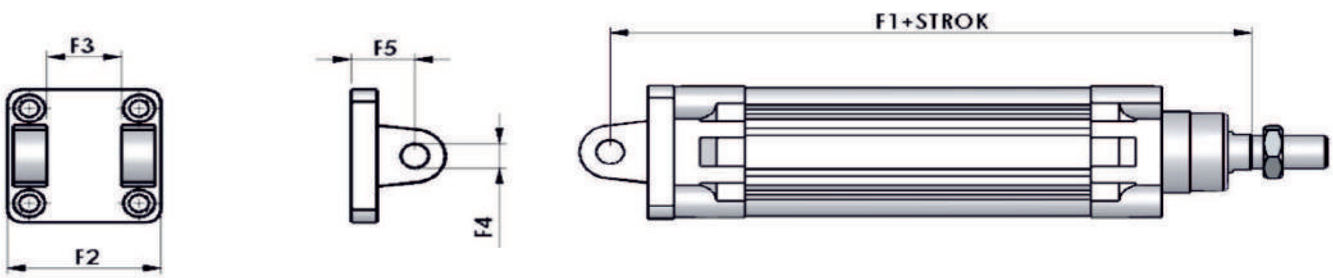
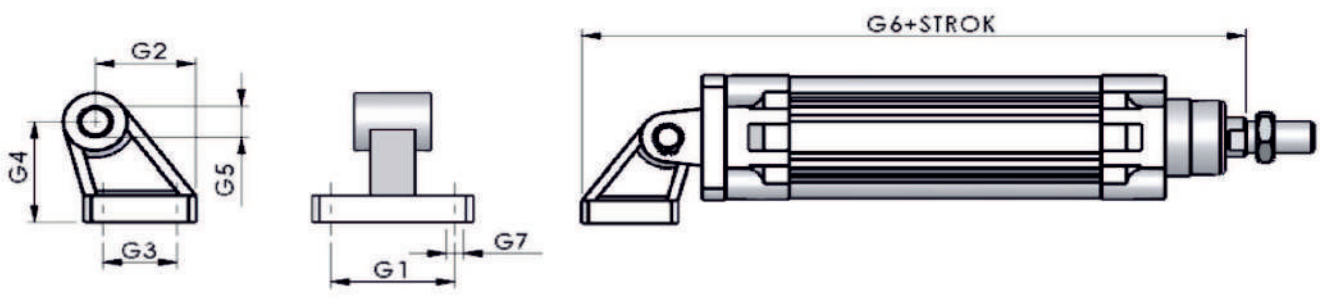
ÇATAL BAĞLANTI (ÇB) / ROD CLEVIS (RC)



EKLEM BAĞLANTI (EB) / SWIVEL FLANGE (SF)



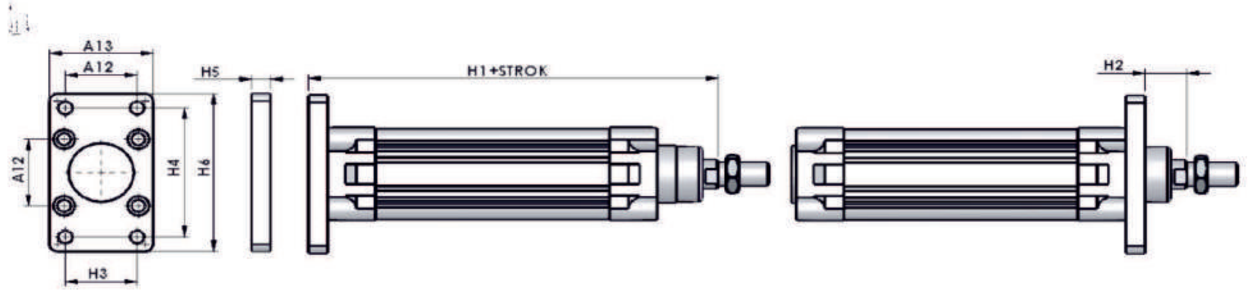
EKLEM YER BAĞLANTI (EYB) / SWIVEL FLANGE WITH FOOT MOUNTING (SFWFM)



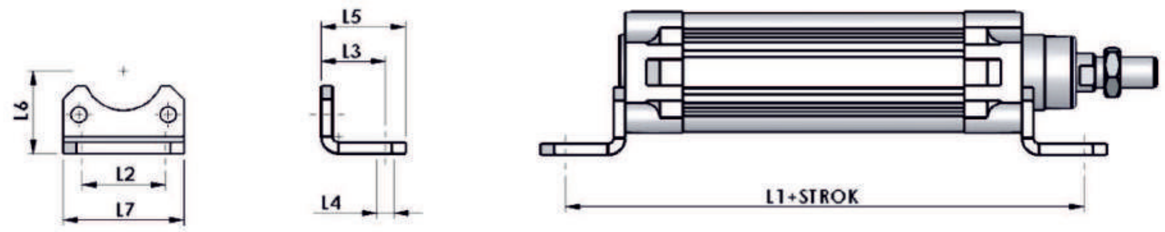
Ø	E1	E2	E3	E4	E5	E6	E7	E8	F1	F2	F3	F4	F5	G1	G2	G3	G4	G5	G6	G7
32	59	40	53	20	10	170	6	10	145	45	26	10	22	38	27.5	18	32	10	161	5.5
40	70	47	63	24	12	193	7	12	161,5	54	27.5	12	24.5	41	30.5	22	36	12	182,5	6
50	91	62	83	30	16	217	8	16	171	65	31.5	12	27	50	40.5	30	45	12	197	7
63	91	64	83	30	16	233	8	16	195,5	75	39	16	34.5	52	44.5	35	50	16	221,5	7
80	113.5	80	105	40	20	265,5	8.5	20	215	96	50	16	38	66	57	40	63	16	246	9
100	113.5	80	105	40	20	278,5	8.5	20	233	115	60	20	43	76	65	50	71	20	267	9
125	145	100	132	50	25	313	13	25	255.5	145	71	25	55.5	93	85	60	90	25	285	11

ISO 6431

FLANŞ BAĞLANTI (FB) / FLANGE MOUNTING (MF)



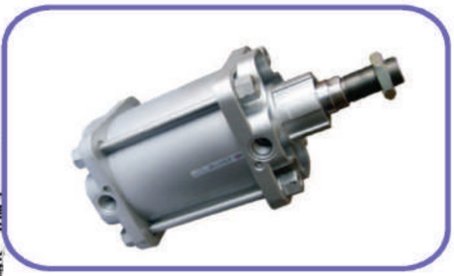
AYAK BAĞLANTI (AB) / FOOT MOUNTING (FM)

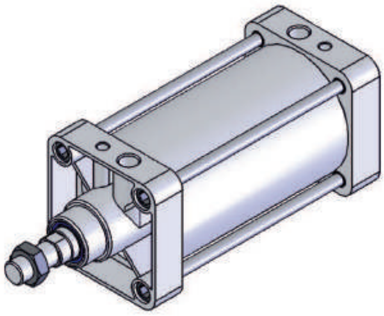


Ø	H1	H2	H3	H4	H5	H6	H7	L1	L2	L3	L4	L5	L6	L7
32	140	16	32	64	10	161	7	143	32	23	7	33	31.3	45
40	143	21	36	72	10	182,5	9	160	36	27	9	36	33.5	55
50	148.5	26	45	90	12	197	9	173,5	43.5	33,5	9	44	50.3	63
63	172	26	50	102.5	15	221,5	9	190	50	33,5	9	50	50	80
80	194.5	31	53	126	18	246	12	202	62	37	12	56	64	95
100	208.5	34	75	150	18	267	14	220	75	41	14	56	71	123
125	180	20	90	180	20	210	16	260	90	50	16	69	92	145

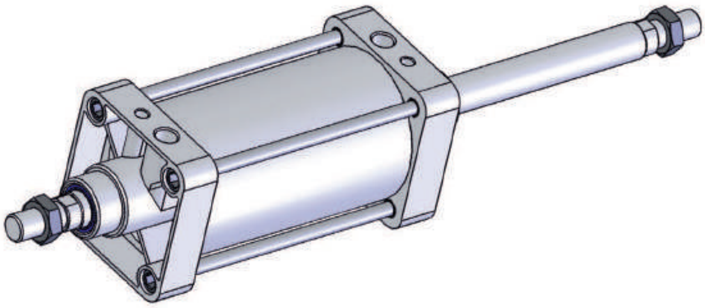
ISO 6431

WDMA 24562-2

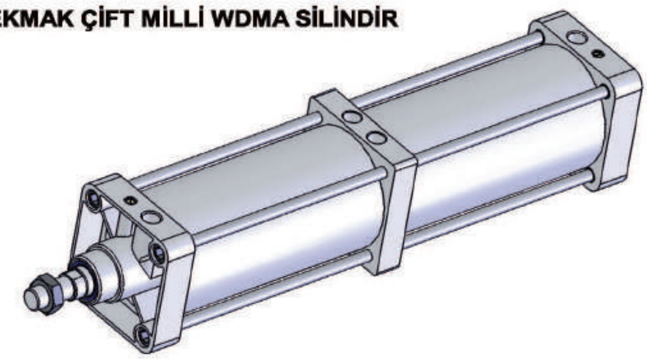




TEKMAK WDMA SİLİNDİR **Ø125--Ø320 (TITS)**



TEKMAK ÇİFT MİLLİ WDMA SİLİNDİR **Ø125--Ø320 (TCITS)**



TEKMAK TANDEM WDMA SİLİNDİR **Ø125--Ø320 (TTITS)**

NOT= WDMA SİLİNDİR GURUBU YASTIKLI VE MANYETİKLİDİR.

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Cylinder Diameter Strok

TITS 125 160 ÇB

TITS - 125 - 160 - ÇB

- ÇB → Yardımcı ekipman / Auxiliary equipment
- 160 → Strok / Stroke
- 125 → Silindir çapı / Cylinder diameter
- TITS → Model / Model

ISO 6431

TEKNİK ÖZELLİKLER		TECNICAL PROPERTIES	
Çalışma Ortamı	: Filtrelenmiş sıkıştırılmış hava	Operating enviroment	: Fitler and compresure air
Çalışma sıcaklığı	: -20 / +70ºC	Operating temperature	: -20 / +70ºC
Çalışma basıncı min.	: 0.1 Mpa-Tek etkili:0.3 Mpa	Operating pressure min.	: 0.1 Mpa-Single action:0.3 Mpa
Çalışma basıncı max.	: 1.2 Mpa	Operating pressure max.	: 1.2 Mpa
Uygulanabilir hız	: 500 mm/s	Applicable speed	: 500 mm/s
Yağlama	: Şardlandırıcı yağı	Lubrication	: 10 number naturel FRL oil
Strok hatası	: ±0.3 mm	Stroke error	: ±0.3 mm
Hareket tipi	: Çift etkili	Action type	: Double action
Mil	: CK-45 sert krom kaplı	Rod	: CK-45 hard chrome plated
Boru	: ALMGSİ05 Extrüzyon	Pipe	: ALMGSİ05
Sızdırmazlık	: Poliüraten+NBR	Seals (Leak-proof)	: Polyurethane+ NBR
Manyatik siviç	: CS 100+Praket	Magnet switch	: CS 100+Praket

İSTEĞE BAĞLI ÖZELLİKLER	CHANGEABLE PROPERTIES
Aşırı sıcak ortamlar için özel	Special cylinder for extremly hot environment
Tek etkili (yay dönüşlü)	Single acting (Spring returned) cylinder
Strok ayarlı	Stroke adjustment
Mil ölçüsü değişebilir	Chanceable rod dimensions
Silindir mili paslanmaz olarak üretilebilir	Stainless rod possible

SİLİNDİR MODELLERİ		CYLINDER MODELS	
TITS	: VDMA silindir	TIS	: VDMA cylinder
TCITS	: Çift milli VDMA silindir	TCITS	: Double rod VDMA cylinder
TTITS	: Tandem VDMA silindir	TTITS	: Tandem VDMA cylinder
TÖITS	: Özel VDMA silindir	TÖITS	: Special VDMA cylinder

STANDART BORU ÇAPLARI

Ø125 Ø160 Ø200 Ø250
Ø320

STANDARD PIPE DIAMETER

Ø125 Ø160 Ø200 Ø250
Ø320

STANDART STROKLAR

50 100 160 200 250

STANDARD STROKES

50 100 160 200 250

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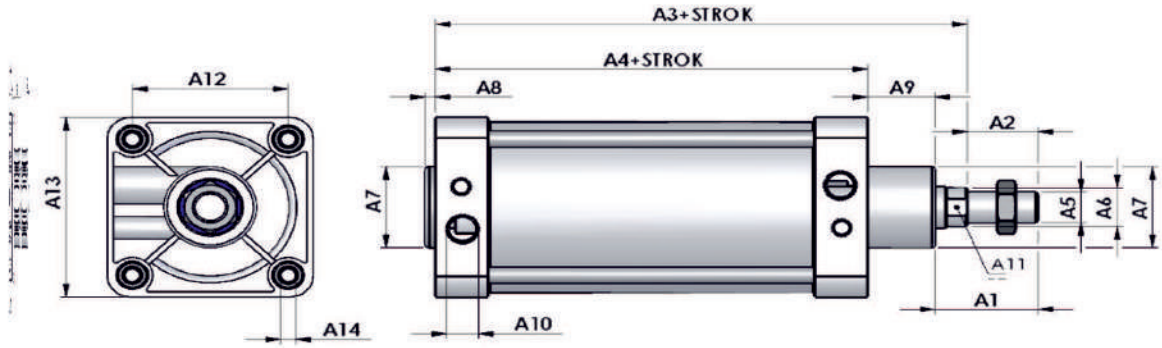
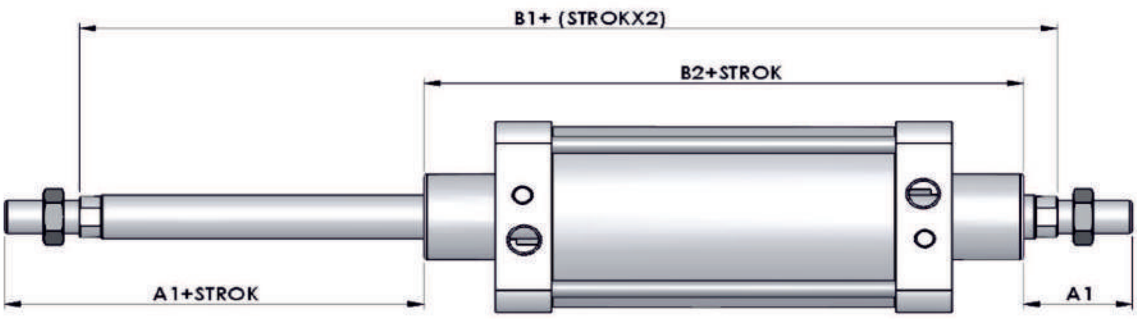
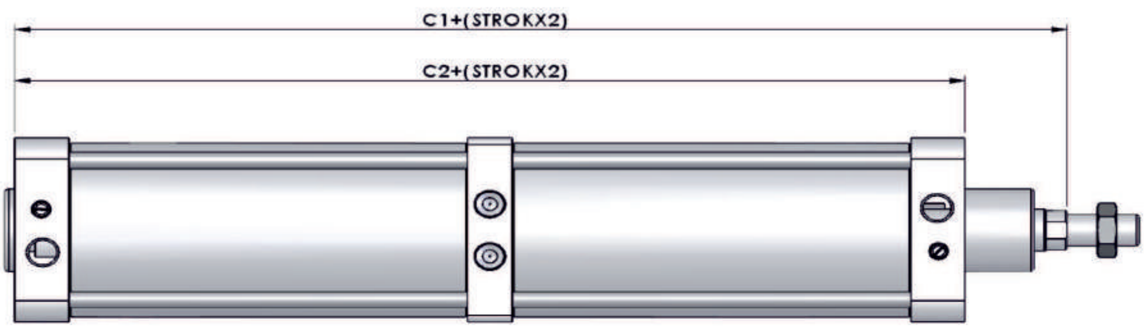
WDMA SİLİNDİR / WDMA CYLINDER



ÇİFT MİLLİ WDMA SİLİNDİR / DOUBLE ROD WDMA CYLINDER



TANDEM WDMA SİLİNDİR / TANDEM WDMA CYLINDER



Ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	B1	B2	C1	C2
125	73	54	200	160	M27x2	32	60	7	40	1/2	27	110	145	M12	278	240	336.6	277.6
160	97	72	260	180	M36x2	40	65	8	55	3/4	41	140	186	M16	340	290	400.6	320.6
200	102	72	275	180	M36x2	40	75	8	65	3/4	41	175	220	M16	370	310	448	353
250	122	84	313	200	M42x2	50	90	12	75	1"	46	220	270	M20	426	350	465	352
320	134	96	348	220	M48x2	63	110	12	90	1"	55	270	340	M24	476	400	576	410

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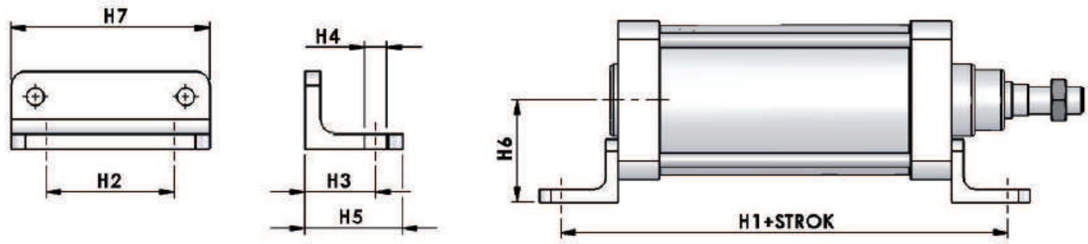
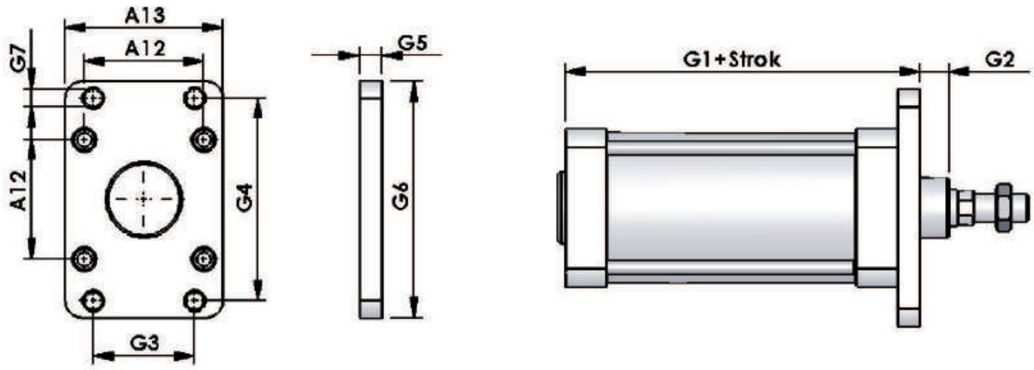
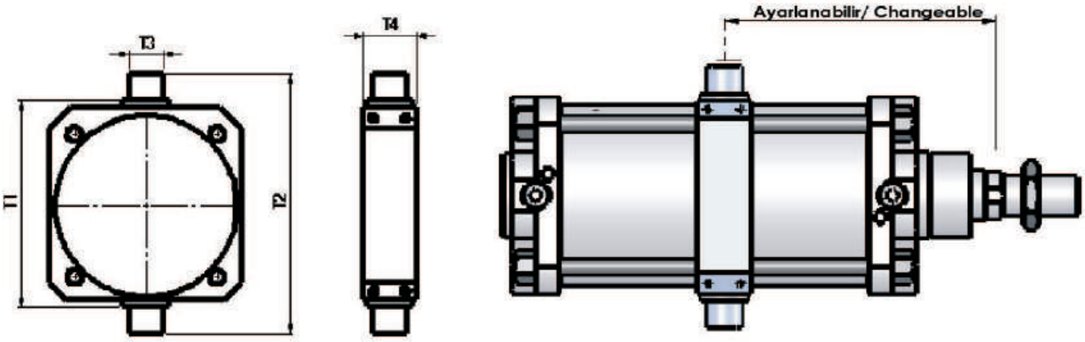
AYAK BAĞLANTI(AB) / FOOT MOUNTING (FB)



FLANŞ BAĞLANTI (FB) / FLANGE MOUNTING (MF)



ORTA EKLEM BAĞLANTI (OEB) / CENTRAL TURINNION MOUNTING (FM)

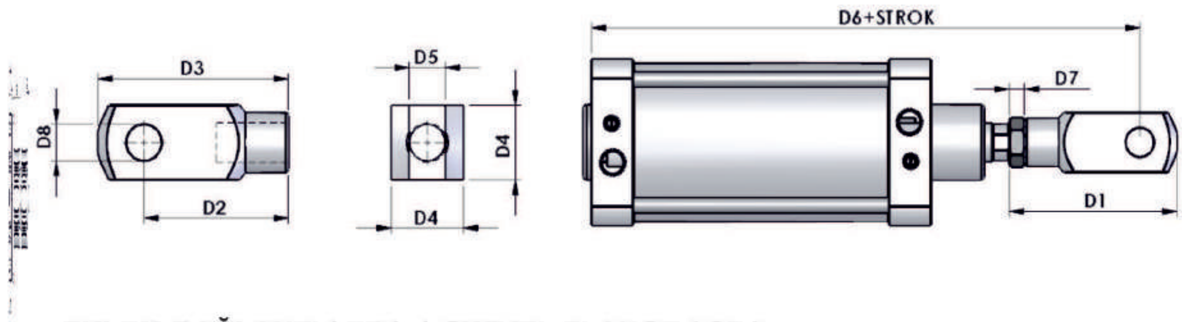


Ø	H1	H2	H3	H4	H5	H6	H7	T1	T2	T3	T4	G1	G2	G3	G4	G5	G6	G7
125	260	90	50	16	69	92	145	145	194	25	45	180	20	90	180	20	210	16
160	310	115	65	18	87	118	186	195	243	32	50	205	30	115	230	25	280	18
200	320	135	70	22	95	140	220	250	310	32	48	205	40	135	270	25	320	22
250	350	165	75	26	105	173.5	270	320	400	40	62	225	50	165	330	25	390	26
320	390	200	85	33	125	200	340	400	500	50	68	250	60	200	400	30	470	33

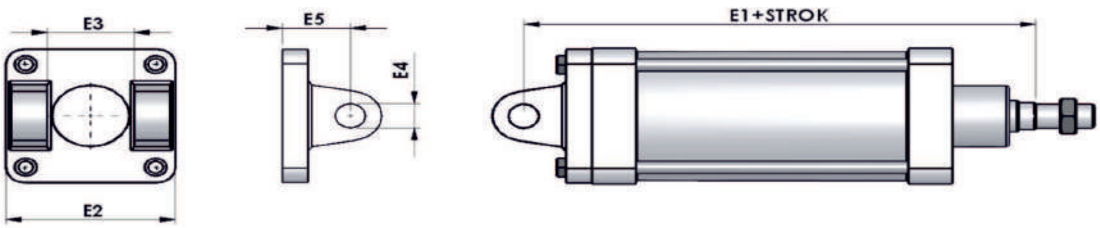
TEKMAKSAN HİDROLİK PNÖMATİK - OTOMASYON

ISO 6431

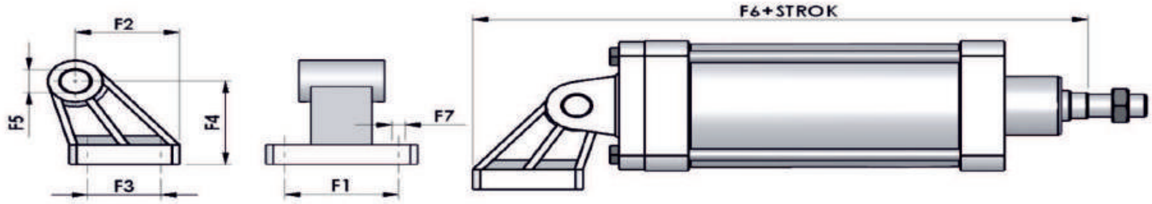
ÇATAL BAĞLANTI (ÇB) / ROD CLEVIS (RC)



EKLEM BAĞLANTI (EB) / SWIVEL FLANGE (SF)



EKLEM YER BAĞLANTI (EYB) / SWIVEL FLANGE WITH FOOD MOUNTING (SFWFM)



Ø	D1	D2	D3	D4	D5	D6	D7	D8	E1	E2	E3	E4	E5	F1	F2	F3	F4
125	145	100	132	50	25	313	13	25	255.5	130	71	25	55.5	93	85	60	90
160	204	144	190	70	30	418	14	30	320	169	88	30	60	118	116	88	115
200	204	144	190	70	30	433	14	30	341	174	90	30	66	122	125	90	119
250	238	168	220	80	40	499	18	40	383	200	110	40	70	150	153	110	165
320	270	192	250	90	50	560	20	50	428	220	120	45	80	170	182	122	200

Ø	F5	F6	F7
125	25	285	11
160	30	436	14
200	30	466	15
250	40	536	20
320	45	610	26

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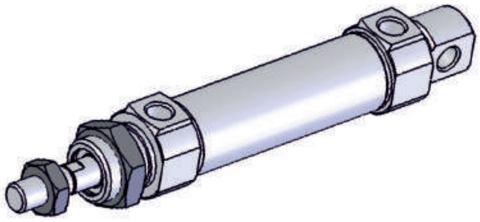
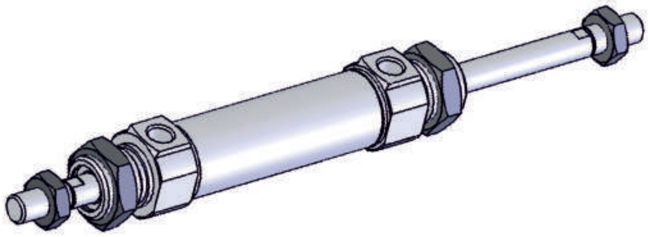
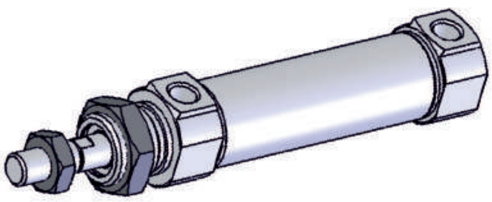
PASLANMAZ KALEM SİLİNDİR GRUBU
STAINLESS STEEL MICRO CYLINDER GROUP



TEKMAK KALEM SİLİNDİR	**Ø10--Ø40 (TKS)**
TEKMAK MANYETİK KALEM SİLİNDİR	**Ø10--Ø40 (TMKS)**
TEKMAK YASTIKLI KALEM SİLİNDİR	**Ø16---Ø40 (TYKS)**
TEKMAK YASTIKLI MANYETİK KALEM SİLİNDİR	**Ø16---Ø40 (TYMKS)**



TEKMAK ÇİFT MİLLİ KALEM SİLİNDİR	**Ø10--Ø40 (TCKS)**
TEKMAK ÇİFT MİLLİ MANYATİK KALEM SİLİNDİR	**Ø10--Ø40 (TCMKS)**
TEKMAK ÇİFT MİLLİ YASTIKLI KALEM SİLİNDİR	**Ø16---Ø40 (TCYKS)**
TEKMAK ÇİFT MİLLİ YASTIKLI MANYETİK KALEM SİLİNDİR	**Ø16---Ø40 (TCYMKS)**



TEKMAK KISA KALEM SİLİNDİR	**Ø10--Ø40 (TKKS)**
TEKMAK MANYETİK KISA KALEM SİLİNDİR	**Ø10--Ø40 (TMKKS)**
TEKMAK YASTIKLI KISA KALEM SİLİNDİR	**Ø16--Ø40 (TYKKS)**
TEKMAK YASTIKLI MANYETİK KISA KALEM SİLİNDİR	**Ø16--Ø40 (TYMKKS)**

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Cylinder Diameter Strok

TKS 025 100 ÇB

TKS - 025 - 100 - ÇB

- ÇB → Yardımcı ekipman / Auxliary equipment
- 100 → Strok / Stroke
- 025 → Silindir çapı / Cylinder diameter
- TKS → Model / Model

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TEKNİK ÖZELLİKLER

Çalışma Ortamı	: Filtrelenmiş sıkıştırılmış hava
Çalışma sıcaklığı	: -20 / +70ºC
Çalışma basıncı min.	: 0.1 Mpa-Tek etkili:0.3 Mpa
Çalışma basıncı max.	: 1.2 Mpa
Uygulanabilir hız	: 500 mm/s
Yağlama	: Şardlandırıcı yağı
Strok hatası	: ±0.3 mm
Hareket tipi	: Çift etkili
Mil	: CK-45 sert krom kaplı (10 luk silindir mili paslanmazdır.)
Boru	: Paslanmaz çelik
Sızdırmazlık	: Poliüraten+NBR
Manyatik sivic	: SDA 25

İSTEĞE BAĞLI ÖZELLİKLER

Tek etkili (yay dönüşlü)

Strok ayarlı

Mil ölçüsü değişebilir

Silindir mili paslanmaz olarak üretilebilir

SİLİNDİR MODELLERİ

TKS	: Kalem silindir
TCKS	: Çift milli kalem silindir
TCMKS	: Çift milli manyetik kalem silindir
TMKS	: Manyetik kalem silindir
TYKS	: Yastıklı Kalem silindir
TCYKS	: Çift milli Yastıklı Kalem silindir
TÖKS	: Özel kalem silindir

STANDART BORU ÇAPLARI

Ø10	Ø16	Ø25	Ø40
Ø12	Ø20	Ø32	

STANDART STROKLAR

10	25	50	100	160

TECNICAL PROPERTIES

Operating enviroment	: Fitler and compresure air
Operating temperature	: -20 / +70ºC
Operating pressure min.	: 0.1 Mpa-Single action:0.3 Mpa
Operating pressure max.	: 1.2 Mpa
Applicable speed	: 500 mm/s
Lubrication	: 10 number naturel FRL oil
Stroke error	: ±0.3 mm
Action type	: Double action
Rod	: CK-45 hard chrome plated (Only Ø10 rod is stainles steel.)
Pipe	: Stainless Steel
Seals (Leak-proof)	: Polyurethane+ NBR
Magnet switch	: SDA 25

CHANGEABLE PROPERTIES

Single acting (Spring returned) cylinder

Setting stroke cylinder

Chanceable rod dimensions

Stainless rod possibility

CYLINDER MODELS

TKS	: Micro cylinder
TCKS	: Double rod micro cylinder
TCMKS	: Double rod magnet micro cylinder
TMKS	: Magnet micro cylinder
TYKS	: Cushion Micro cylinder
TCYKS	: Double rod Cushion micro cylinder
TÖKS	: Special micro cylinder

STANDARD PIPE DIAMETER

Ø10	Ø16	Ø25	Ø40
Ø12	Ø20	Ø32	

STANDARD STROKES

10	25	50	100	160

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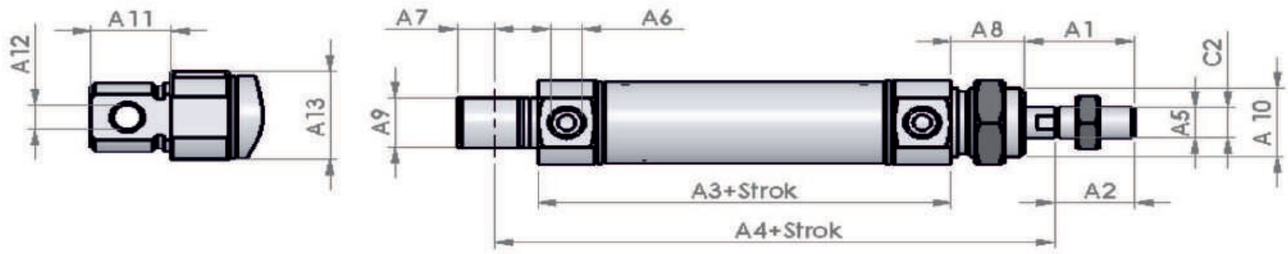
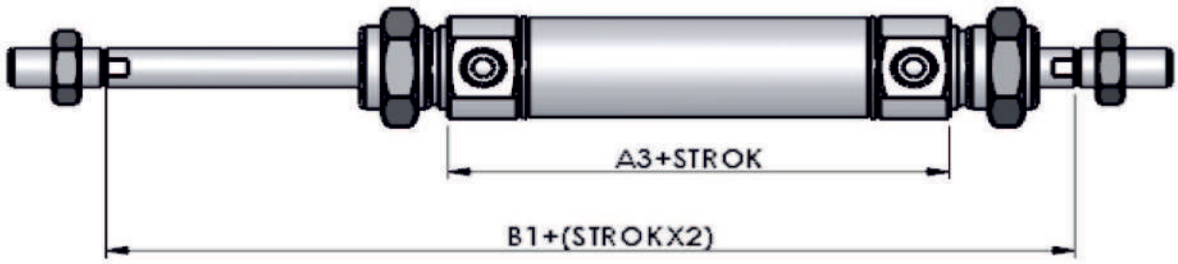
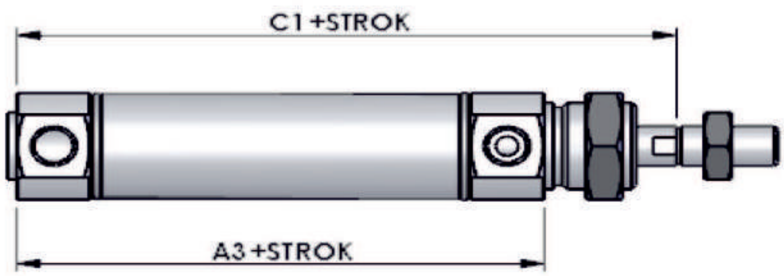
KALEM SİLİNDİR / MICRO CYLINDER



ÇİFT MİLLİ KALEM SİLİNDİR / DOUBLE ROD MICRO CYLINDER



KISA KALEM SİLİNDİR / SHORTE MICRO CYLINDER



Ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	B1	C1
10	18	12	45	62	M4	M5	11	11	8	M12x1,25	11	4	15	79	62
12	22	16	51	75	M6	M5	14	16	12	M16x1.5	16	6	20	95	73
16	22	16	58	82	M6	M5	14	16	12	M16x1.5	16	6	20	102	80
20	26	20	59	95	M8	1/8	10	18	16	M22x1.5	22	8	28.5	107	83
25	30	22	64	104	M10X1,25	1/8	10	20	16	M22x1.5	22	8	28.5	120	92
32	30	23	72	115	M10X1,25	1/8	12	20	20	M27x2	27	10	36,5	128	100
40	31	23	72	115	M14X1,5	1/8	12	20	20	M33x2	27	10	43,5	128	100

NOT= YASTIKLI VEYA MANYETİK OLDUĞUNDA ÖLÇÜLERDE DEĞİŞİKLİK OLMAZ.
NOTE= SIZES DO NOT CHANGE IF IT HAS CUSHION OR MAGNEITIC.

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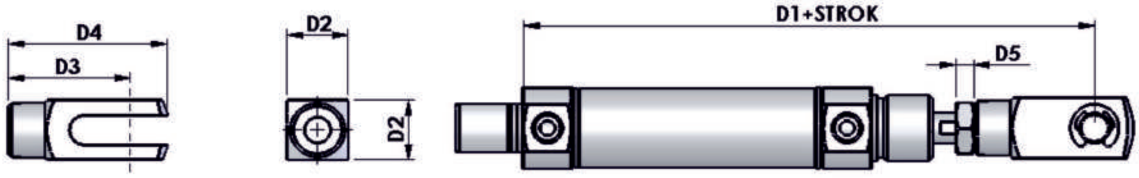
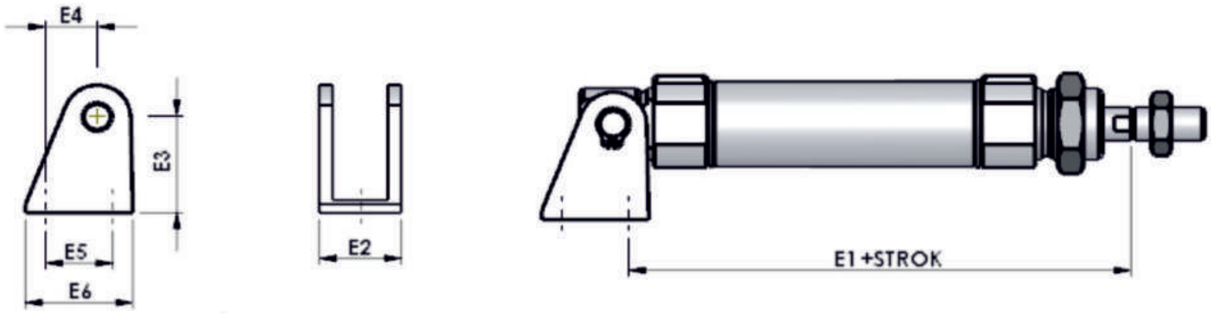
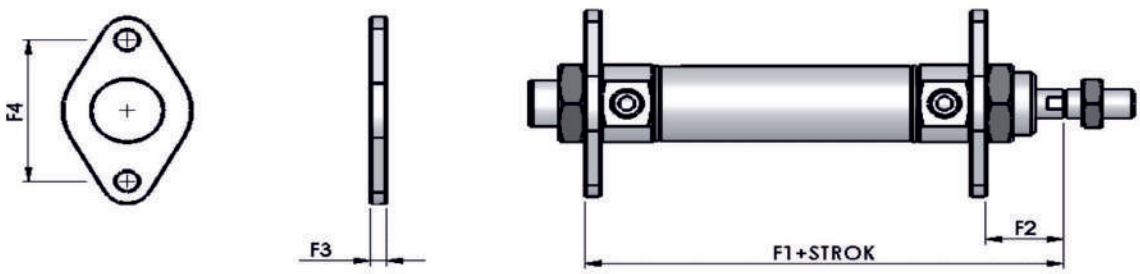
ÇATAL BAĞLANTI (ÇB) / ROD CLEVIS (RC)



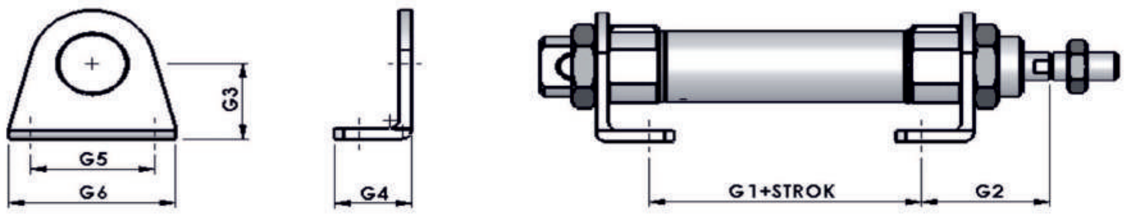
EKLEM YER BAĞLANTI (EYB) / SWIVEL FLANGE WITH FOOT MOUNTING (MF)



FLANŞ BAĞLANTI (FB) / FLANGE MOUNTING (MF)



AYAK BAĞLANTI (AB) / FOOT MOUNTING (FM)

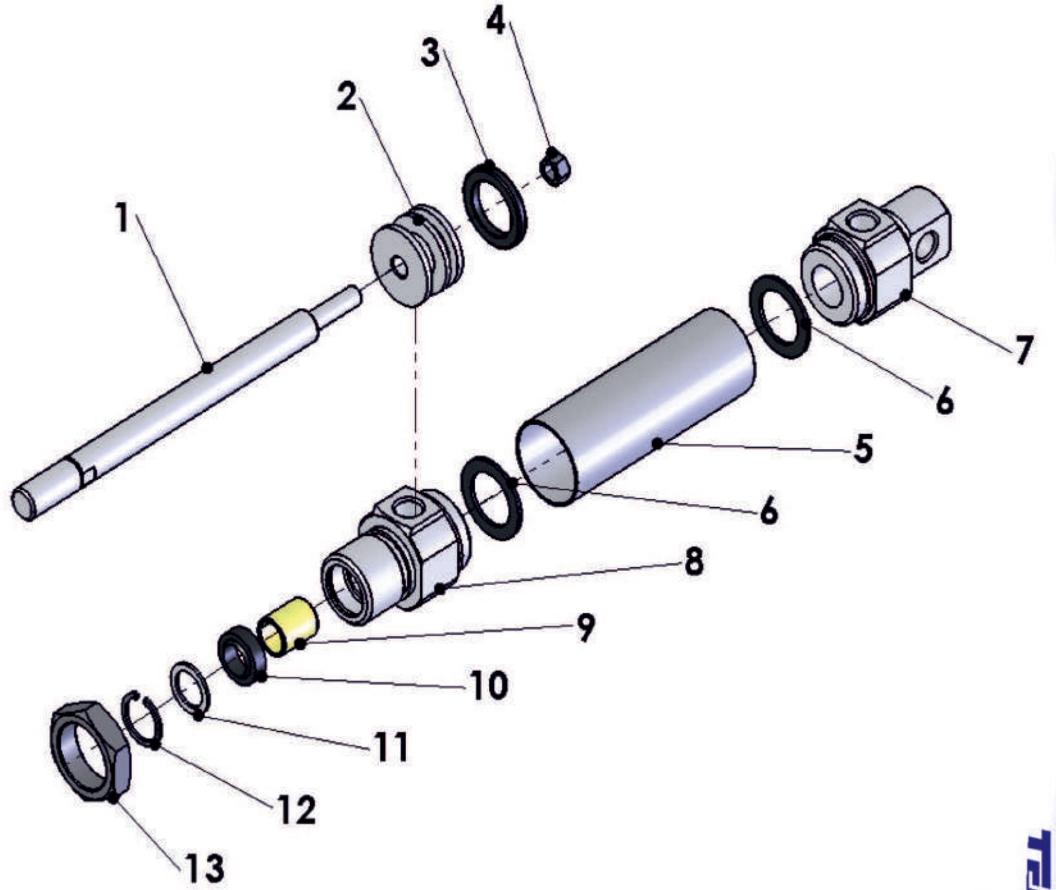


Ø	D1	D2	D3	D4	D5	E1	E2	E3	E4	E5	E6	F1	F2	F3	F4	G1	G2	G3	G4	G5	G6
12	97	12.7	24	31	5	73	18	27	13	15	25	77	18	4	40	31	32	20	20	32	42
16	104	12.7	24	31	5	80	18	27	13	15	25	84	18	4	40	38	32	20	20	32	42
20	115	16	32	42	6	91	24	30	16	20	32	88	19	5	50	35	36	25	25	40	54
25	132	20	40	52	6	100	24	30	16	20	32	97	23	5	50	40	40	25	25	40	54
32	145	20	40	52	6	110	28	40	20	25	40	104,5	23,5	5	60	41	43,5	35	30	40	55
40	155	24	48	62	7	110	28	40	20	25	40	104,5	23,5	5	80	41	43,5	40	30	50	75

ISO 6432

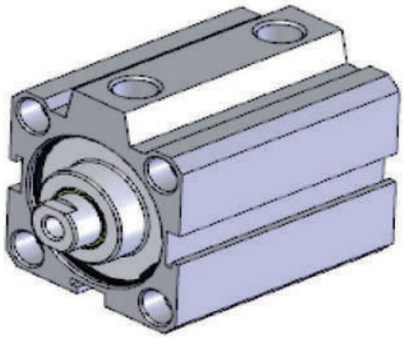
PASLANMAZ KALEM SİLİNDİR GRUBU / STAINLESS STEEL MICRO CYLINDER GROUP

Numara NR.	Parça Adı Name of the Parts	Malzemesi Material
1	Piston Mili Piston Rod	CK 45 Sert krom kaplı CK 45 hard chrome plated
2	Keçe Yatağı Seal Bear	Alüminyum Aluminium
3	Piston Keçesi Piston Seal	NBR
4	Fiberli Somun Fiber Nut	Q St 36/2
5	Silindir Boru Cylinder Tube	Pazlanmaz Çelik Stainless Steel
6	Çarpma Disk Strike Disk	NBR
7	Arka Kafa Back Cover	Alüminyum Aluminium
8	Ön Kafa Head Cover	Alüminyum Aluminium
9	Sinter Burç Sinter Bushing	Sinter Bronz Sinter Bronze
10	Boğaz Keçesi Combı Seal	NBR
11	Boğaz Keçesi Pulu Rod Seal Washer	Alüminyum Aluminium
12	Segman	Yay Çeliği Spring Steel
13	Kafa Somunu Head Nut	Çelik Steel

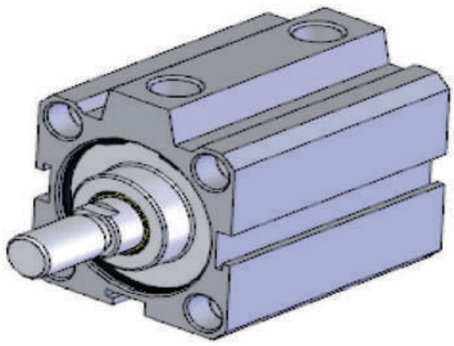


JİG SİLİNDİR GRUBU

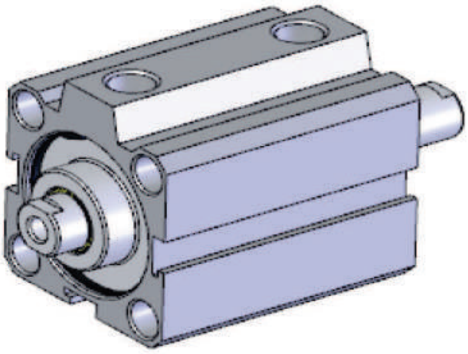
SHORT STROKE CYLINDER GROUP



TEKMAK JİG SİLİNDİR — **Ø12--Ø100 (TJS)**
TEKMAK MANYETİK JİG SİLİNDİR — **Ø12--Ø100 (TMJS)**



TEKMAK ERKEK JİG SİLİNDİR — **Ø12--Ø100 (TEJS)**
TEKMAK ERKEK MANYETİK JİG SİLİNDİR — **Ø12--Ø100 (TEMJS)**



TEKMAK ÇİFT MİLLİ JİG SİLİNDİR — **Ø12--Ø100 (TCJS)**
TEKMAK ÇİFT MİLLİ MANYETİK JİG SİLİNDİR — **Ø12--Ø100 (TCMJS)**

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Cylinder Diameter Strok

TJS 032 025 HY

TJS - 032 - 025 - HY

- HY → Yardımcı ekipman / Auxiliary equipment
- 025 → Strok / Stroke
- 032 → Silindir çapı / Cylinder diameter
- TJS → Model / Model

JİG SİLİNDİR GRUBU

TEKNİK ÖZELLİKLER

Çalışma Ortamı	: Filtrelenmiş sıkıştırılmış hava
Çalışma sıcaklığı	: -20 / +70ºC
Çalışma basıncı min.	: 0.1 Mpa-Tek etkili:0.3 Mpa
Çalışma basıncı max.	: 1 Mpa
Uygulanabilir hız	: 500 mm/s
Yağlama	: Şardlandırıcı yağı
Strok hatası	: ±0.3 mm
Hareket tipi	: Çift etkili
Mil	: CK-45 sert krom kaplı
Boru	: ALMGSİ05 Extrüzyon
Sızdırmazlık	: Poliüraten+NBR
Manyatik siviç	: CS 30E

İSTEĞE BAĞLI ÖZELLİKLER

Aşırı sıcak ortamlar için özel

Tek etkili (yay dönüşlü)

Strok ayarlı

Mil ölçüsü değişebilir

SİLİNDİR MODELLERİ

TJS	: Jig silindir
TMJS	: Manyetik jig silindir silindir
TEJS	: Erkek jig silindir
TEMJS	: Erkek manyatik jig silindir
TCJS	: Çift milli jig silindir
TCMJS	: Çift milli manyatik jig silindir
TECLS	: Erkek çift milli manyatik jig silindir
TECMJS	: Erkek çift milli manyatik jig silindir
TÖJS	: Özel jig silindir

STANDART BORU ÇAPLARI

Ø12	Ø25	Ø50	Ø100
Ø16	Ø32	Ø63	
Ø20	Ø40	Ø80	

STANDART STROKLAR

5	15	25	40
10	20	30	50

TECNICAL PROPERTIES

Operating enviroment	: Fitler and compresure air
Operating temperature	: -20 / +70ºC
Operating pressure min.	: 0.1 Mpa-Single action:0.3 Mpa
Operating pressure max.	: 1 Mpa
Applicable speed	: 500 mm/s
Lubrication	: 10 number naturel FRL oil
Stroke error	: ±0.3 mm
Action type	: Double action
Rod	: CK-45 strong chorome covering
Pipe	: ALMGSI05
Seals (Leak-proof)	: Polyurethane+ NBR
Magnet switch	: CS 30E

CHANGEABLE PROPERTIES

Special cylinder for extremly hot environment

Single acting (Spring returned) cylinder

Stroke adjustment

Chanceable rod dimensions

CYLINDER MODELS

TJS	: Short stroke cylinder
TMJS	: Magnet short stroke cylinder
TEJS	: Male short stroke cylinder
TEMJS	: Male magnet short stroke cylinder
TCJS	: Double rod short stroke cylinder
TCMJS	: Double rod magnet short stroke cylinder
TECLS	: Male double rod short stroke cylinder
TECMJS	: Male double rod magnet short stroke cylinder
TÖJS	: Special short stroke cylinder

STANDARD PIPE DIAMETER

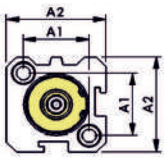
Ø12	Ø25	Ø50	Ø100
Ø16	Ø32	Ø63	
Ø20	Ø40	Ø80	

STANDARD STROKES

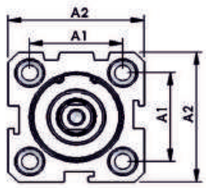
5	15	25	40
10	20	30	50

JİG SİLİNDİR GRUBU

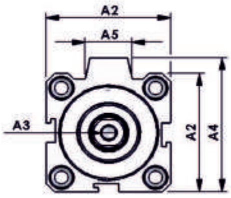
Ø12 Ø16



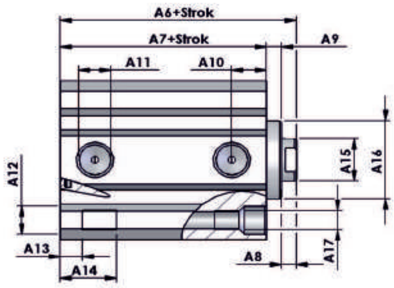
Ø20 Ø25



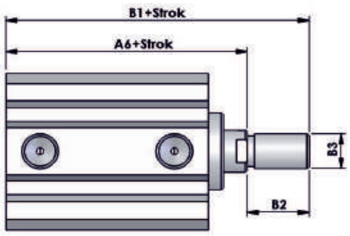
Ø32 Ø100



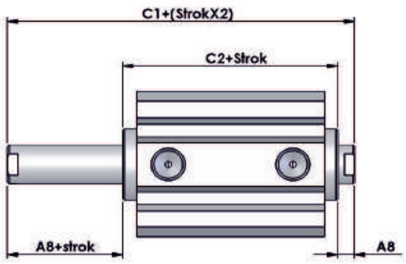
JİG SİLİNDİR / SHORTE CYLINDER



ERKEK JİG SİLİNDİR / MALE SHORTE CYLINDER



ÇİFT MİLLİ JİG SİLİNDİR / DOUBLE ROD SHORTE CYLINDER

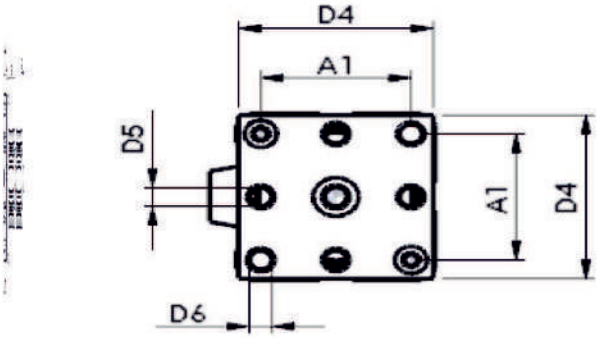


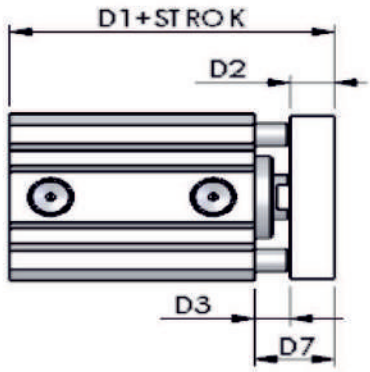
Ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	B1	B2	B3	C1	C2
12	15.7	26	M3X0,5			25	20.5	4	0.5	7.6	M5	5.5	4.5	9.5	6	8.3	M5	35.5	10.5	M5	29.3	21.3
16	19.8	30	M3X0,5			26	21.5	4	0.5	8.2	M5	6.5	5	15	6	9	M5	36.5	10.5	M5	30.5	22.5
20	24	35	M4X0,7			27	21.5	4	1.5	8.1	M5	7	5	15	8	13	M5	41	14	M6	32.5	24.5
25	28	41	M5X0,8			28.5	22.2	4	2.5	8	M5	8	6	17	10	17	M6	44.5	16	M8	35	28
32	34	45	M6X1	51	17	33.5	25.5	4	4	9.3	1/8	8	6	17	12	22	M6	50.5	17	M10X1.25	41.5	33.5
40	40	53	M8X1,25	59	17	34.5	26.5	4	4	10.1	1/8	10	8	20	16	28	M8	61.5	27	M12X1.25	42.5	34.3
50	48	63	M10X1,5	71	23.5	38.5	29	4	5.5	10.5	1/4	11	8	20	20	38	M8	66.5	28	M18X1.5	48	40
63	60	76	M10X1,5	84.5	25.3	43.3	33.8	4	5.5	12.2	1/4	11	8	20	20	40	M8	71.3	28	M18X1.5	52.8	44.8
80	74	95	M14X1,5	104	30	51.5	41	5	5.5	13.5	3/8	14	10	22	25	45	M12	81.5	30	M22X1.5	61.8	51.8
100	90	115	M16X2	124	30	55.5	46	5	5	14.3	3/8	18.5	13	25	25	45	M14	85.5	30	M22X1.5	65.2	55.5

NOT= JIG SİLİNDİRLERDE MANYETİK İSTENDİĞİNDE A6,A7,B1,C1,C2, ÖLÇÜLERİ 10 mm ARTMAKTADIR.

JİG SİLİNDİR GRUBU

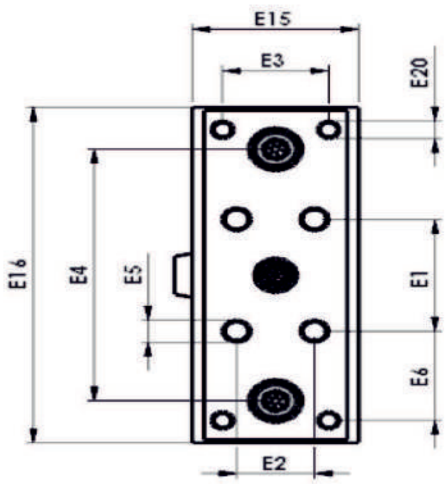
TABLALI JİG SİLİNDİR (TJS) / SLIDE BLOCK SHORT STROKE CYLINDER (SBS)

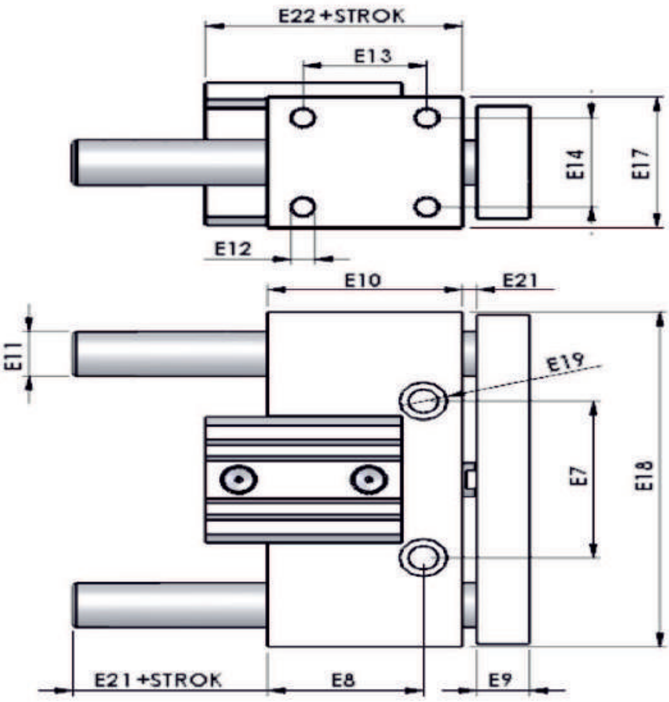




Ø	D1	D2	D3	D4	D5	D6	D7
25	36,5	8	6,5	40	M6	6,5	14,5
32	43,5	10	8	44	M6	6,5	18
40	46,5	12	8	52	M8	9	20
50	52,5	14	9,5	62	M8	9	23,5
63	57,3	14	9,5	75	M8	9	23,5
80	67,5	16	10,5	94	M12	13	26,5
100	71,5	16	10	114	M12	13	26

U YATAKLI JİG SİLİNDİR (UY) / U GUIDE SHORT STROKE CYLINDER (SSS)



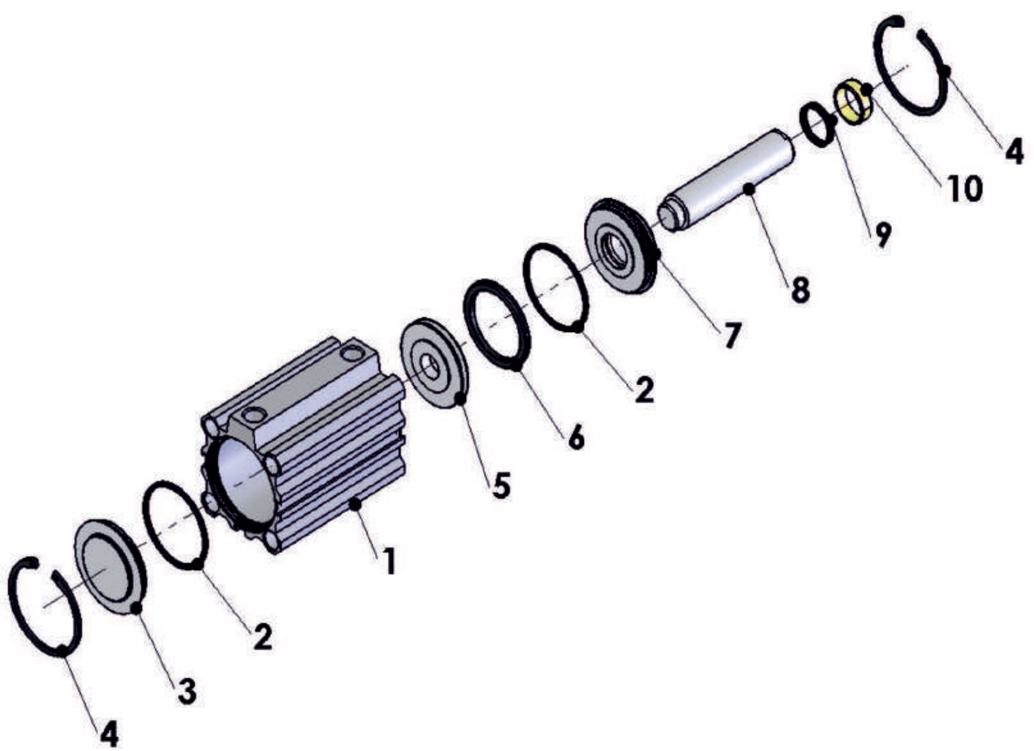


Ø	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18	E19	E20	E21	E22
32	40	22	30	90	M8	32	56	44	15	55	16	M8	35	32	40.5	118	47	120	Ø13x8.5-Ø8.5	M6	5	42.5
40	40	32	32	96	M8	32	64	46	15	58	16	M8	38	40	49	122	55	124	Ø13x8.5-Ø8.5	M8	5	46.5
50	44	44	44	121	M8	44	80	57	17	70	20	M10	50	48	64	152	68	156	Ø16.5x8.5-Ø10.5	M8	5	52
63	46	58	58	130	M8	47	88	62	17	75	20	M10	55	60	78	160	80	164	Ø16.5x8.5-Ø10.5	M8	5	59.8

JİG SİLİNDİR GRUBU

JİG SİLİNDİR GRUBU / SHORTE STROKE CYLINDER GROUP

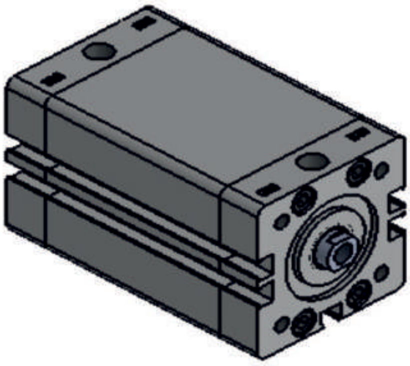
Numara NR.	Parça Adı Name of the Parts	Malzemesi Material
1	Silindir Boru Cylinder Tube	Alüminyum Aluminium
2	O-Ring	NBR
3	Arka Kapak Back Cover	Alüminyum Aluminium
4	Segman	Yay Çeliği Spring Steel
5	Keçe Yatağı Seal Bear	Alüminyum Aluminium
6	Piston Keçesi Piston Seal	NBR
7	Ön Kafa Head Cover	Alüminyum Aluminium
8	Piston Mili Piston Rod	CK 45 Sert krom kaplı CK 45 Hard chrome plated
9	Boğaz Keçesi Rod Seal	NBR
10	Sinter Burç Sinter Bushing	Sinter Bronz Sinter Bronze



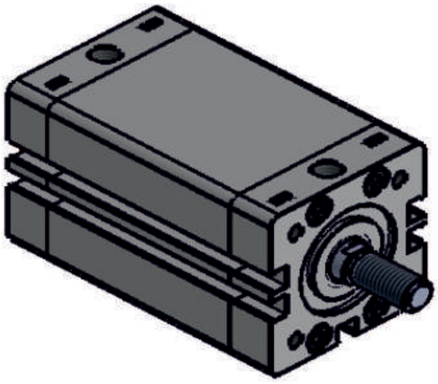
MANYETİK KOMPAK SİLİNDİR GRUBU

MAGNETIC COMPACT CLINDER GROUP

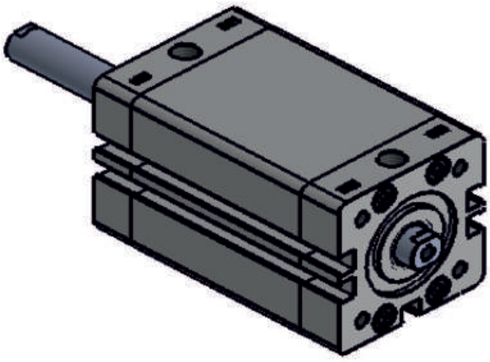
YENİ



TEKMAK KOMPAK SİLİNDİR Ø12--Ø100 (TCS)



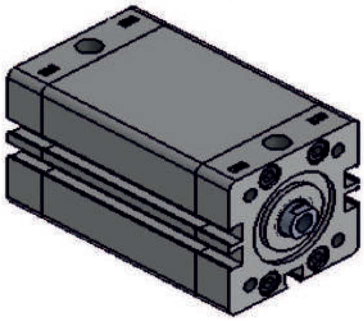
TEKMAK ERKEK MİLLİ KOMPAK SİLİNDİR Ø12--Ø100 (TECS)



TEKMAK ÇİFTMİLLİ KOMPAK SİLİNDİR Ø12--Ø100 (TCCS)

MANYETİK KOMPAK SİLİNDİR GRUBU

YENİ



TEKNİK ÖZELLİKLER		TECNICAL PROPERTIES	
Çalışma Ortamı	: Filtrelenmiş sıkıştırılmış hava	Working enviroment	: Fitler and compresure air
Çalışma sıcaklığı	: -20 / +70ºC	Operating temperature	: -20 / +70ºC
Çalışma basıncı min.	: 0.1 Mpa-Tek etkili:0.3 Mpa	Working pressure min.	: 0.1 Mpa-Single action:0.3 Mpa
Çalışma basıncı max.	: 1.2 Mpa	Working pressure max.	: 1.2 Mpa
Uygulanabilir hız	: 500 mm/s	Applicable speed	: 500 mm/s
Yağlama	: Şardlandırıcı yağı	Lubrication	: 10 number naturel FRL oil
Strok hatası	: ±0.3 mm	Stroke error	: ±0.3 mm
Hareket tipi	: Çift etkili	Action type	: Double action
Mil	: CK-45 sert krom kaplı	Rod	: CK-45 strong chorome covering
Boru	: ALMGSİ05	Pipe	: ALMGSI05
Sızdırmazlık	: Poliüraten+NBR	Seals	: Polyurethane+ NBR
Manyatik siviç	: 32R-1M	Magnet switch	: 32R-1M

İSTEĞE BAĞLI ÖZELLİKLER	CHANGEABLE PROPERTIES
Aşırı sıcak ortamlar için özel	Special cylinder for extremly hot environment
Tek etkili (yay dönüşlü)	Single acting (Spring returned) cylinder
Strok ayarlı	Setting stroke cylinder
Mil ölçüsü değişebilir	Chanceable rod dimensions

STANDART BORU ÇAPLARI / STANDARD PIPE DIAMETER

Ø12	Ø16	Ø20	Ø25	Ø32
Ø40	Ø50	Ø63	Ø80	Ø100

STANDART STROKLAR / STANDARD STROKES

10	20	30	50	70	90
15	25	40	60	80	100

Sipariş nasıl verilir ? / How to Order ?

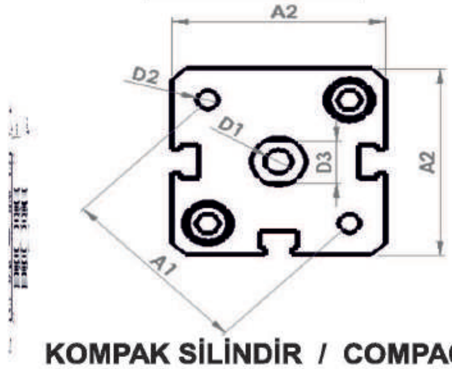
TCS 50 50 ÇB

TCS - 50 - 50 - ÇB

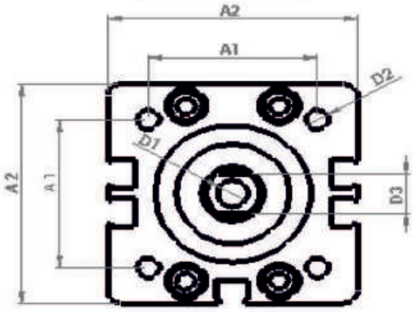
- ÇB → Yardımcı ekipman / Auxiliary equipment
- 50 → Strok / Stroke
- 50 → Silindir çapı / Cylinder diameter
- TCS → Model / Model

MANYETİK KOMPAK SİLİNDİR GRUBU

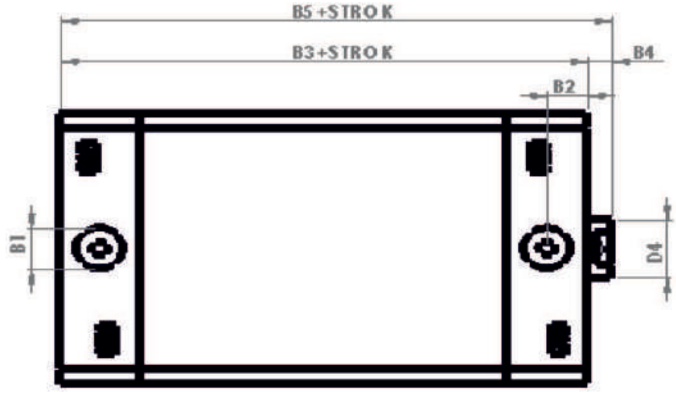
Ø12-Ø25



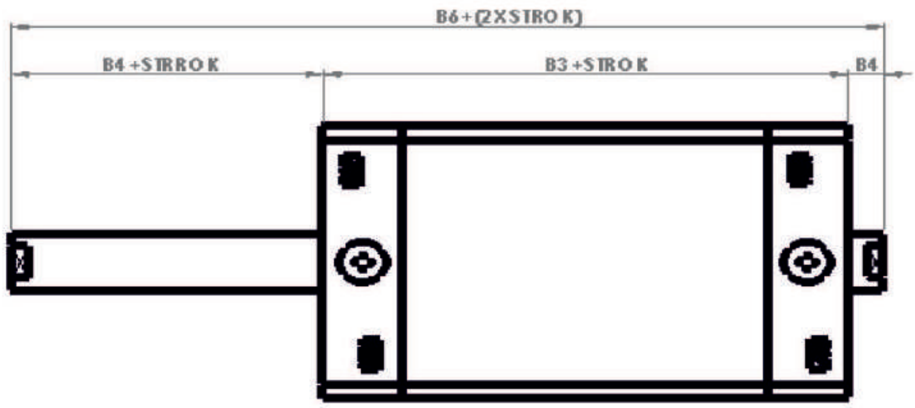
Ø32-Ø100



KOMPAK SİLİNDİR / COMPACT CYLINDER



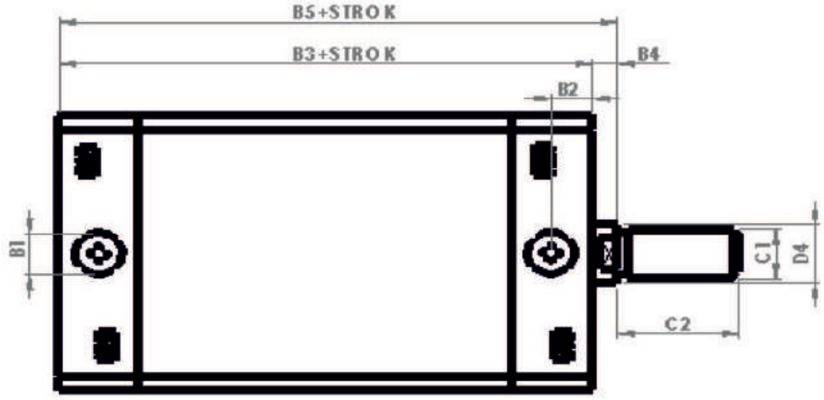
KOMPAK ÇİFT MİLLİ SİLİNDİR / DOUBLE ROD COMPACT CYLINDER



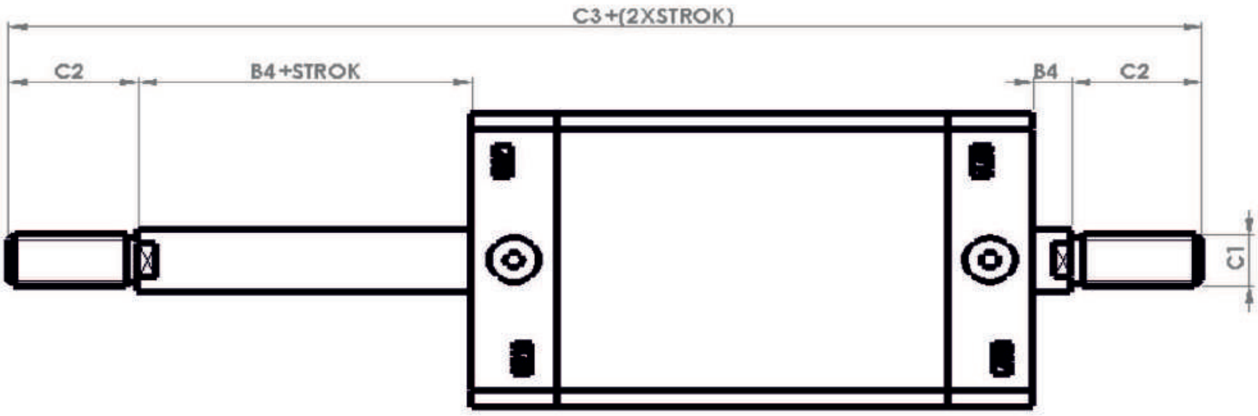
Ø	A1	A2	B1	B2	B3	B4	B5	B6	D1	D2	D3	D4
12	22.5	28	M5	5	35	5	40	45	M3	M4	5	6
16	25.5	29	M5	5.5	35	5	40	45	M4	M4	7	8
20	31.3	36	M5	6	37	6	43	49	M6	M5	9	10
25	37	39.7	M5	6	39	6	45	51	M6	M5	9	10
32	32.5	47.5	1/8	7	45.3	6	51.3	57.3	M6	M6	10	12
40	38	56.5	1/8	7.3	45.5	6.5	52	58.5	M6	M6	10	12
50	46.5	66.5	1/8	7.5	45.7	7.5	53.2	60.7	M8	M8	13	16
63	56.5	79.5	1/8	8	50	7.5	57.5	65	M8	M8	13	16
80	72	100	1/8	8	55	8	63	71	M10	M10	17	20
100	89	120	1/4	10	67.5	10	77.5	87.5	M12	M10	17	20

MANYETİK KOMPAK SİLİNDİR GRUBU

KOMPAK ERKEK SİLİNDİR



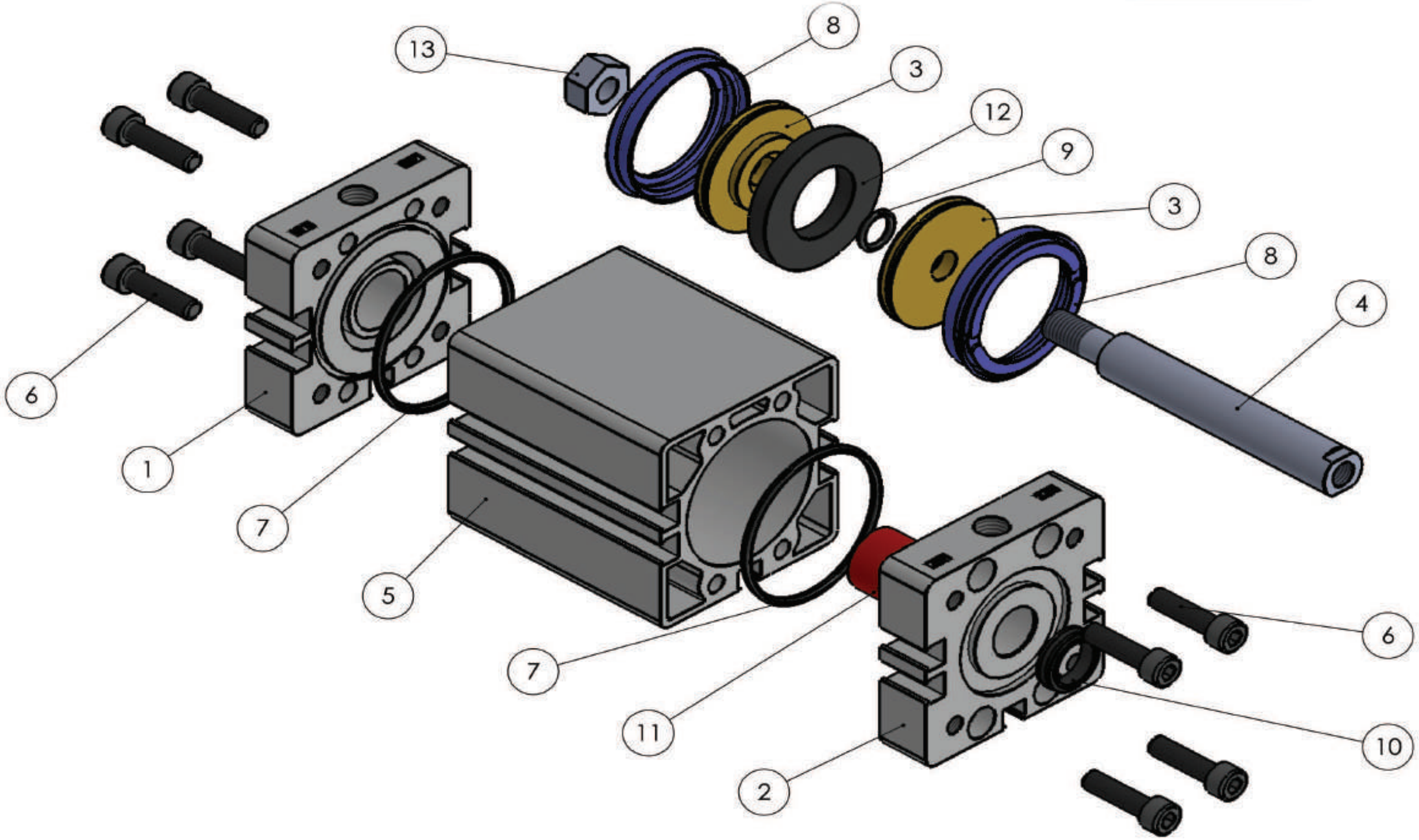
KOMPAK ERKEK ÇİFT MİLLİ SİLİNDİR



Ø	B1	B2	B3	B4	B5	C1	C2	C3	D4
12	M5	5	35	5	40	M5	12	69	6
16	M5	5.5	35	5	40	M6	12	69	8
20	M5	6	37	6	43	M8x1.25	16	81	10
25	M5	6	39	6	45	M8x1.25	16	83	10
32	1/8	7	45.3	6	51.3	M10X1.25	22	101.3	12
40	1/8	7.3	45.5	6.5	52	M10X1.25	22	102.5	12
50	1/8	7.5	45.7	7.5	53.2	M12X1.25	24	108.7	16
63	1/8	8	50	7.5	57.5	M12X1.25	24	113	16
80	1/8	8	55	8	63	M16X1.5	32	135	20
100	1/4	10	67.5	10	77.5	M16X1.5	32	151.5	20

MANYETİK KOMPAK SİLİNDİR GRUBU

TEKNİI

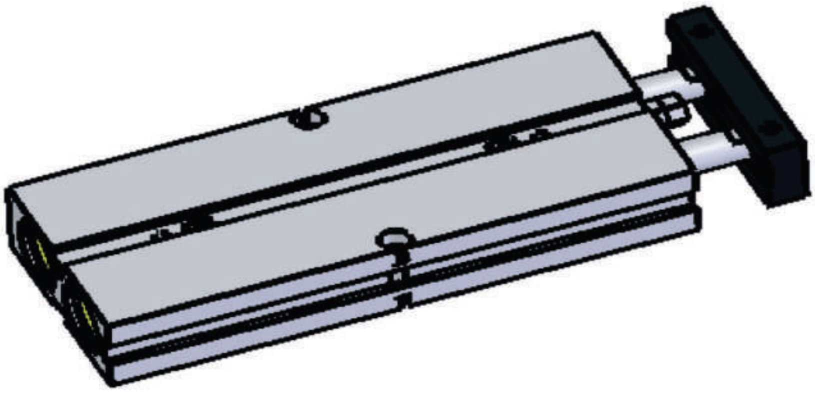


NO	MALZEME ADI	MALZEME ÖZELLİĞİ	ADET
1	Arka Kapak	Alüminyum	1
2	Ön Kapak	Alüminyum	1
3	0rta piston	Alüminyum	2
4	Piston Mili	X20 Cr 13 Krom Kaplamalı	1
5	Boru	Al Mg Si1 +Eloksallı	1
6	Cıvata	8X8	8
7	Kapak O-ringi	NBR	2

NO	MALZEME ADI	MALZEME ÖZELLİĞİ	ADET
8	Piston Keçesi	PU	2
9	Orta Piston O-ringi	NBR	1
10	Mil Keçei	NBR	1
11	Yataklama Burçu	CSB -40	1
12	Mıknatıs		1
13	Somun	Galvaniz Kaplamalı	1

ÇİFT MİLLİ BLOK SİLİNDİR

TWINROD CYLİNDER



TEKNİK ÖZELLİKLER / TECNICAL PROPERTIES	
Çalışma Ortamı / Operating Environment	Filitrelenmiş Sıkıştırılmış Hava / Fitler compresure air
Çalışma Sıcaklığı / Operating Temperature	-10/+60C°
Çalışma Basıncı min / Operating pressure min.	0.1Mpa
Çalışma Basıncı max. / Operating pressure max.	1.2Mpa
Uygulanabilir Hız / Applicable speed	500-700 mm/s
Yağlama / Lubrication	Şartlandırıcı Yağı / 10 number naturel FRL oil
Strok Hatası / Stroke error	±0.3mm
Hareket Tipi / Action type	Çift etkli / Double action
Mil / Rod	CK-45 Sert Krom Kaplı / CK 45 Hard Chrome Plated
Sızdırmazlık / Seals	Poliüretan+NBR / Polyurethane + NBR
Boru / Pipe	ALMGSİ05 Extrüzyon / ALMGSI05
Manyetik Sivic / Magnet switch	SDA-25
Ø	**STANDART STROKLAR**
15 - 20 - 25 - 32	10 - 20 - 25 - 30 - 40 - 50 - 75 - 100 - 125 - 150 - 175 - 200

Boru çap (Pipe Size)	Mil Çapı (Rod Dia.)	Etki Yönü (Action)	Piston Alanı (Piston Area) cm²	Etki Eden Basınç Alan(Bar=Kgf/cm²)						
				1	2	3	4	5	6	7
15	8	itme/Push	4	4	8	12	16	20,1	24,1	28,1
		Çekme/Pull	3	3	6	9	12	15	18	21
20	10	itme/Push	6,2	6,2	12,5	18,8	25,1	31,4	37,6	43,9
		Çekme/Pull	4,7	4,7	9,4	14,1	18,8	23,5	28,2	32,9
25	12	itme/Push	9,8	9,8	19,6	29,4	39,2	49,1	58,8	68,5
		Çekme/Pull	7,5	7,5	15,1	22,6	30,2	37,7	45,3	52,8
32	16	itme/Push	16	16	32,1	48,2	64,3	80,4	96,4	112,5
		Çekme/Pull	12	12,1	24,1	36,2	48,2	60,3	72,4	84,4

Sipariş nasıl verilir ? / How to Order ?

Model Silindir çapı Strok / Model Cylinder Diameter Strok

TCBS - 025 -100

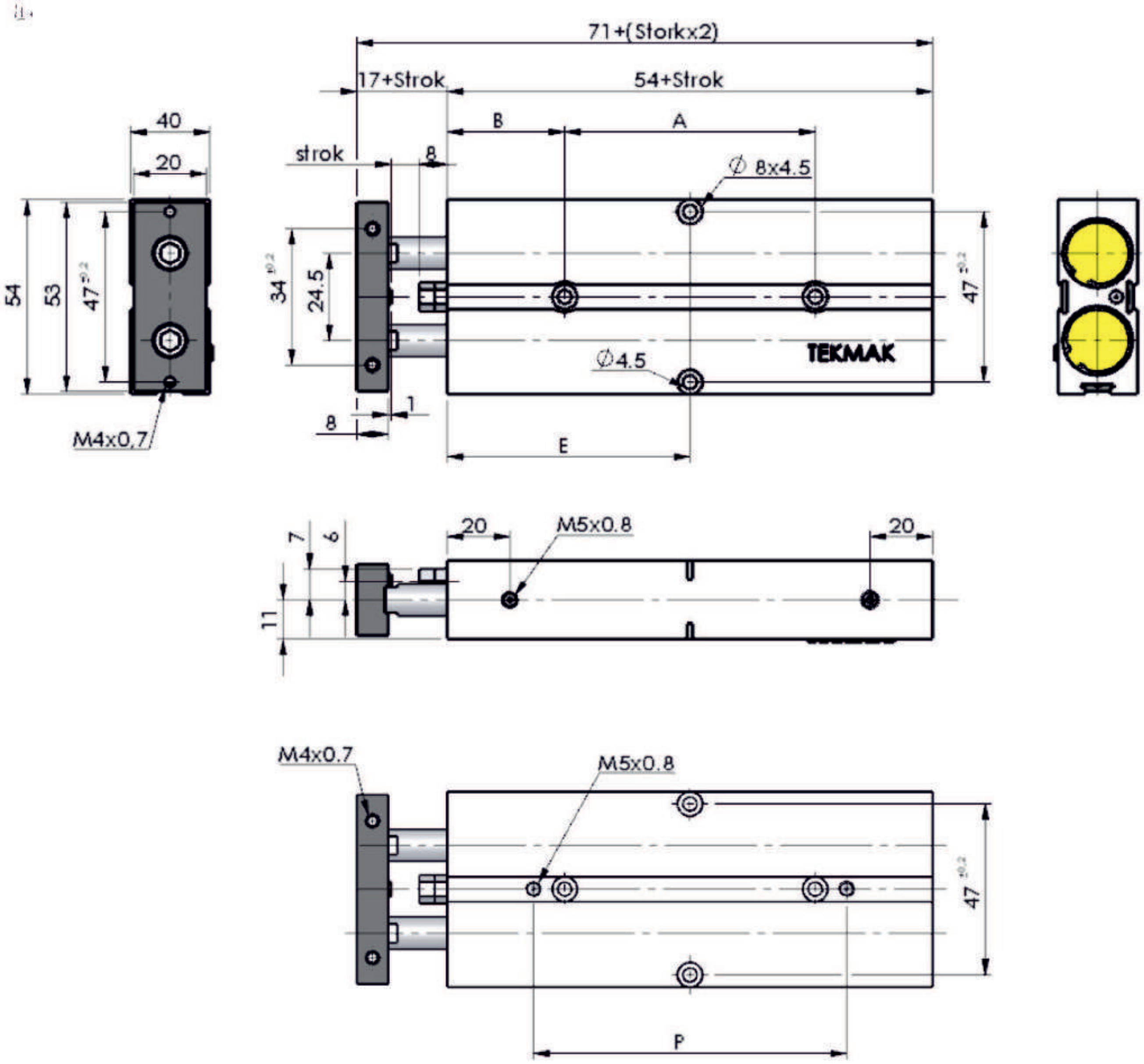
TCBS - 025 - 100

Strok / Stroke
Silindir çapı / Cylinder diameter
Model / Model

ÇİFT MİLLİ BLOK SİLİNDİR

TWINROD CYLINDER

TCBS Ø15

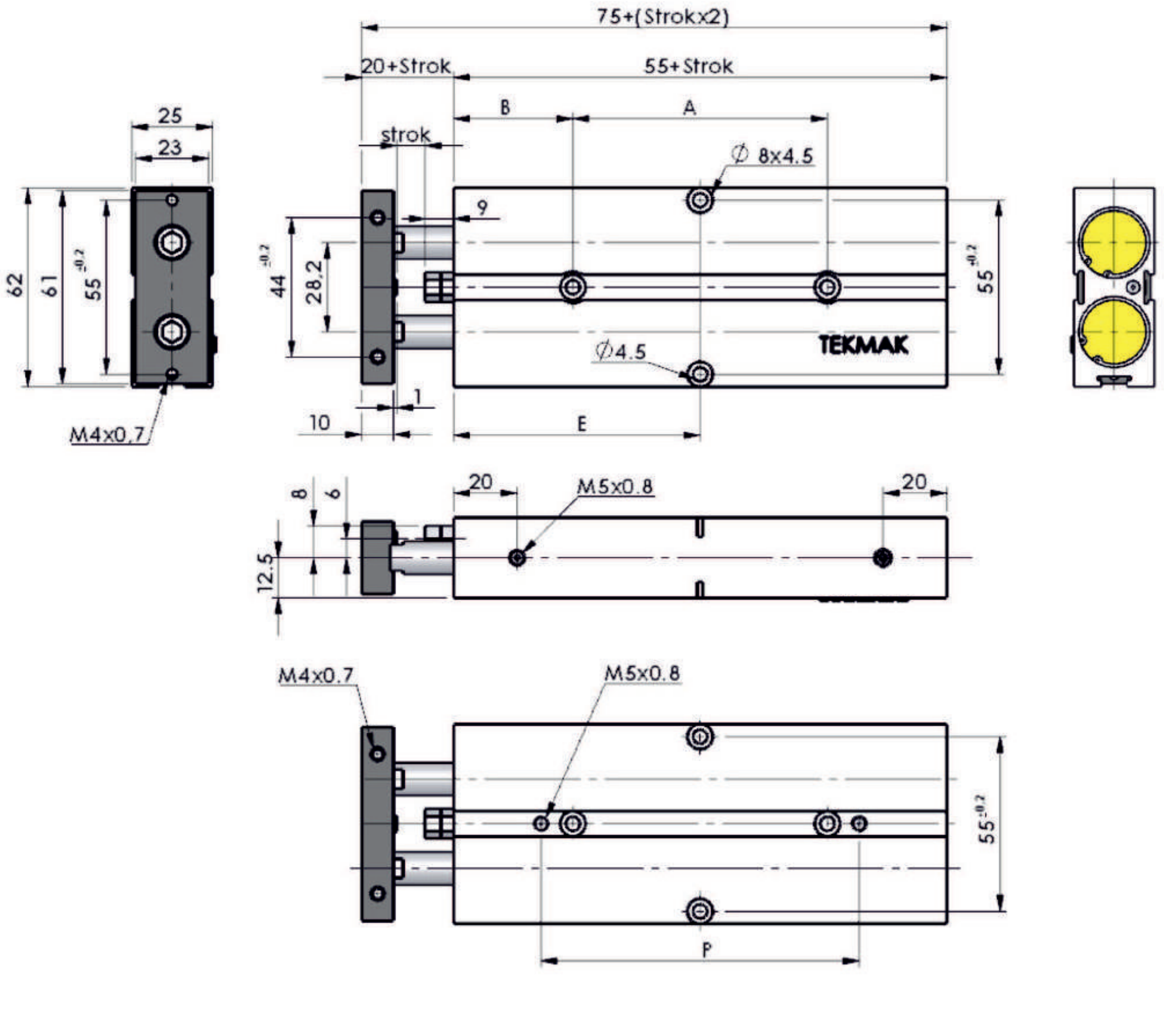


Strok (mm) / Sembol	10	20	25	30	40	50	75	100	125	150	175	200
A	20	20	20	20	30	40	60	80	100	100	100	100
B	22	27	39,5	32	32	32	34,5	37	39,5	52	64,5	77
E	32	37	39,5	42	47	52	64,5	77	89,5	102	114,5	127
P			40	40	50	60	80	100	120	120	120	120

ÇİFT MİLLİ BLOK SİLİNDİR

TWINROD CYLINDER

TCBS Ø20

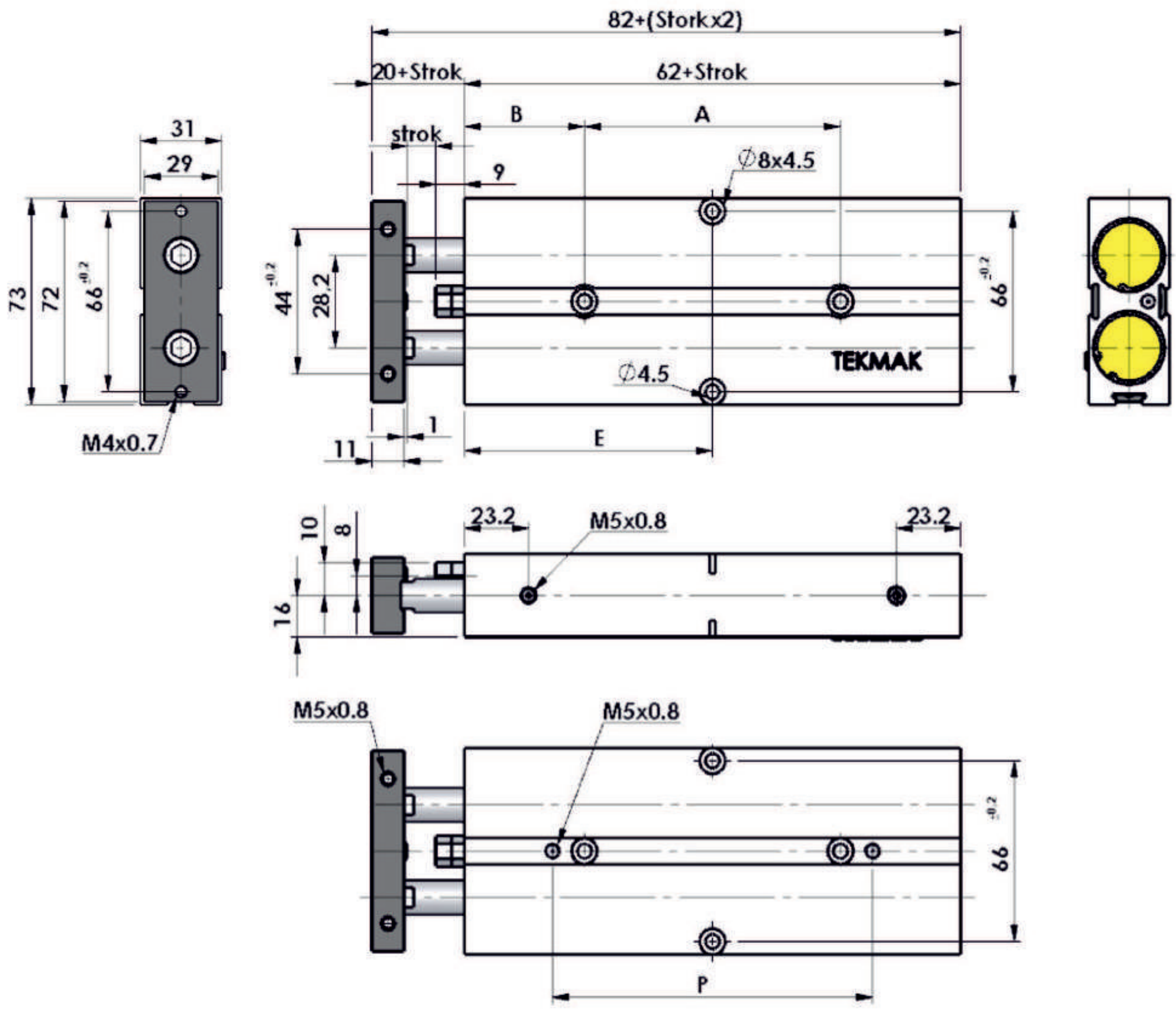


Strok (mm) / Sembol	10	20	25	30	40	50	75	100	125	150	175	200
A	20	20	20	20	30	40	60	80	100	100	100	100
B	22,5	27,5	30	32,5	32,5	32,5	35	37,5	40	52,5	65	77,5
E	32,5	37,5	40	42,5	47,5	52,5	65	77,5	90	102,5	115	127,5
P			40	40	50	60	80	100	120	120	120	120

ÇİFT MİLLİ BLOK SİLİNDİR

TWINROD CYLINDER

TCBS Ø25

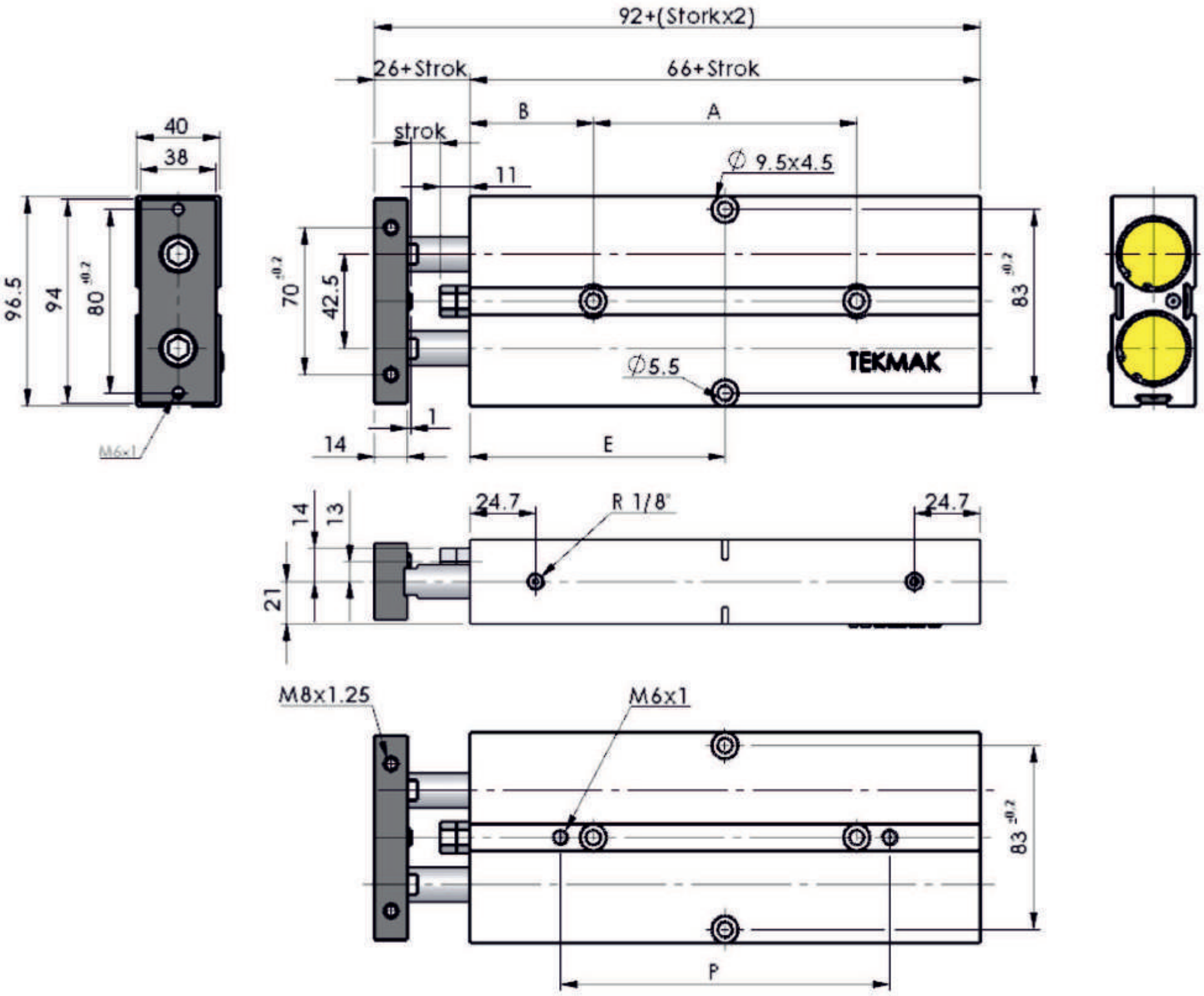


Strok (mm) / Sembol	10	20	25	30	40	50	75	100	125	150	175	200
A	20	20	20	20	30	40	60	80	100	100	100	100
B	26	31	33,5	36	36	36	38,5	41	43,5	56	68,5	81
E	36	41	43,5	46	51	56	68,5	81	93,5	106	118,5	131
P			40	40	50	60	80	100	120	120	120	120

ÇİFT MİLLİ BLOK SİLİNDİR

TWINROD CYLINDER

TCBS Ø32

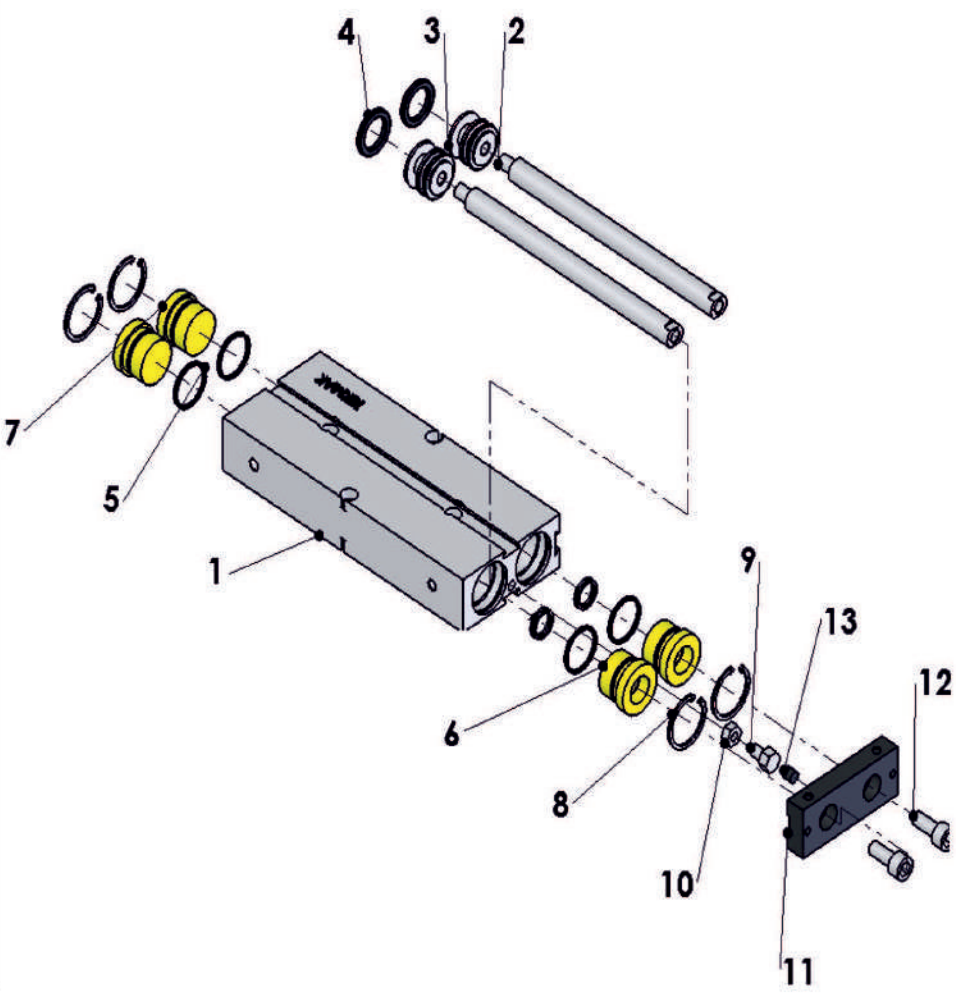


Strok (mm) / Sembol	10	20	25	30	40	50	75	100	125	150	175	200
A	20	20	20	20	30	40	60	80	100	100	100	100
B	28	33	35,5	38	38	38	40,5	43	45,5	58	70,5	83
E	38	43	45,5	48	53	58	70,5	83	95,5	108	120,5	133
P			30	30	40	50	80	100	120	120	120	120

ÇİFT MİLLİ BLOK SİLİNDİR

TWINROD CYLİNDER

Numara NR.	Parça Adı Name of the Parts	Malzemesi Material
1	Silindir Boru Cylinder Tube	Alüminyum Aluminium
2	Piston Mili Piston Rod	CK 45 Sert krom kaplı CK 45 Hard Chrome plated
3	Keçe Yatağı Seal Bed	Alüminyum Aluminium
4	Piston Keçesi Piston Seal	NBR
5	O-Ring	NBR
6	Ön Kapak Head Cover	Alüminyum Aluminium
7	Arka Kapak Back Cover	Alüminyum Aluminium
8	Segman	Yay Çeliği Spring Steel
9	Cıvata Bolt	Galvanizli Çelik Galvanized Steel
10	Somun Nut	Galvanizli Çelik Galvanized Steel
11	Piston Kapağı Piston Cover	Alüminyum Aluminium
12	Piston Kapağı Cıvata Pistn Cover Bolt	Galvanizli Çelik Galvanized Steel
13	Dayama Gauge	Alüminyum Aluminium

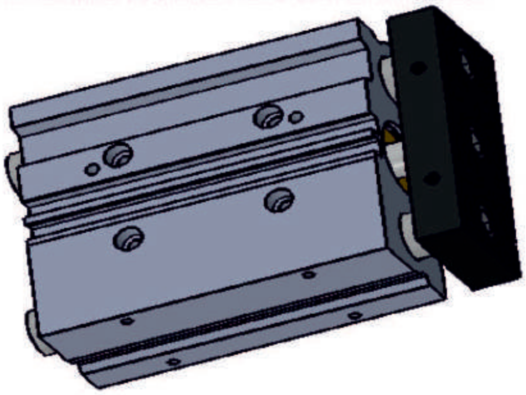


TEKMAKSAN
HİDROLİK PNOMATİK - OTOMASYON

MANYETİK YATAKLI BLOK SİLİNDİR

MAGNETIC GUIDE BLOCK CYLINDER

YENİ



TEKNİK ÖZELLİKLER / TECNICAL PROPERTIES	
Çalışma Ortamı / Operating Medium	Filitrelenmiş Sıkıştırılmış Hava / Fitler compresure air
Çalışma Sıcaklığı / Operating Temperature	-10/+60C˚
Çalışma Basıncı min / Operating pressure min.	0.1Mpa
Çalışma Basıncı max. / Operating pressure max.	1.2Mpa
Uygulanabilir Hız / Applicable speed	500-700 mm/s
Yağlama / Lubrication	Şartlandırıcı Yağı / 10 number naturel FRL oil
Strok Hatası / Stroke error	±0.3mm
Hareket Tipi / Action type	Çift etkli / Double action
Mil / Rod	CK-45 Sert Krom Kaplı / CK 45 hard chrome plated
Sızdırmazlık / Seals (Leak-proof)	Poliüretan+NBR / Polyurethane + NBR
Boru / Pipe	ALMGSİ05 Extrüzyon / ALMGSI05
Manyetik Sivic / Magnet switch	SDA-25
Ø	**STANDART STROKLAR**
16 - 20 - 25 - 32 - 40 - 50	25 - 50 - 100 - 125 - 150

Boru çap (Bore Size)	Mil Çapı (Rod Dia.)	Etki Yönü (Action)	Piston Alanı (Piston Area) cm²	Etki Eden Basınç Alan(Bar=Kgf/cm²)						
				1	2	3	4	5	6	7
16	Ø 8	itme/Push	2.01	---	4	6	8	10.1	12.1	14
		Çekme/Pull	1.51	----	3	4.5	6	7.6	9.1	10.6
20	Ø 10	itme/Push	3.14	---	6	9	12	15	18	21
		Çekme/Pull	2.35	----	4.7	7.1	9.4	11.8	14.1	16.5
25	Ø 12	itme/Push	4.9	----	9	14	19	24	29	34
		Çekme/Pull	3.77	----	7.5	11.3	15.1	18.9	22.6	26.3
32	Ø 16	itme/Push	8.04	----	16	24	32	40	48	55
		Çekme/Pull	6.03	----	12.1	18.1	24.2	30.2	36.2	42.2
40	Ø 16	itme/Push	12.56	12	25	37	50	62	75	87
		Çekme/Pull	10.55	10	21	31	42	52	63	73
50	Ø 20	itme/Push	19.63	19	39	58	78	98	117	137
		Çekme/Pull	16.49	16	32	49	65	82	98	115

Sipariş nasıl verilir ? / How to Order ?

Model Silindir çapı Strok / Model Cylinder Diameter Strok

TBS - 025 -100

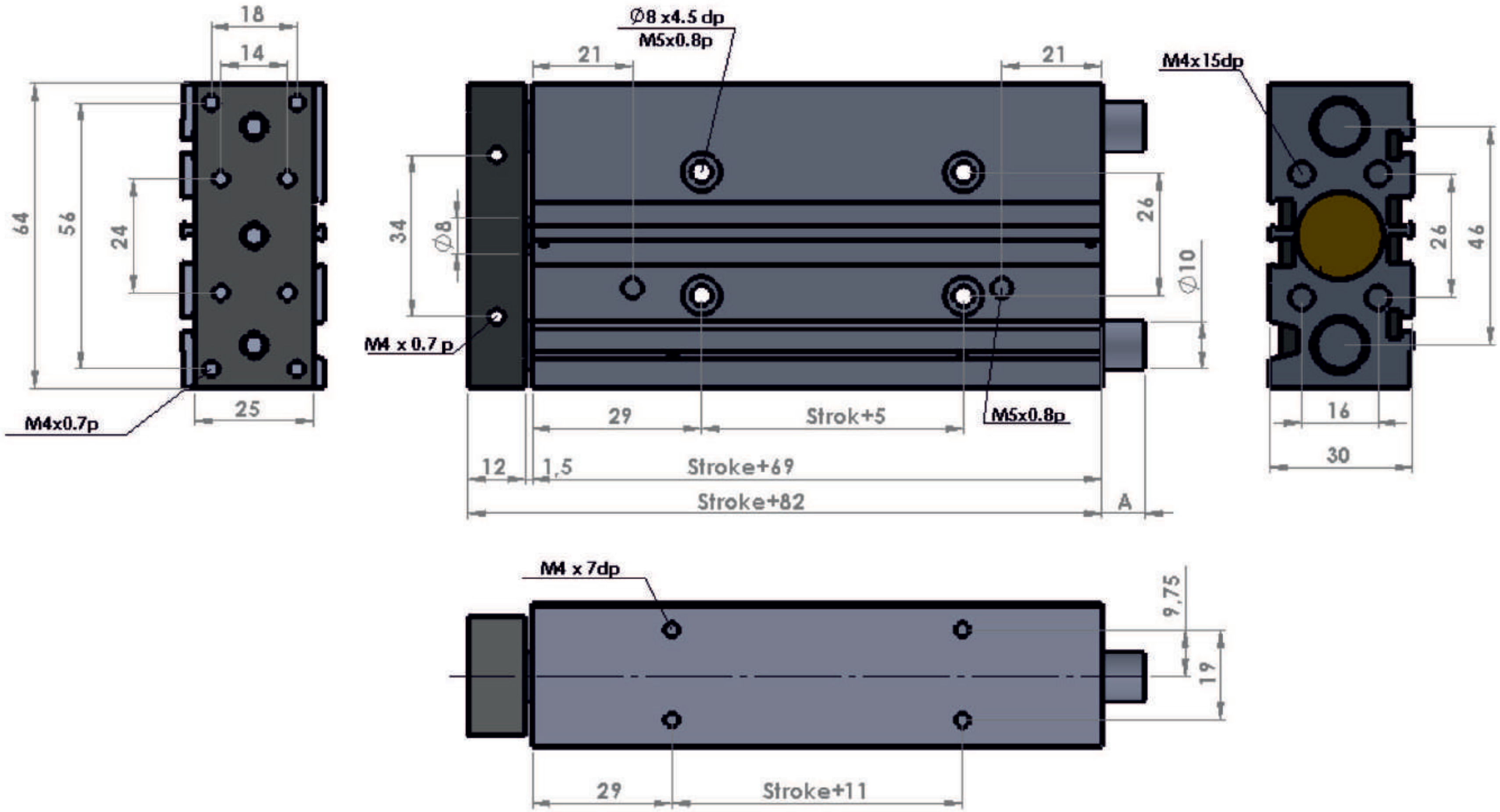
TBS - 025 - 100

Strok / Stroke
Silindir çapı / Cylinder diameter
Model / Model

MANYETİK YATAKLI BLOK SİLİNDİR

MAGNETIC GUIDE BLOCK CYLINDER

TBS Ø16

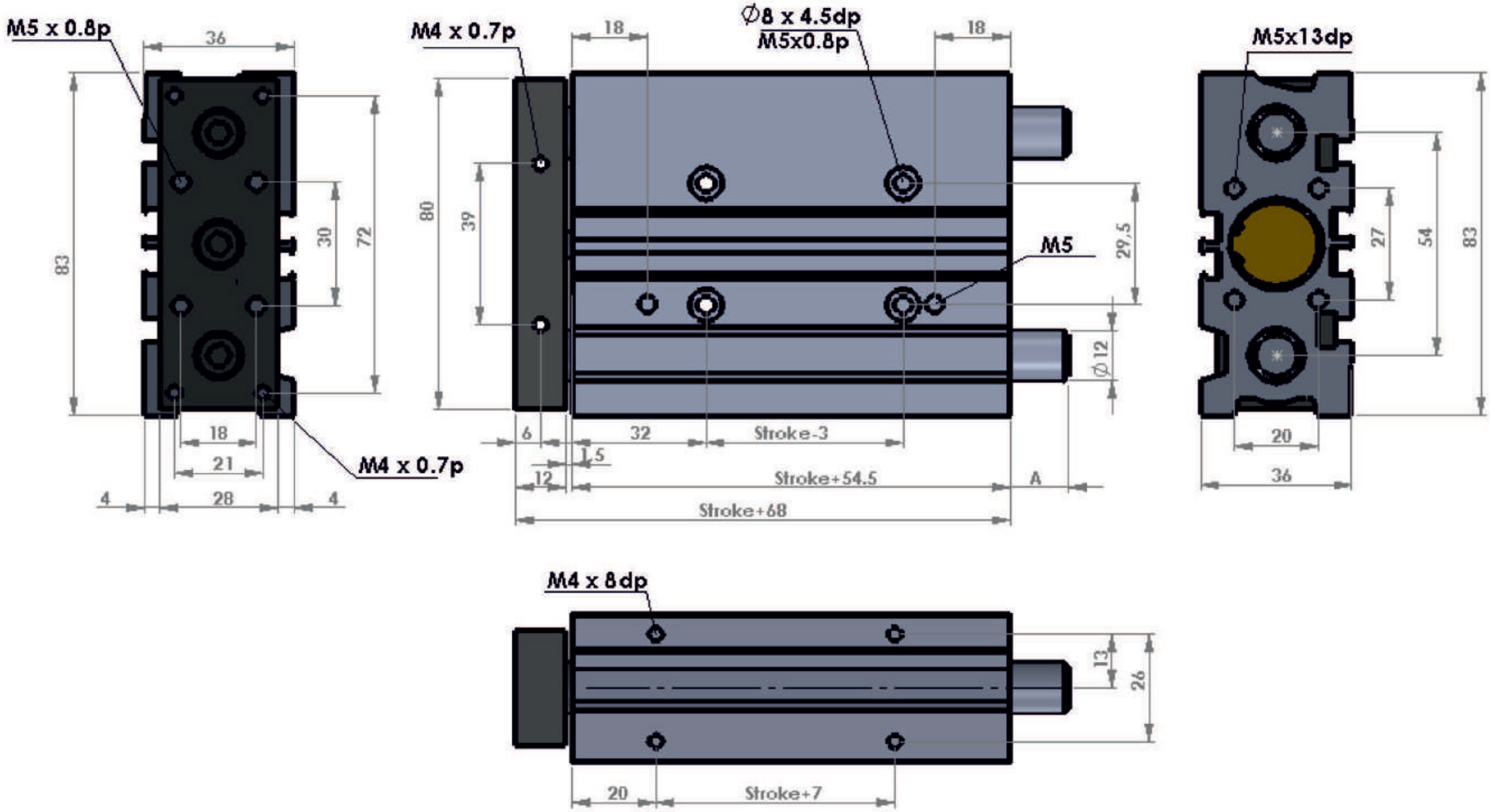


Sembol \ Strok (mm)	25	50	75	125	150
A	0	0	11.5	11.5	11.5

MANYETİK YATAKLI BLOK SİLİNDİR

MAGNETIC GUIDE BLOCK CYLINDER

TBS Ø20

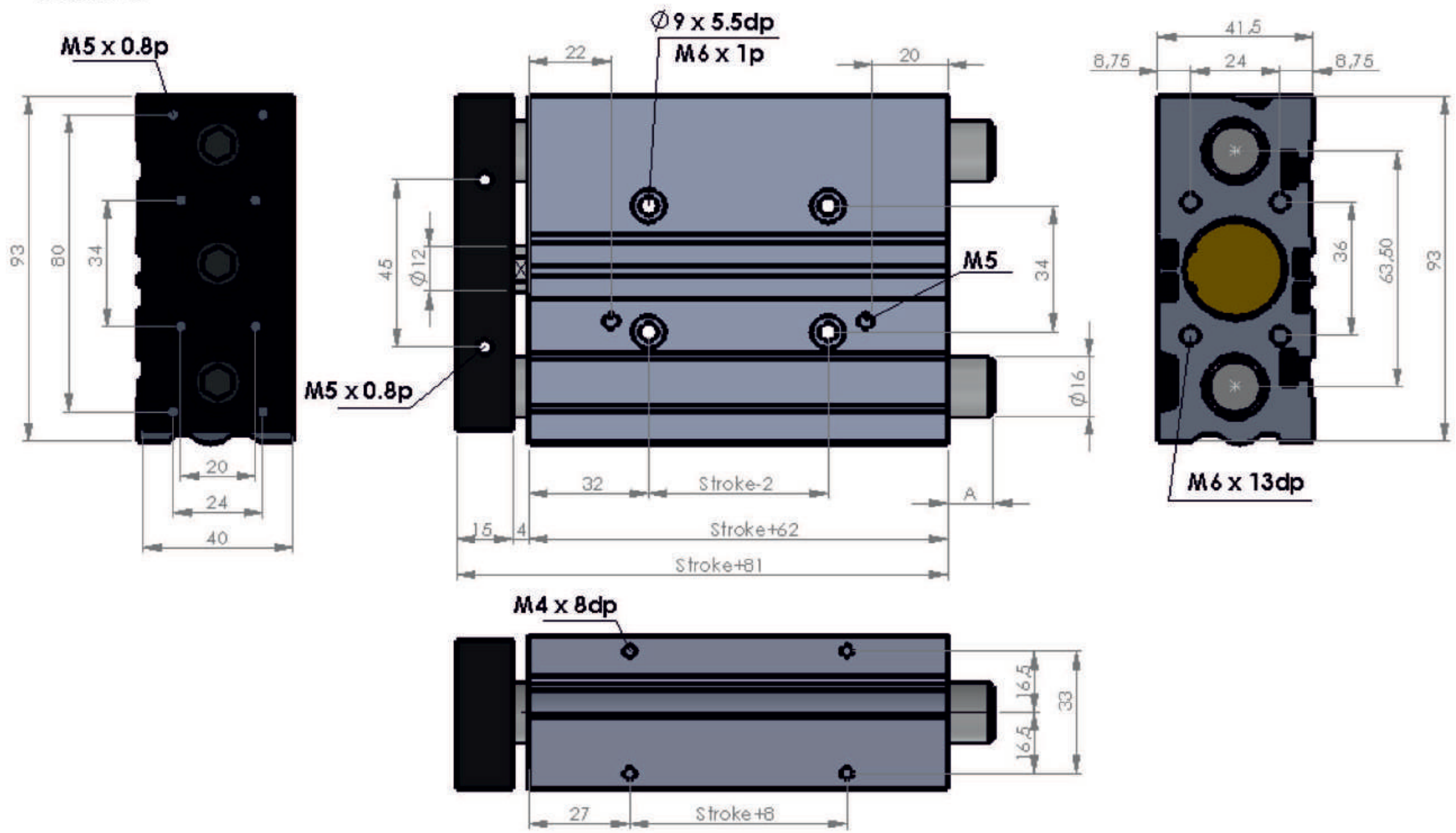


Sembol \ Strok (mm)	25	50	75	100	125	150
A	0	0	15	15	15	15

MANYETİK YATAKLI BLOK SİLİNDİR

MAGNETIC GUIDE BLOCK CYLINDER

TBS Ø25

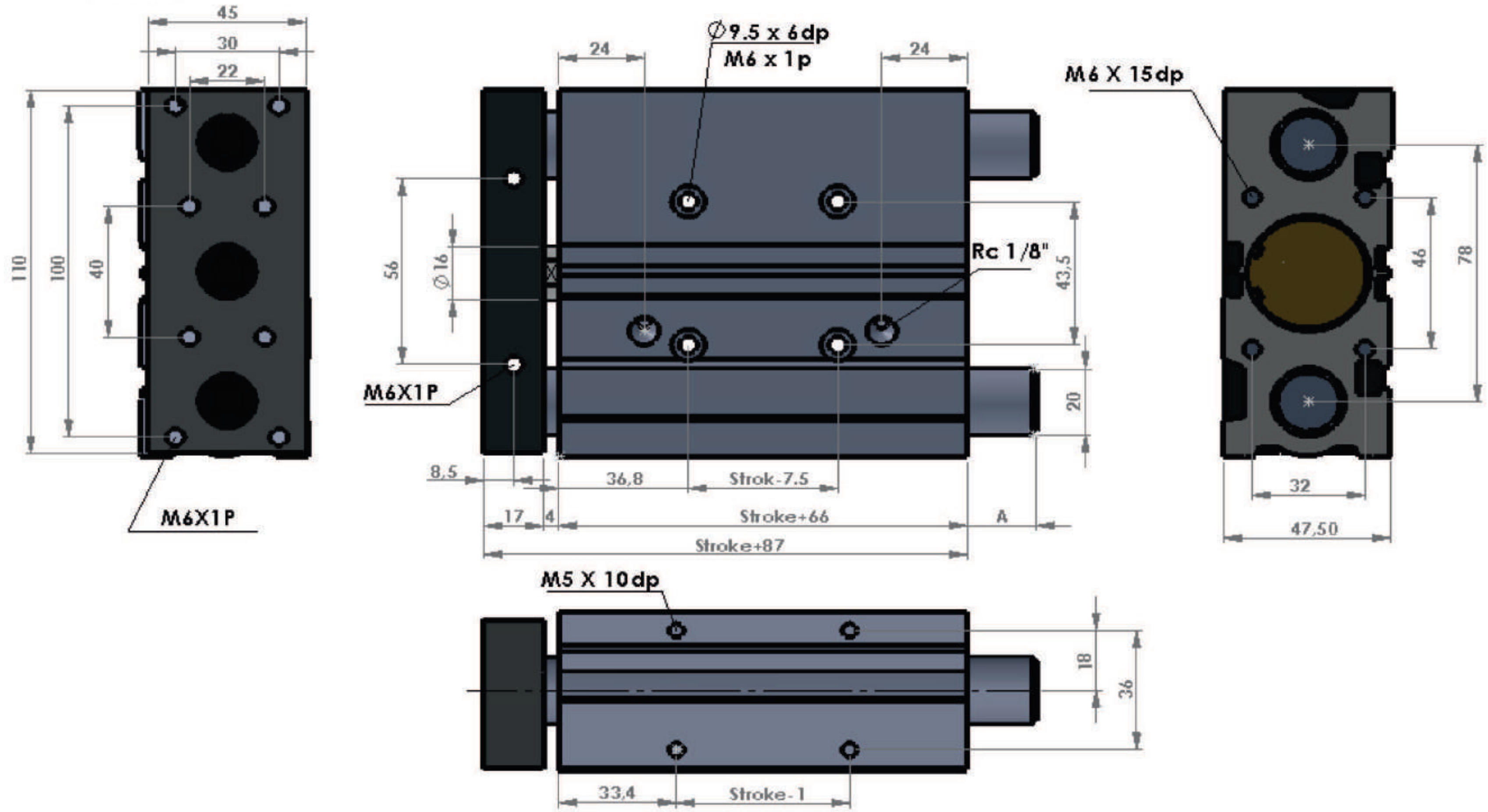


Sembol \ Strok (mm)	25	50	75	100	125	150
A	0	0	11	11	11	11

MANYETİK YATAKLI BLOK SİLİNDİR

MAGNETIC GUIDE BLOCK CYLINDER

TBS Ø32

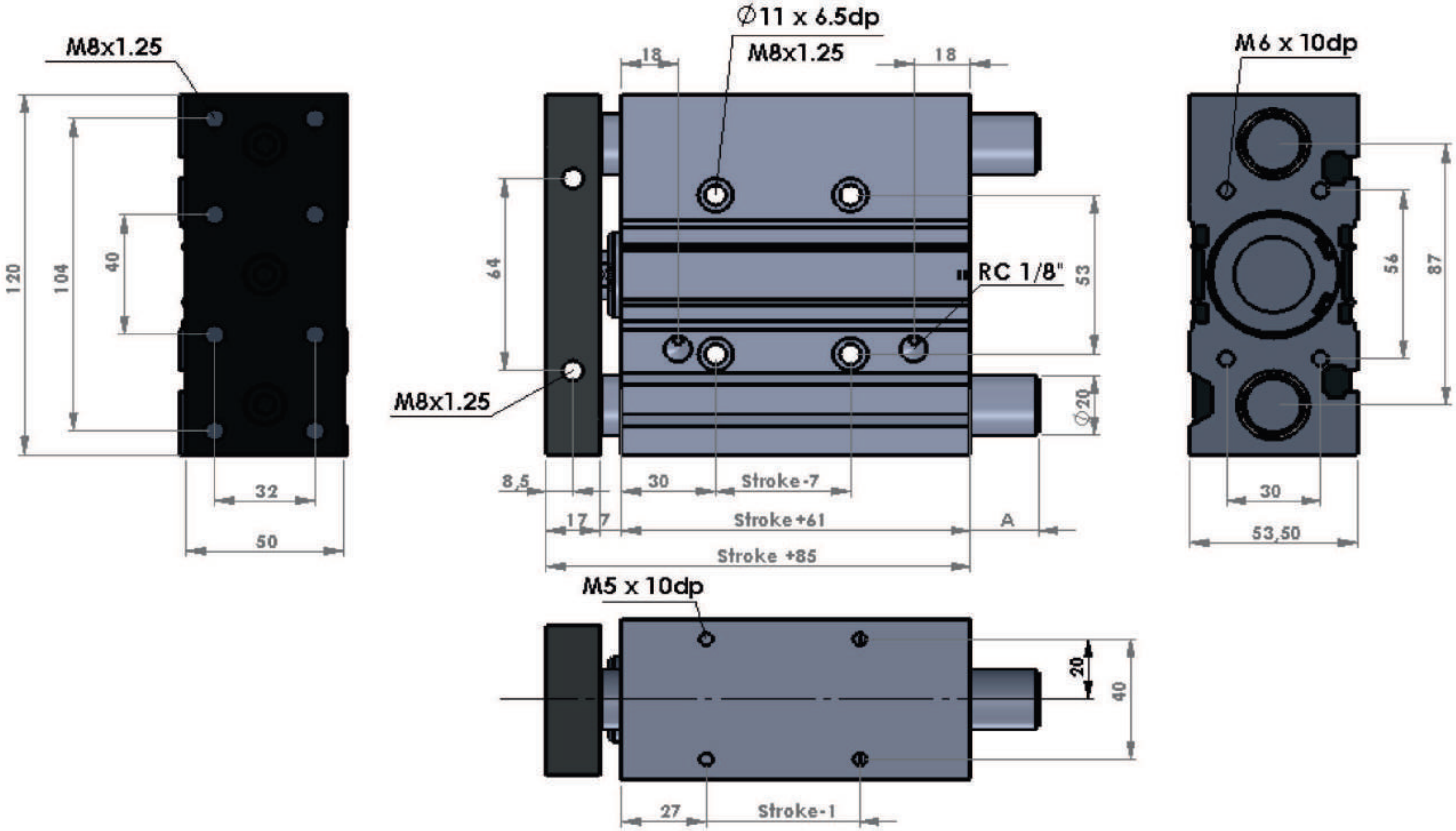


Sembol \ Strok (mm)	25	50	75	100	125	150
A	0	0	34	34	34	34

MANYETİK YATAKLI BLOK SİLİNDİR

MAGNETIC GUIDE BLOCK CYLINDER

TBS Ø40

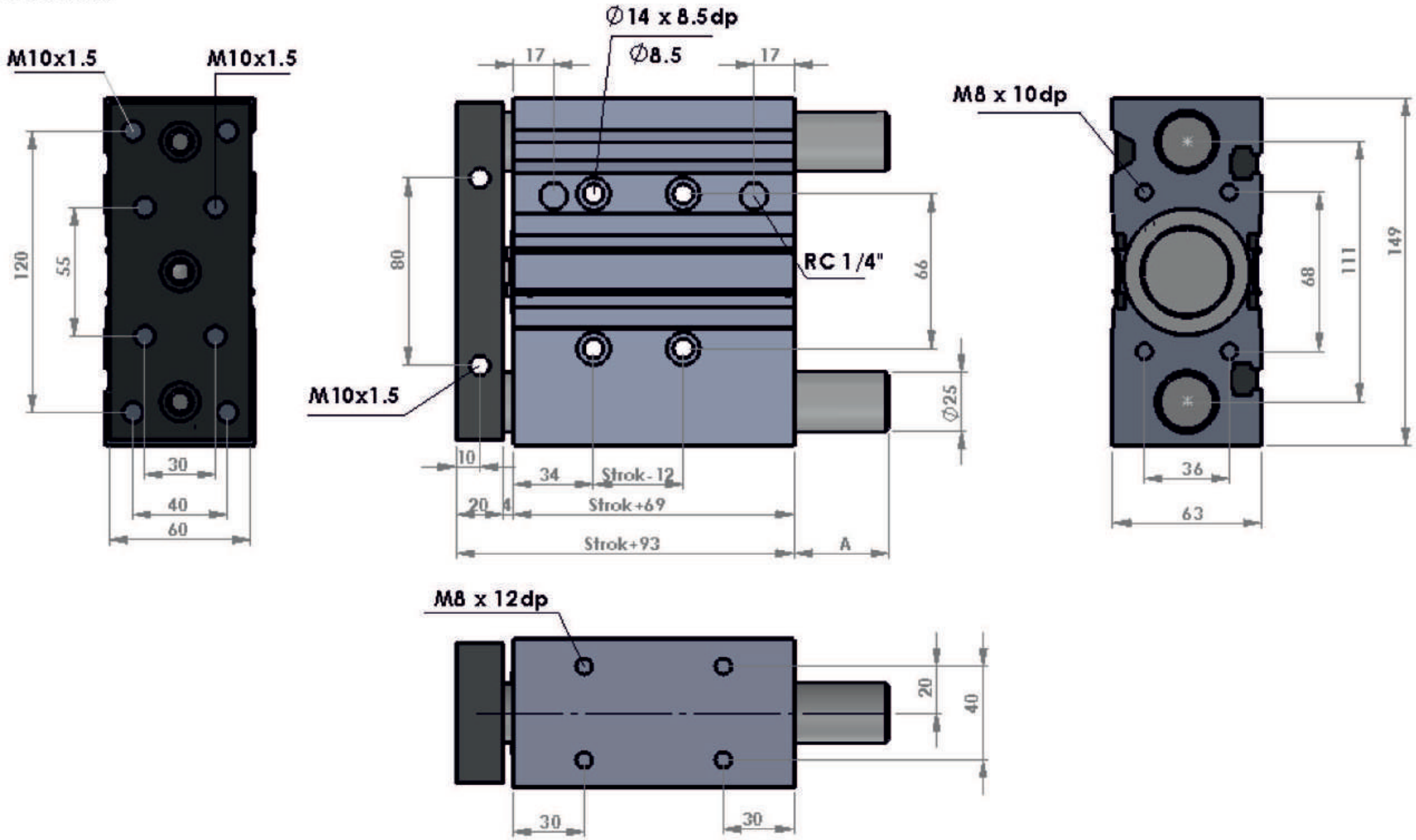


Strok (mm) / Sembol	30	50	75	100	125	150
A	0	0	33	33	33	33

MANYETİK YATAKLI BLOK SİLİNDİR

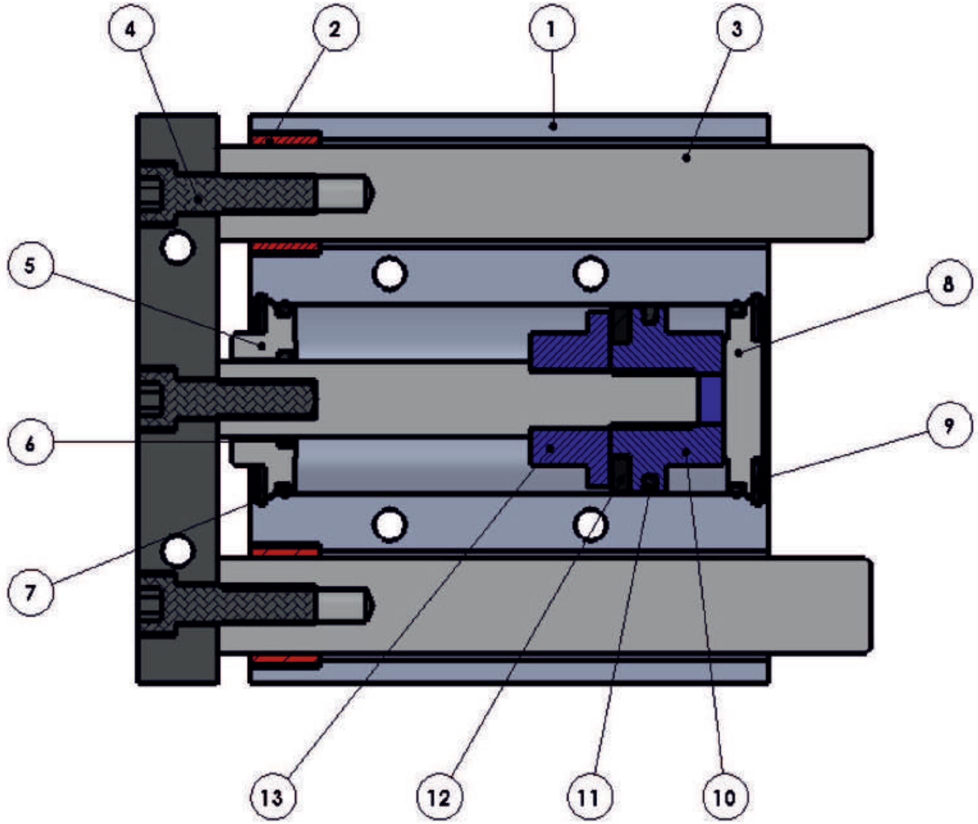
MAGNETIC GUIDE BLOCK CYLINDER

TBS Ø50



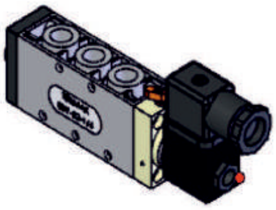
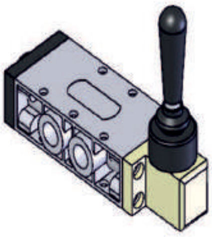
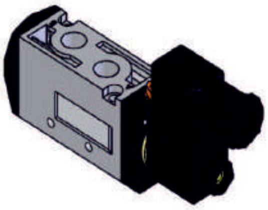
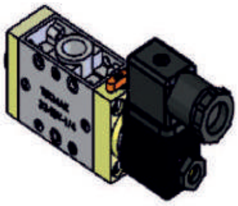
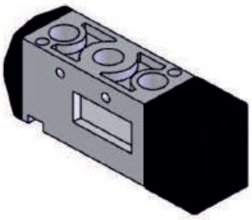
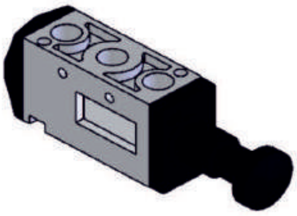
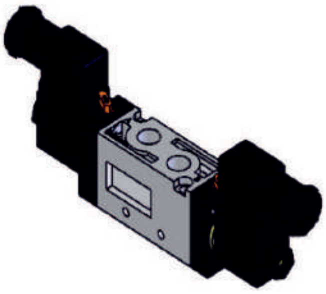
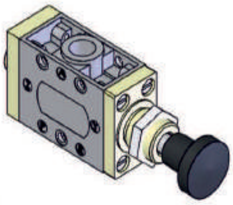
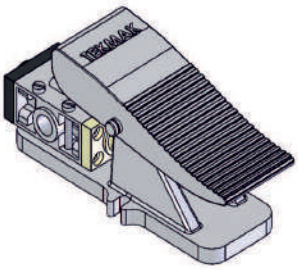
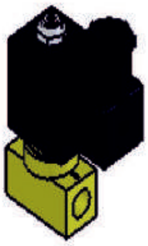
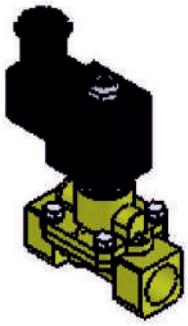
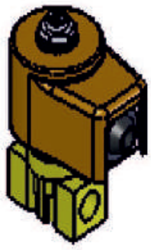
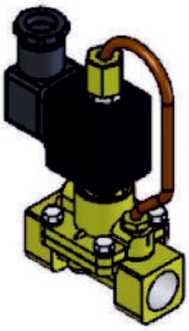
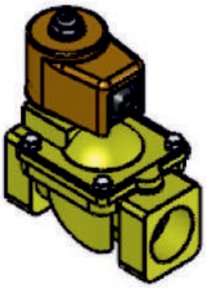
Sembol \ Strok (mm)	30	50	75	100	125	150
A	0	0	0	49	49	49

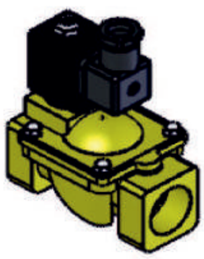
MANYETİK YATAKLI BLOK SİLİNDİR
MAGNETIC GUIDE BLOCK CYLINDER



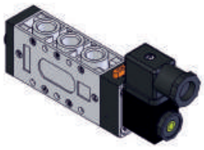
NO	MALZEME ADI	MALZEMESİ	ADET
1	Silindir Borusu	Alüminyum	1
2	Yataklama Burcu	CSB -40	2
3	Desdek mili	CK 45 Sert krom kaplı	2
4	İmbus Cıvata	8x8	3
5	Ön Kapak	Alüminyum	1
6	Bogaz Keçesi	NBR	1
7	O-Ring	NBR	2
8	Arka Kapak	Alüminyum	1
9	Segman	Yay Çeliği	2
10	Piston Kapağı 1	Alüminyum	1
11	Piston Keçesi	NBR	1
12	Mıknatıs		1
13	Piston Yatağı 2	Alüminyum	1

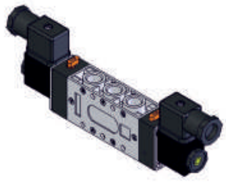
PNOMATİK VALF GRUBU
PNEUMATIC VALVE GROUP

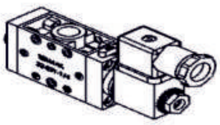
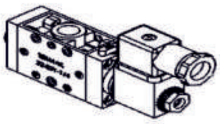
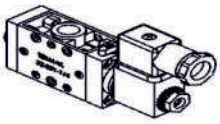
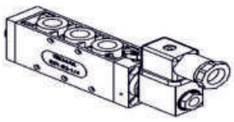
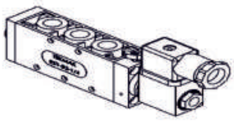
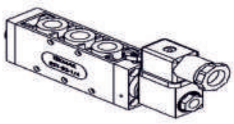
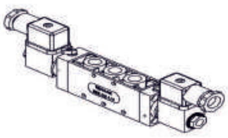
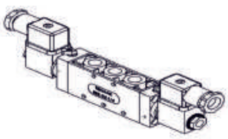
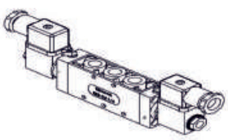


















ELEKTRİK KUMANDALI / ELECTRIC CONTROL





	ELEKTRIK-YAY (3 YOLLU 2 KONUMLU) ELECTRICAL-SPRING (3 PORTS 2 POSİTİONS)	1/4"	TESY-32
	ELEKTRIK-DIŞTAN HAVA (3 YOLLU 2 KONUMLU) ELECTRICAL-OUTWARD AIR (3 PORTS 2 POSİTİONS)	1/4"	TESP-32
	ELEKTRIK-PİLOT HAVA (3 YOLLU 2 KONUMLU) ELECTRICAL-PILOT AIR (3 PORTS 2 POSİTİONS)	1/4"	TESO-32
	ELEKTRIK-YAY (5 YOLLU 2 KONUMLU) ELECTRICAL-SPRING (5 PORTS 2 POSİTİONS)	1/4"	TESY-52
	ELEKTRIK-DIŞTAN HAVA (5 YOLLU 2 KONUMLU) ELECTRICAL-OUTWARD AIR (5 PORTS 2 POSİTİONS)	1/4"	TESP-52
	ELEKTRIK-PİLOT HAVA (5 YOLLU 2 KONUMLU) ELECTRICAL-PILOT AIR (5 PORTS 2 POSİTİONS)	1/4"	TESO-52
	ELEKTRIK-ELEKTRIK (5 YOLLU 2 KONUMLU) ELECTRICAL-ELECTRICAL (5 PORTS 2 POSİTİONS)	1/4"	TEES-52
	ELEKTRIK-YAY-ELEKTRIK NORMALDE AÇIK (5 YOLLU 3 KONUMLU) ELECTRICAL SPRING NORMALLY OPEN (5 PORTS 3 POSİTİONS)	1/4"	TEYE-53/A
	ELEKTRIK-YAY-ELEKTRIK NORMALDE KAPALI (5 YOLLU 3 KONUMLU) ELECTRICAL-SPRING NORMALLY CLOSED (5 PORTS 3 POSİTİONS)	1/4"	TEYE-53K

TEKMAKSAN
HİDROLİK PNÖMATİK - OTOMASYON

Model	TESY-32	TESP-32	TESO-32	TESY-52	TESP-52	TESS-52	TEYE-53/A	TEYE-53/K
Çalışma Ortamı Operating Envirenment	40 Mikron Filitreli Hava 40 Micron Filtered Air							
Basınç (bar) Pressure Range	2 - 8							
Çalışma sıcaklığı (°C) Operating Temperature	0 - 60							
Yol / Konum Number of Positions ports	3 / 2	3 / 2	3 / 2	5 / 2	5 / 2	5/ 2	5 / 3	5 / 3
Valf konumu Valve function	N.K* N.C*						N.A* N.O*	N.K* N.C*
Rakor bağlantısı Connection port	Rc - 1/4							
Yağlama	Serbest Yağlama Lubrication free type							
Voltaj (V) Voltage (v)	AC 220, AC 110, AC 24, DC 24, DC 12							
Voltaj Değişimi Voltage Range	± 10 %							
Yalıtım & Koruma sınıfı Insulation & Protection class	F sınıfı : IP 65 F class : IP 65							

* N.K / N.A : Normalde Kapalı / Normalde Açık

* N.C / N.O : Normally Closed / Normally Open

Sipariş Kodu / Order Codu				
2	**T**	**ESY**	**53**	**K**
Ürün Grubu Product Group	Tekmak	Kumanda Şekli Operation	Yol/Konum Number of P. ports	Konumu Valve function
1-Solenoid Valf 2-Pnömatik Valf 3-Pnömatik Silindir		ESY ESP ESO EES EYE	32 52 53	A : AÇIK / OPEN K-KAPALI/ CLOSED

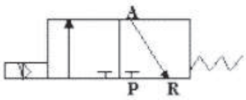
Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı / Model - Coil Voltage

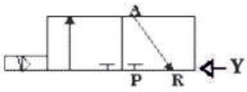
2-TEYE-53/K 220V / 2-TEYE-53/K 220V AC

32 SERİSİ / 32 SERİES

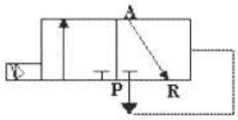
3 Yollu 2 Konumlu
3 Ports 2 Positions
Tek Bobinli
Single Solenoid



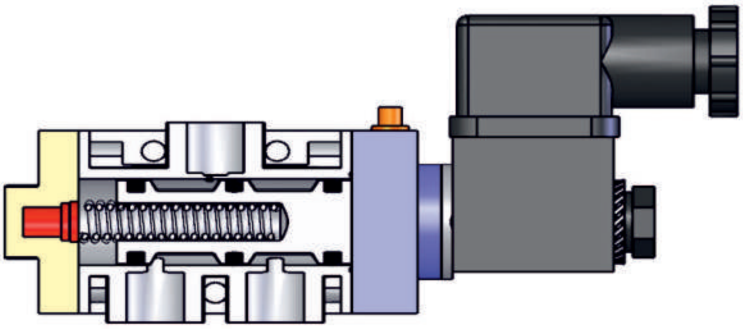
TESY-32
Normalde Kapalı
Normally closed

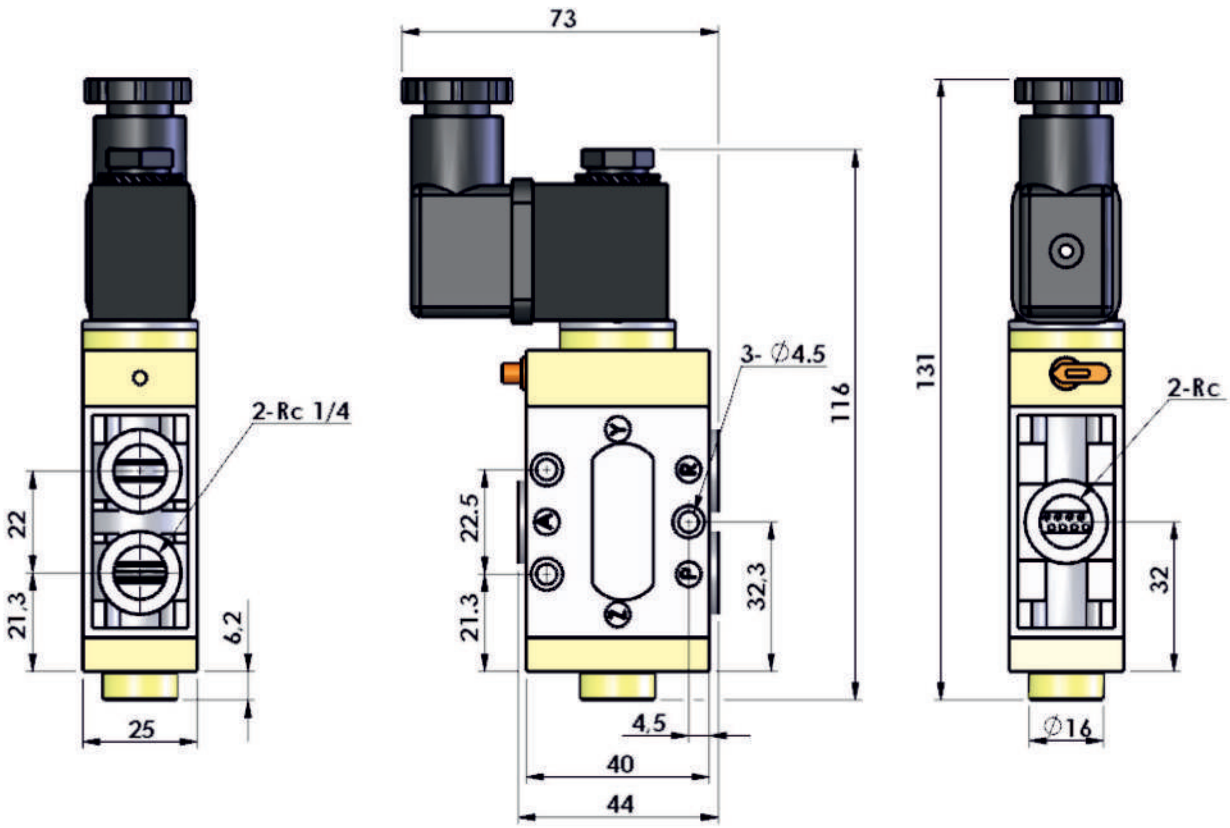


TESP-32
Normalde Kapalı
Normally closed



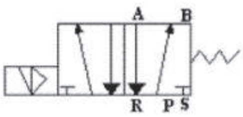
TESO-32
Normalde Kapalı
Normally closed



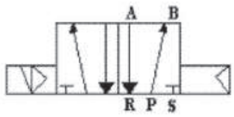


52 SERİSİ / 52 SERİES

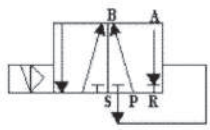
5 Yollu 2 Konumlu
5 Ports 2 Positions
Tek Bobinli
Single Solenoid



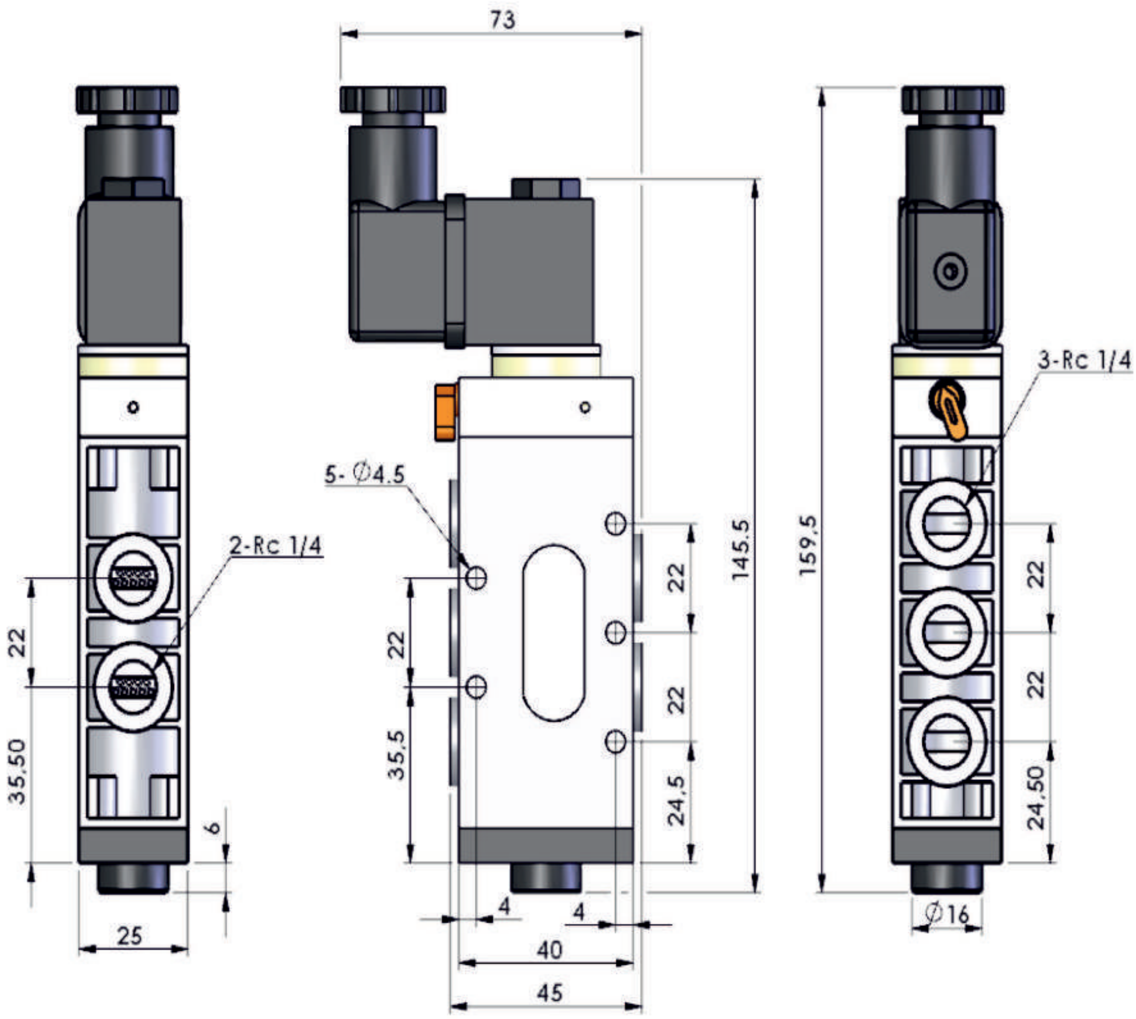
TESY-52
Normalde Kapalı
Normally closed



TESP-52
Normalde Kapalı
Normally closed

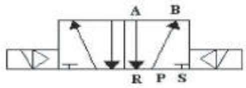


TESO-52
Normalde Kapalı
Normally closed

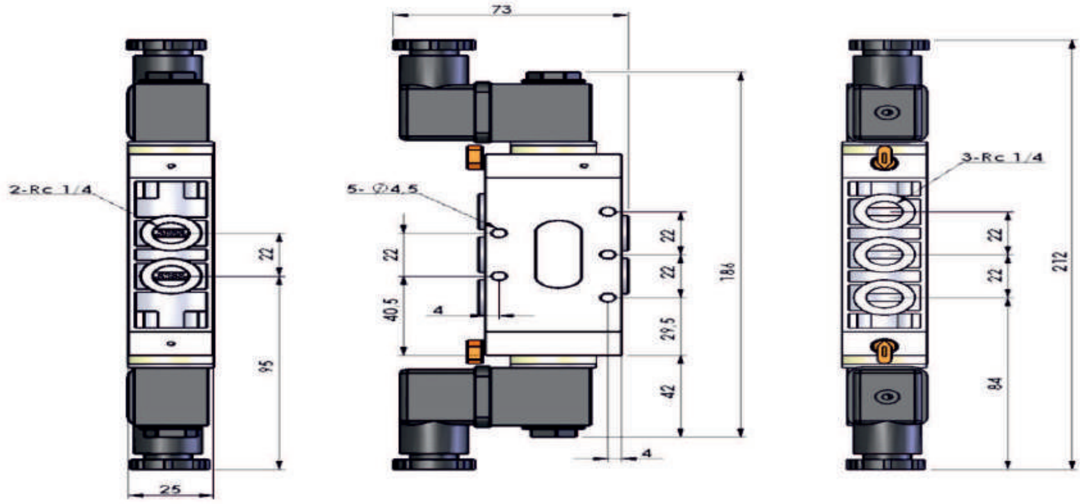


52 SERİSİ / 52 SERİES

5 Yollu 2 Konumlu
5 Ports 2 Positions
Çift Bobinli
Double Solenoid

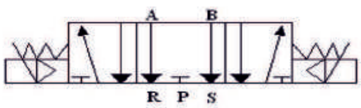


TEES-52
Normalde Kapalı
Normally closed

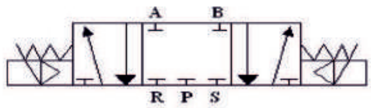


53 SERİSİ / 53 SERİES

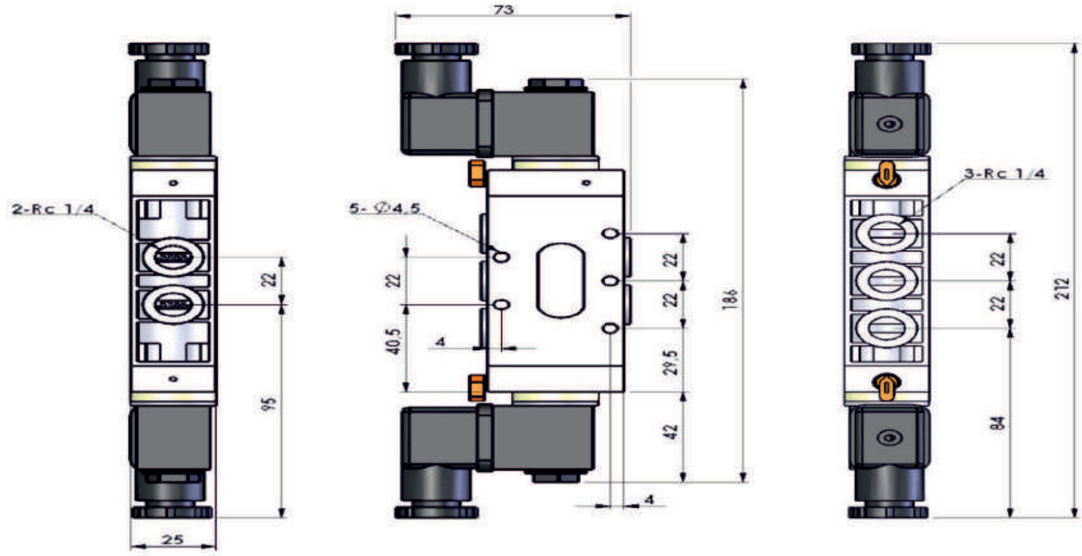
5 Yollu 3 Konumlu
5 Ports 3 Positions
Çift Bobinli
Double Solenoid



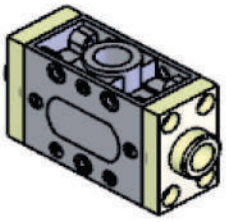
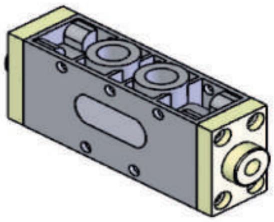
TEYE-53/A
Normalde açık
Normally open

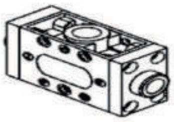
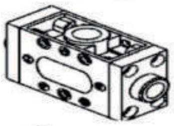
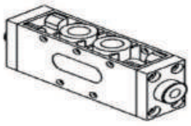
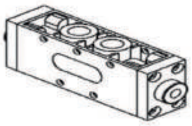
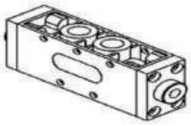
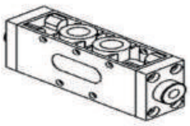


TEYE-53/K
Normalde Kapalı
Normally closed



HAVA KUMANDALI / AIR CONTROL

	HAVA-YAY (3 YOLLU 2 KONUMLU) AIR-SPRING (3 PORTS 2 POSİTİONS)	1/4"	TPY-32
	HAVA- HAVA (3 YOLLU 2 KONUMLU) AIR- AIR (3 PORTS 2 POSİTİONS)	1/4"	TPP-32
	HAVA-YAY (5 YOLLU 2 KONUMLU) AIR-SPRING (5 PORTS 2 POSİTİONS)	1/4"	TPY-52
	HAVA- HAVA (5 YOLLU 2 KONUMLU) AIR- AIR (5 PORTS 2 POSİTİONS)	1/4"	TPP-52
	HAVA-YAY-HAVA NORMALDE AÇIK (5 YOLLU 3 KONUMLU) AIR-SPRING-AIR NORMALLY OPEN (5 PORTS 3 POSİTİONS)	1/4"	TPYP-53/A
	HAVA-YAY-HAVA NORMALDE KAPALI (5 YOLLU 3 KONUMLU) AIR-SPRING-AIR NORMALLY CLOSED (5 PORTS 3 POSİTİONS)	1/4"	TPYP-53K

Model	TPY-32	TPP-32	TPY-52	TPP-52	TPYP-53/A	TPYP-53/K
Çalışma Ortamı Operating Environment	40 Mikron Filitreli Hava 40 Micron Filtered Air					
Basınç Aralığı (kgf/cm²) Pressure Range	2 - 8					
Çalışma Sıcaklığı (°C) Operating Temperature	0 - 60					
Yol / Konum Number of Positions ports	3 / 2	3 / 2	5 / 2	5 / 2	5 / 3	5 / 3
Valf Konumu Valve Function	N.K* N.C*				N.A* N.O*	N.K* N.C*
Rakor Bağlantısı Connection Port	Rc - 1/4					
Yağlama Lubrication	Serbest Yağlama Lubrication free type					

* N.K / N.A : Normalde Kapalı / Normalde Açık

* N.C / N.O : Normally Closed / Normally Open

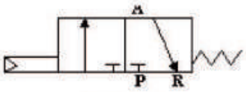
Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı / Model - Coil Voltage

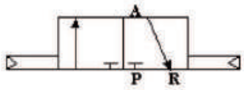
2-TPYP-53/K 220V / 2-TPYP-53/K 220V AC

32 SERİSİ / 32 SERİES

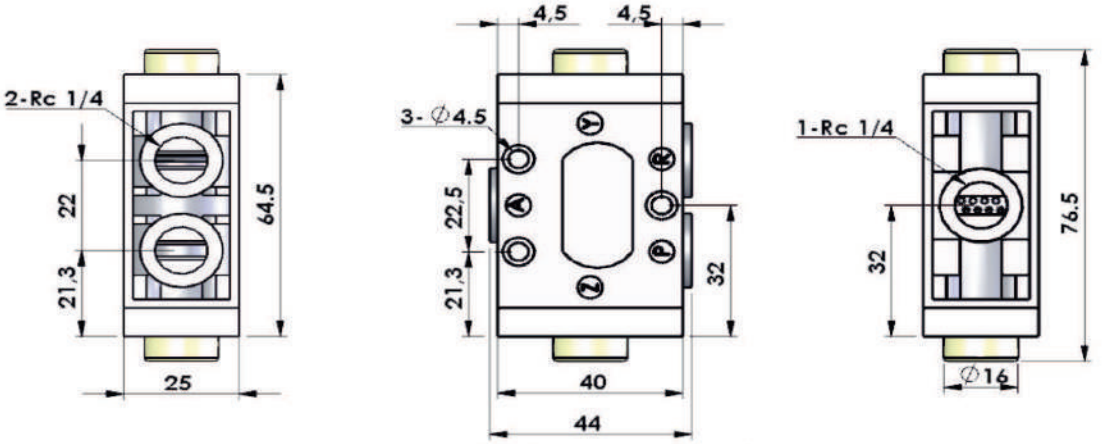
3 Yollu 3 Konumlu
3 Ports 2 Positions



TPY-32
Normalde açık
Normally open



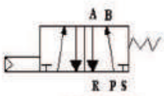
TPP-32
Normalde açık
Normally open



52 SERİSİ / 52 SERİES

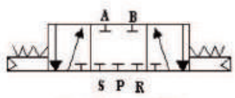
53 SERİSİ / 53 SERİES

5 Yollu 2 Konumlu
5 Ports 2 Positions
5 Yollu 3 Konumlu
5 Ports 3 Positions



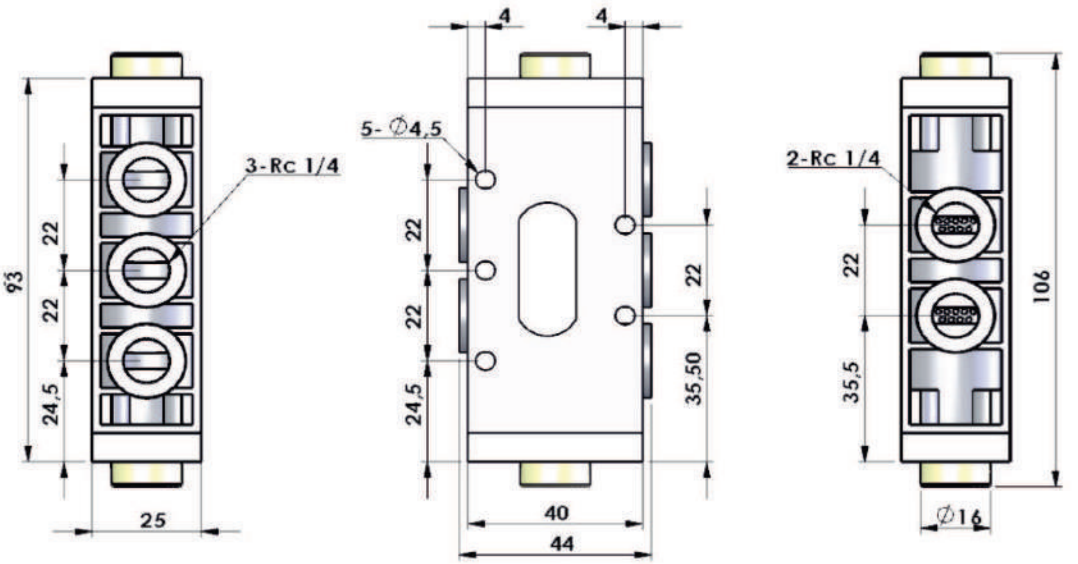
TPY-52

TPP-52
Normalde Kapalı
Normally closed



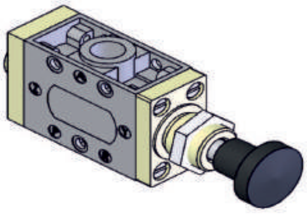
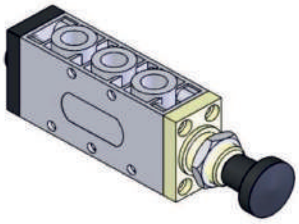
TPYP--53/K

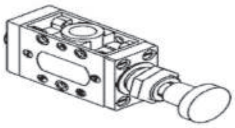
TPYP--53/A
Normalde Kapalı
Normally closed

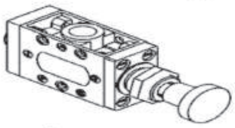


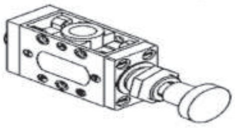
TEKMAKSAN
HİDROLİK PNÖMATİK - OTOMASYON

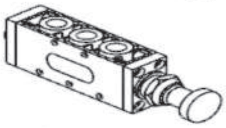
EL KUMANDALI / MECHANIC CONTROL

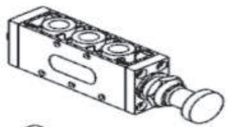




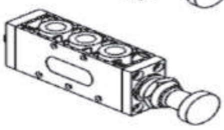

EL KUMANDALI-YAY (3 YOLLU 2 KONUMLU) 1/4" TCY-32
MANUAL CONTROL-SPRING (3 PORTS 2 POSİTİONS)


EL KUMANDALI-EL KUMANDALI (3 YOLLU 2 KONUMLU) 1/4" TCC-32
MANUAL CONTROL-MANUAL CONTROL (3 PORTS 2 POSİTİONS)


EL KUMANDALI-HAVA (3 YOLLU 2 KONUMLU) 1/4" TCP-32
MANUAL CONTROL-MANUAL CONTROL (3 PORTS 2 POSİTİONS)


EL KUMANDALI-YAY (5 YOLLU 2 KONUMLU) 1/4" TCY-52
MANUAL CONTROL-SPRING (5 PORTS 2 POSİTİONS)


EL KUMANDALI-EL KUMANDALI (5 YOLLU 2 KONUMLU) 1/4" TCC-52
MANUAL CONTROL-MANUAL CONTROL (5 PORTS 2 POSİTİONS)


EL KUMANDALI-HAVA (5 YOLLU 2 KONUMLU) 1/4" TCP-52
MANUAL CONTROL-MANUAL CONTROL (5 PORTS 2 POSİTİONS)

Model	TCY-32	TCC-32	TCP-32	TCY-52	TCC-52	TCP-52
Çalışma Ortamı Operating Environment	40 Mikron Filitreli Hava 40 Micron Filtered Air					
Basınç Aralığı (kgf/cm²) Pressure Range	2 - 8					
Çalışma Sıcaklığı (°C) Operating Temperature	0 - 60					
Yol / Konum Number of Positions ports	3 / 2	3 / 2	3 / 2	5 / 2	5 / 2	5 / 2
Valf Konumu Valve Function	N.K* N.C*					
Rakor Bağlantısı Connection Port	Rc - 1/4					
Yağlama Lubrication	Serbest Yağlama Lubrication free type					

* N.K / N.A : Normalde Kapalı / Normalde Açık
* N.C / N.O : Normally Closed / Normally Open

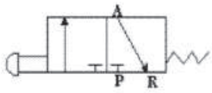
Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı / Model - Coil Voltage

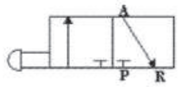
2-TCC-52 220V / 2-TCC-52 220V AC

32 SERİSİ / 32 SERİES

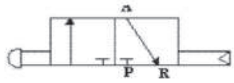
3 Yollu 2 Konumlu
3 Ports 2 Positions



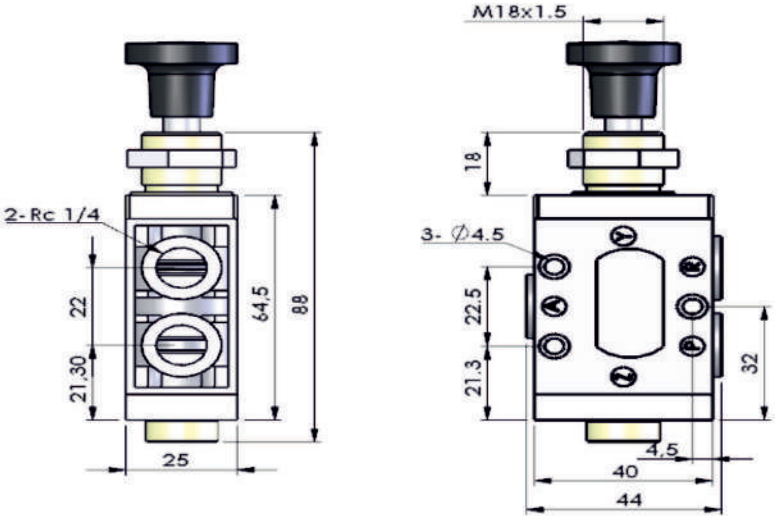
TCY-32
Normalde Kapalı
Normally closed



TCC-32
Normalde Kapalı
Normally closed

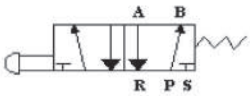


TCP-32
Normalde Kapalı
Normally closed

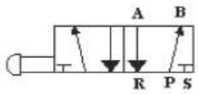


52 SERİSİ / 52 SERİES

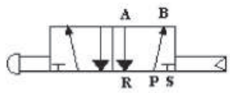
5 Yollu 2 Konumlu
5 Ports 2 Positions



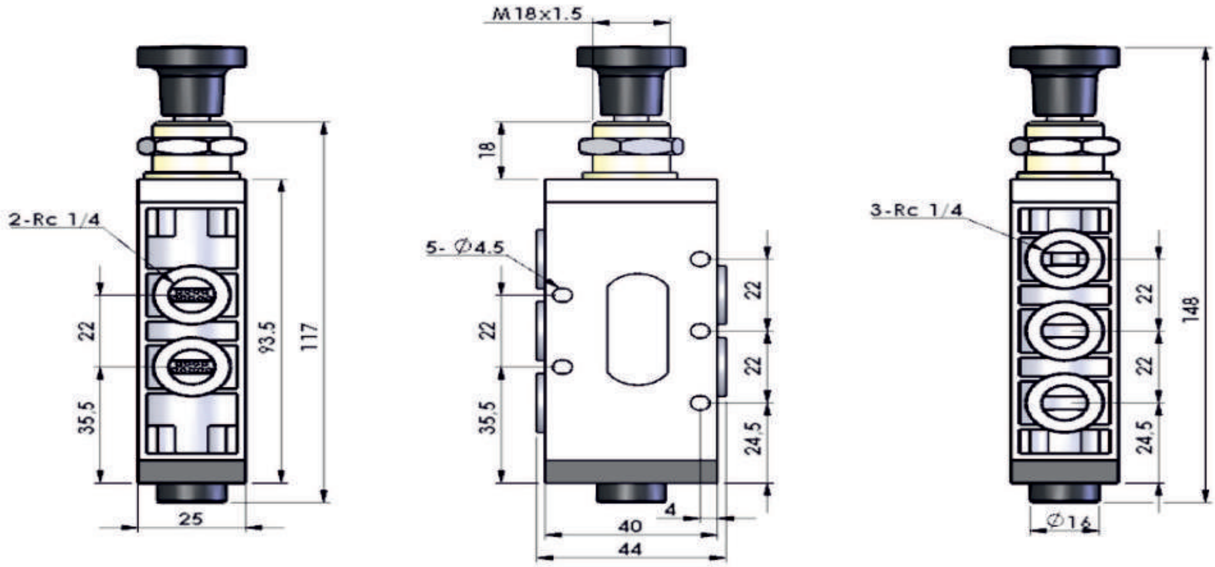
TCY-52
Normalde Kapalı
Normally closed



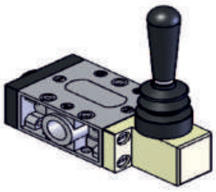
TCC-52
Normalde Kapalı
Normally closed

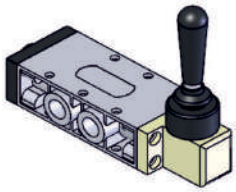


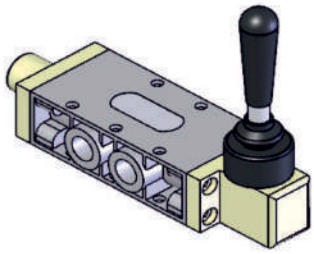
TCP-52
Normalde Kapalı
Normally closed

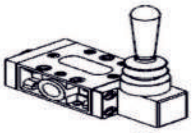
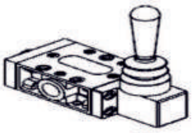
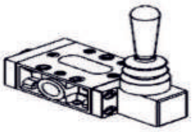
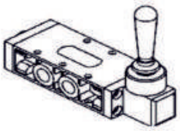
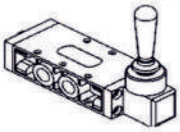
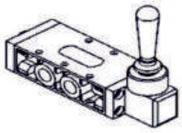
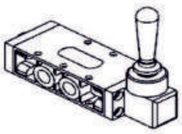
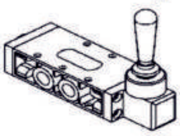
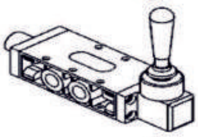
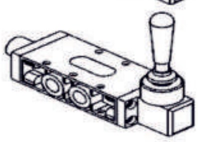


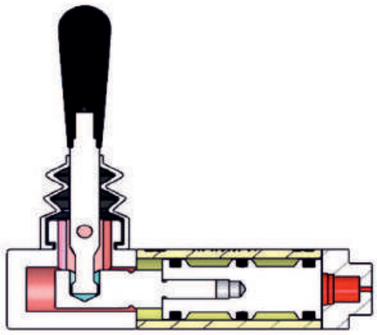
KOL KUMANDALI / LEVER CONTROL







	KOL KUMANDALI-YAY (3 YOLLU 2 KONUMLU) LEVER CONTROL-SPRING (3 PORTS 2 POSİTİONS)	1/4"	TKY-32
	KOL KUMANDALI (3 YOLLU 2 KONUMLU) LEVER CONTROL (3 PORTS 2 POSİTİONS)	1/4"	TKK-32
	KOL KUMANDALI-HAVA (3 YOLLU 2 KONUMLU) LEVER CONTROL-AIR (3 PORTS 2 POSİTİONS)	1/4"	TKP-32
	KOL KUMANDALI-YAY (5 YOLLU 2 KONUMLU) LEVER CONTROL-SPRING (5 PORTS 2 POSİTİONS)	1/4"	TKY-52
	KOL KUMANDALI (5 YOLLU 2 KONUMLU) LEVER CONTROL (5 PORTS 2 POSİTİONS)	1/4"	TKK-52
	KOL KUMANDALI-HAVA (5 YOLLU 2 KONUMLU) LEVER CONTROL-AIR (5 PORTS 2 POSİTİONS)	1/4"	TKP-52
	KOL KUMANDALI / NORMALDE AÇIK (5 YOLLU 3 KONUMLU) LEVER CONTROL NORMALLY OPEN (5 PORTS 2 POSİTİONS)	1/4"	TKSK-53/A
	KOL KUMANDALI / NORMALDE KAPALI (5 YOLLU 3 KONUMLU) LEVER CONTROL / NORMALLY CLOSED (5 PORTS 2 POSİTİONS)	1/4"	TKYK-53/K
	KOL KUMANDALI-YAY / NORMALDE AÇIK (5 YOLLU 3 KONUMLU) LEVER CONTROL-SIPRING NORMALLY OPEN (5 PORTS 2 POSİTİONS)	1/4"	TKYK-53/A
	KOL KUMANDALI-YAY / NORMALDE KAPALI (5 YOLLU 3 KONUMLU) LEVER CONTROL-SIPRING / NORMALLY CLOSED (5 PORTS 2 POSİTİONS)	1/4"	TKYK-53/K



Model	TKY-32	TKK-32	TKP-32	TKY-52	TKK-52	TKP-52	TKSK-53/A	TKSK-53/K	TKYK-53/A	TKYK-53/K
Çalışma Ortamı **Operating Environment**	40 Mikron Filitreli Hava 40 Micron Filtered Air									
Basınç Aralığı (kgf/cm²) **Pressure Range**	2 - 8									
Çalışma sıcaklığı (°C) **Operating Temperature**	0 - 60									
Yol / Konum **Number of Positions ports**	3 / 2	3 / 2	3 / 2	5 / 2	5 / 2	5/ 2	5 / 3	5 / 3	5 / 3	5 / 3
Valf Konumu **Valve Function**	N.K* N.C*						N.A* N.O*	N.K* N.C*	N.A* N.O*	N.K* N.C*
Rakor Bağlantısı **Connection Port**	Rc - 1/4									
Yağlama **Lubrication**	Serbest Yağlama Lubrication free type									

* N.K / N.A : Normalde Kapalı / Normalde Açık

* N.C / N.O : Normally Closed / Normally Open

Sipariş Kodu / Order Codu

2	T	KYK	53	K
Ürün Grubu Product Group	Tekmak	Kumanda Şekli Operation	Yol/Konum Number of P. ports	Konumu Valve function
1-Solenoid Valf 2-Pnömatik Valf 3-Pnömatik Silindir		KY KK KP KSK KYK	32 52 53	A : AÇIK / OPEN K-KAPALI/ CLOSED

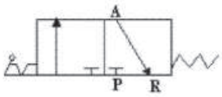
Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı / Model - Coil Voltage

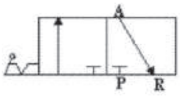
2-TKYK-53/K 220V / 2-TKYK-53/K 220V AC

32 SERİSİ / 32 SERİES

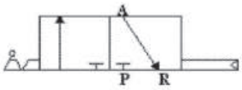
3 Yollu 2 Konumlu
3 Ports 2 Positions



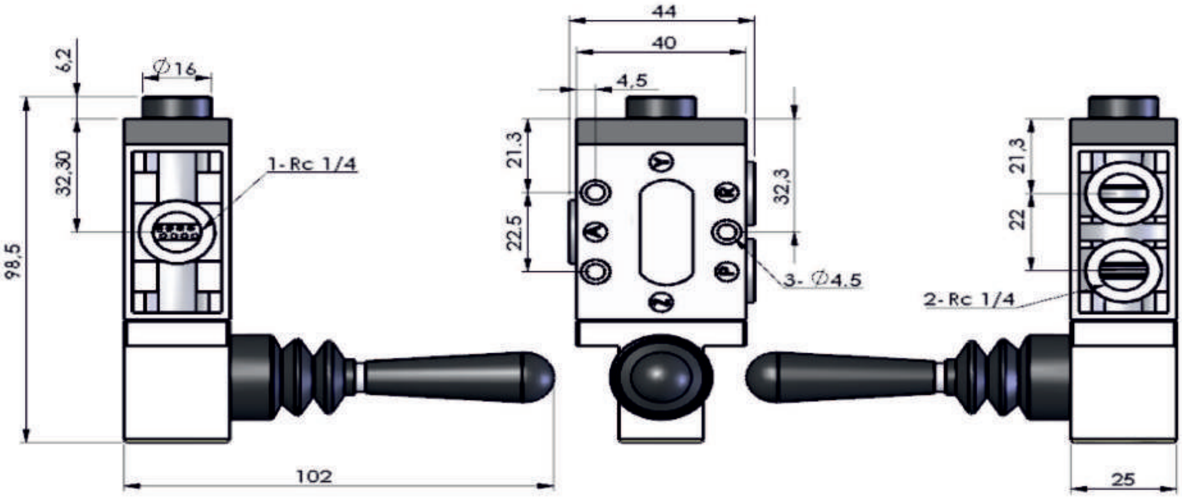
TKY-32
Normalde Kapalı
Normally closed



TKK-32
Normalde Kapalı
Normally closed

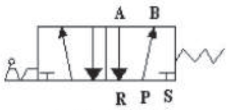


TKP-32
Normalde Kapalı
Normally closed

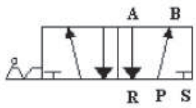


52 SERİSİ / 52 SERİES

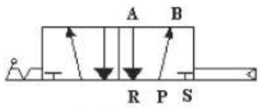
5 Yollu 2 Konumlu
5 Ports 2 Positions



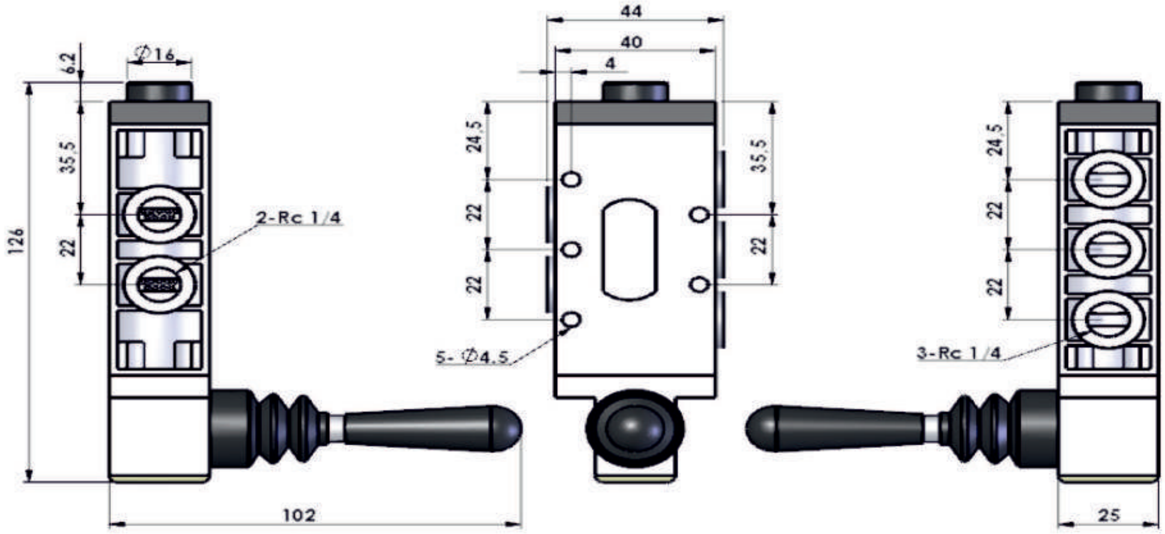
TKY-52
Normalde Kapalı
Normally closed



TKK-52
Normalde Kapalı
Normally closed

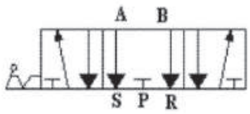


TKP-52
Normalde Kapalı
Normally closed

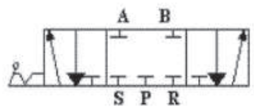


53 SERİSİ / 53 SERİES

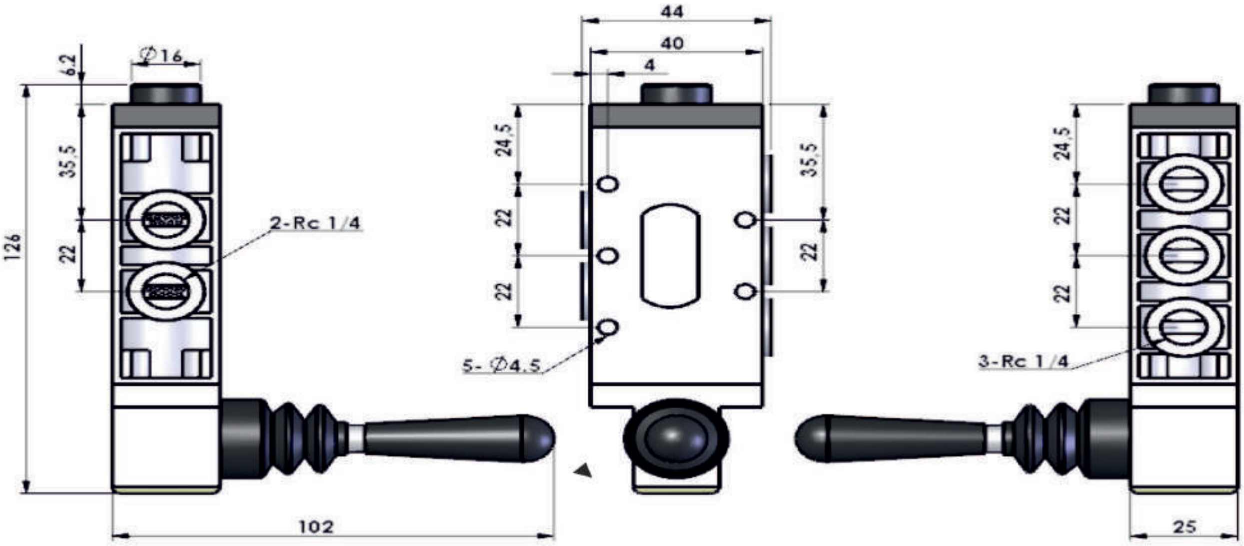
5 Yollu 3 Konumlu
5 Ports 3 Positions

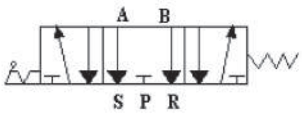


TKSK-53/A
Normalde Açık
Normally Open

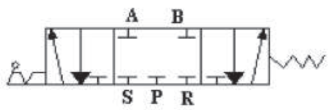


TKSK-53/K
Normalde Kapalı
Normally Closed

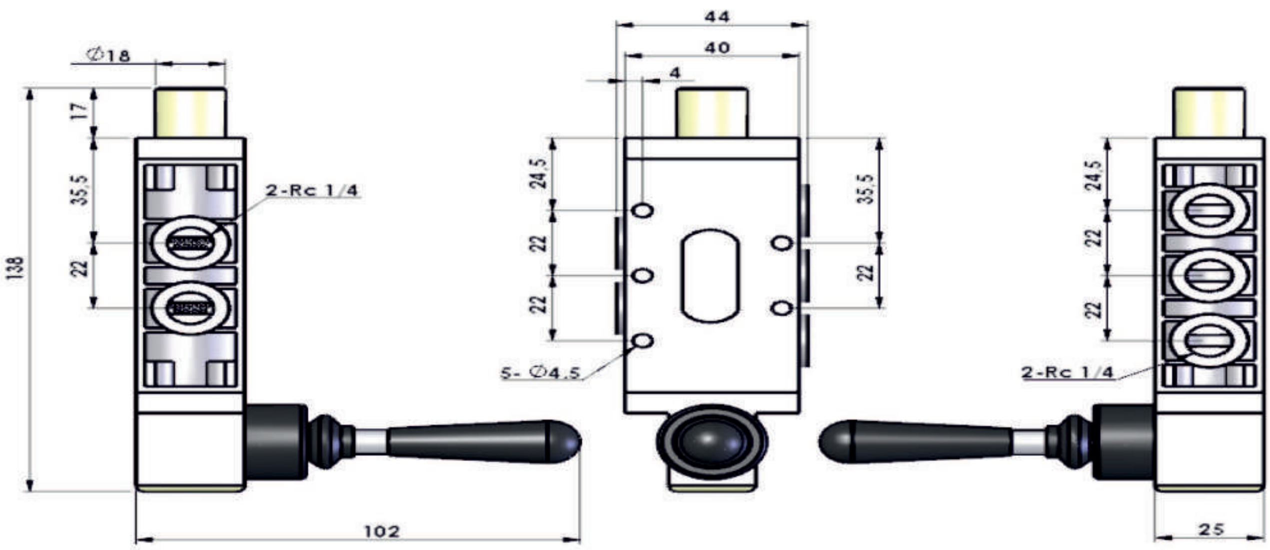




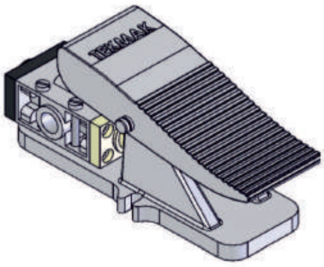
TKYK-53/A
Normalde Açık
Normally Open

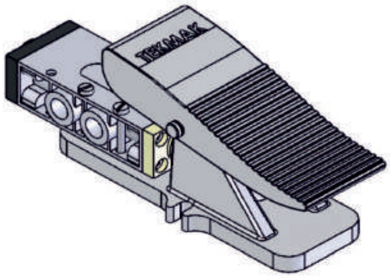


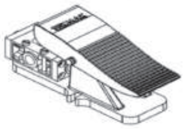
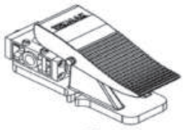
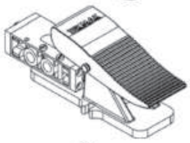
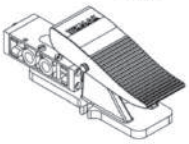
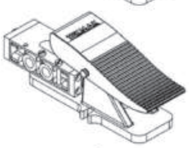
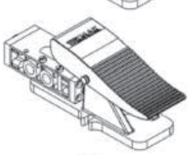
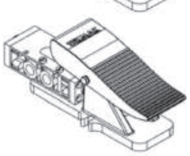
TKYK-53/K
Normalde Kapalı
Normally Closed



PEDAL KUMANDALI / FOOT CONTROL





	AYAD-YAY (3 YOLLU 2 KONUMLU) FOOT-SPRING (3 PORTS 2 POSİTİONS)	1/4"	TAY-32
	AYAK KUMANDALI (3 YOLLU 2 KONUMLU) FOOT CONTROL (3 PORTS 2 POSİTİONS)	1/4"	TAA-32
	AYAK KUMANDALI-HAVA (3 YOLLU 2 KONUMLU) FOOT CONTROL (3 PORTS 2 POSİTİONS)	1/4"	TAP-32
	AYAK-YAY (5 YOLLU 2 KONUMLU) FOOT-SPRING (5 PORTS 2 POSİTİONS)	1/4"	TAY-52
	AYAK KUMANDALI (5 YOLLU 2 KONUMLU) FOOT CONTROL (5 PORTS 2 POSİTİONS)	1/4"	TAA-52
	AYAK KUMANDALI-HAVA (5 YOLLU 2 KONUMLU) FOOT CONTROL (5 PORTS 2 POSİTİONS)	1/4"	TAP-52
	AYAK-YAY-AYAK NORMALDE AÇIK (5 YOLLU 3 KONUMLU) FOOT SPRING NORMALLY OPEN (5 PORTS 3 POSİTİONS)	1/4"	TAYA-53/A
	AYAK-YAY-AYAK NORMALDE KAPALI (5 YOLLU 3 KONUMLU) FOOT-SPRING NORMALLY CLOSED (5 PORTS 3 POSİTİONS)	1/4"	TAYA-53K

Model	TAY-32	TAA-32	TAP-32	TAY-52	TAA-52	TAP-52	TAYA-53/A	TAYA-53/K
Çalışma Ortamı Operating Environment	40 Mikron Filitreli Hava 40 Micron Filtered Air							
Basınç Aralığı (kgf/cm²) Pressure Range	2 - 8							
Çalışma sıcaklığı (°C) Operating Temperature	0 - 60							
Yol / Konum Number of Positions ports	3 / 2	3 / 2	3 / 2	5 / 2	5 / 2	5/ 2	5 / 3	5 / 3
Valf Konumu Valve Function	N.K* N.C*						N.A* N.O*	N.K* N.C*
[illegible] Connection Port	Rc - 1/4							
Yağlama Lubrication	Serbest Yağlama Lubrication free type							

* N.K / N.A : Normalde Kapalı / Normalde Açık

* N.C / N.O : Normally Closed / Normally Open

Sipariş Kodu / Order Codu				
2	**T**	**AYA**	**53**	**K**
Ürün Grubu Product Group	Tekmak	Kumanda Şekli Operation	Yol/Konum Number of P. ports	Konumu Valve function
1-Solenoid Valf 2-Pnömatik Valf 3-Pnömatik Silindir		AY AA AP AYA	32 52 53	A : AÇIK / OPEN K-KAPALI / CLOSED

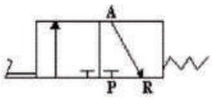
Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı / Model - Coil Voltage

2-TAYA-53/K 220V / 2-TAYA-53/K 220V AC

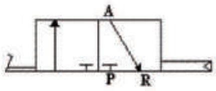
32 SERİSİ / 32 SERİES

3 Yollu 2 Konumlu
3 Ports 2 Positions

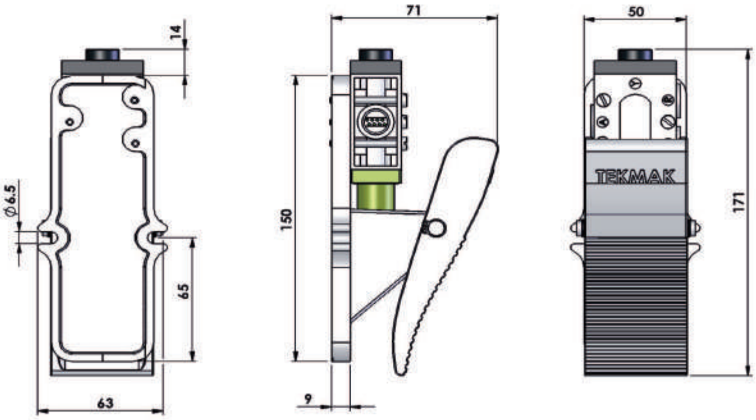


TAY-32
Normalde Kapalı
Normally Closed

TAA-32
Normalde Kapalı
Normally Closed



TAP-32
Normalde Kapalı
Normally Closed

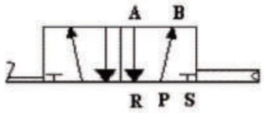


52-53 SERİSİ / 52-53 SERİES

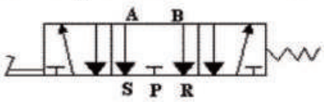
5 Yollu 2 Konumlu
5 Ports 2 Positions
5 Yollu 3 Konumlu
5 Ports 3 Positions

TAY-52
Normalde Kapalı
Normally Closed

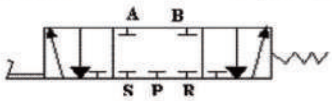
TAA-52
Normalde Kapalı
Normally Closed



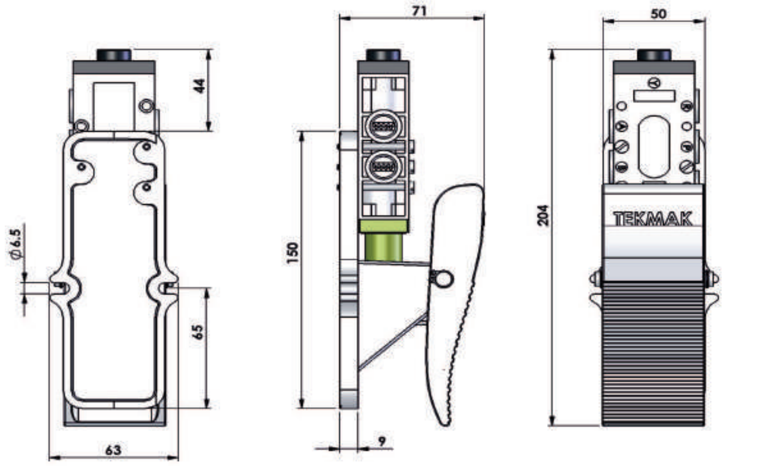
TAP-52
Normalde Kapalı
Normally Closed



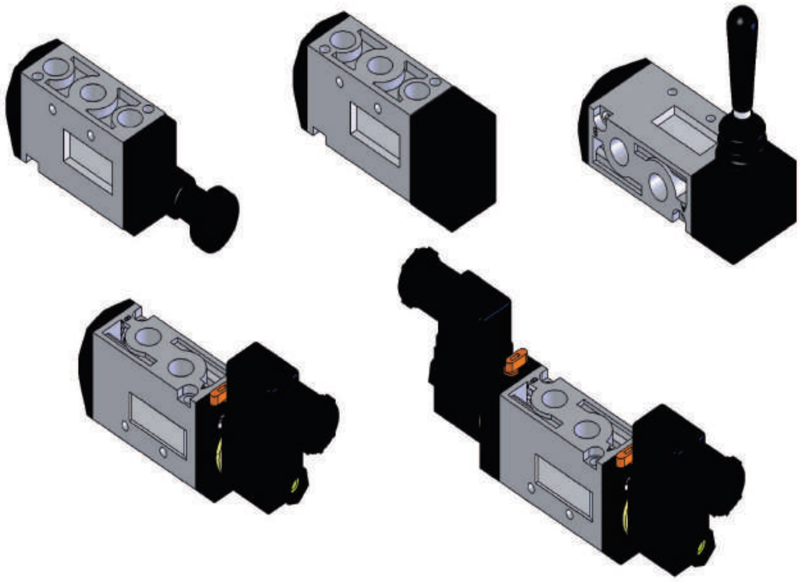
TAYA-53/A
Normalde Açık
Normally Open

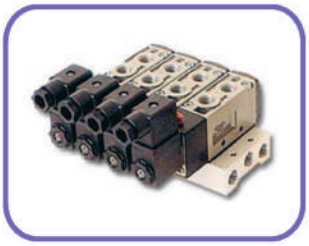


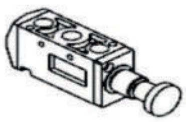
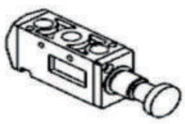
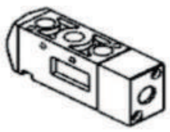
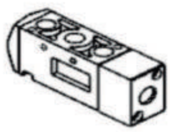
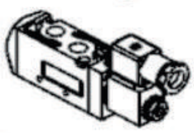
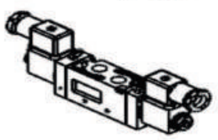
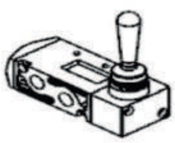
TAYA-53/K
Normalde Kapalı
Normally Closed



T SERİSİ VALF / T SERIES VALVE





	EL KUMANDALI-YAY DÖNÜŞLÜ (5 YOLLU 2 KONUMLU) MANUALLY CONTROL-SPRING RETURN (5 PORTS 2 POSİTİONS)	1/4"	TTCY-52
	EL KUMANDALI (5 YOLLU 2 KONUMLU) MANUALLY CONTROL (5 PORTS 2 POSİTİONS)	1/4"	TTCC-52
	HAVA-HAVA (5 YOLLU 2 KONUMLU) AIR - AIR (5 PORTS 2 POSİTİONS)	1/4"	TTPP-52
	HAVA-YAY (5 YOLLU 2 KONUMLU) AIR - SPRING (5 PORTS 2 POSİTİONS)	1/4"	TTPY-52
	ELEKTRİK-YAY (5 YOLLU 2 KONUMLU) ELEKTRICAL- SPRING (5 PORTS 2 POSİTİONS)	1/4"	TTESY-52
	ELEKTRİK-ELEKTRİK (5 YOLLU 2 KONUMLU) ELEKTRICAL - ELEKTRICAL (5 PORTS 2 POSİTİONS)	1/4"	TTEES-52
	KOL KUMANDALI (5 YOLLU 2 KONUMLU) ELEKTRICAL - ELEKTRICAL (5 PORTS 2 POSİTİONS)	1/4"	TTKK-52

Model	TTCY-52	TTCC-52	TTPP-52	TTPY-52	TTKK-52	TTESY-52	TTEES-52
Çalışma Ortamı Operating Environment	40 Mikron Filitreli Hava 40 Micron Filtered Air						
Basınç Aralığı (kgf/cm²) Pressure Range	2 - 8						
Çalışma sıcaklığı (°C) Operating Temperature	0 - 60						
Yol / Konum Number of Positions ports	5 / 2						
Rakor Bağlantısı Connection Port	Rc - 1/4						
Yağlama Lubrication	Serbest Yağlama Lubrication free type						
Voltaj (V) Voltage (v)						AC 220, AC 110, AC/DC 24, DC 12	
Voltaj Değişimi Voltage Range						± 10 %	
Yalıtım & Koruma sınıfı Insulation & Protection class						F sınıfı : IP 65 F class : IP 65	

Sipariş Kodu / Order Codu				
2	**T**	**TEYE**	**52**	**A**
Ürün Grubu Product Group	Tekmak	Kumanda Şekli Control Type	Yol/Konum Path / Position	Konumu Valve position
1-Solenoid Valf 2-Pnömatik Valf 3-Pnömatik Silindir		TCY TCP TPP TPY TESY / TEES	32 52 53	A : AÇIK / OPEN K-KAPALI/ CLOSED

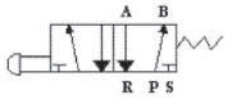
Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı / Model - Coil Voltage

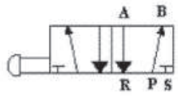
2-TTEYE-52 220V / 2-TTEYE-52 220V AC

52 SERİSİ / 52 SERİES

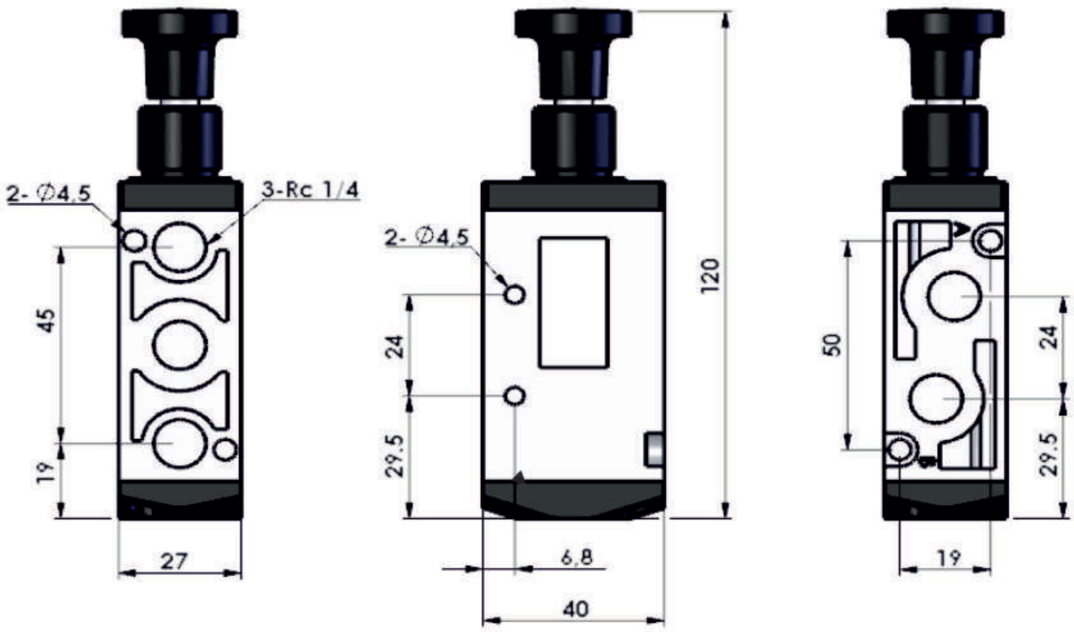
5 Yollu 2 Konumlu
5 Ports 2 Positions

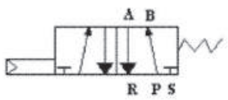


TTCY-52



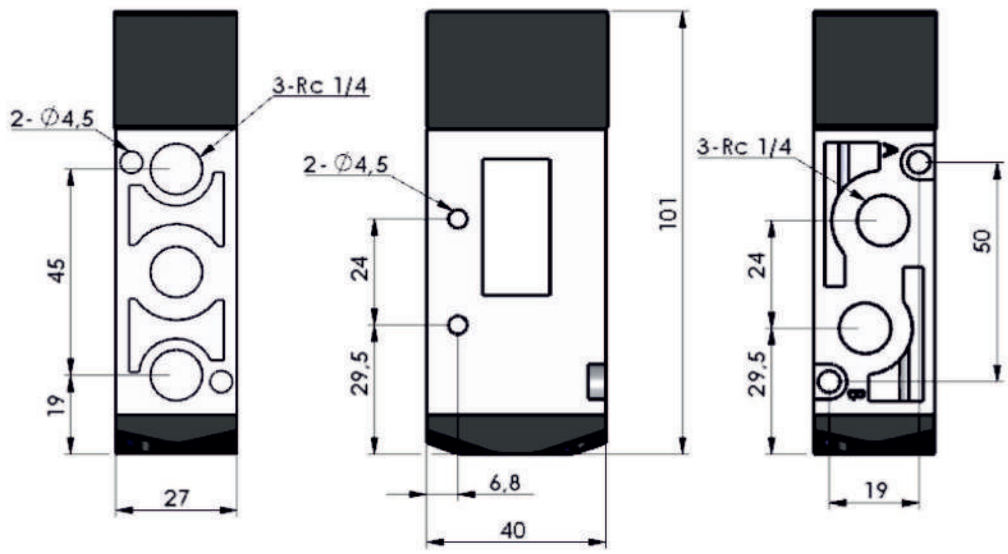
TTCC-52





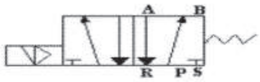
TTPY-52

TTPP-52



52 SERİSİ / 52 SERİES

5 Yollu 2 Konumlu
5 Ports 2 Positions



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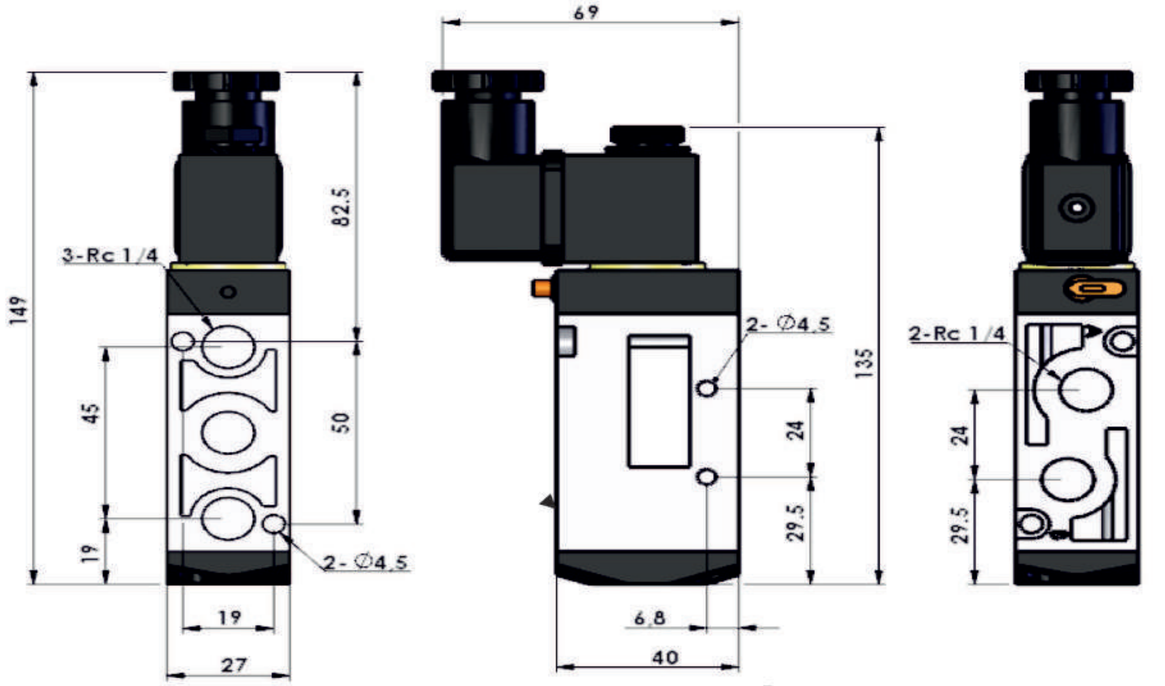

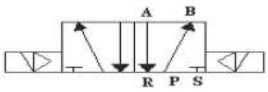

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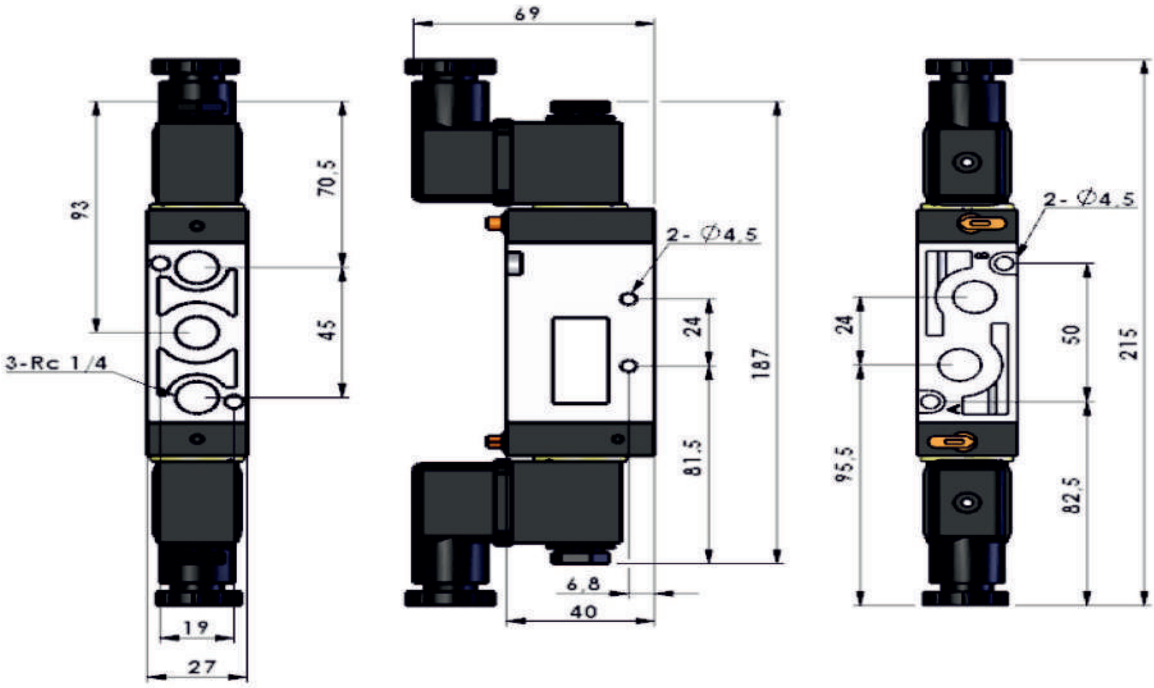
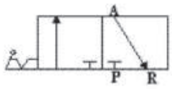
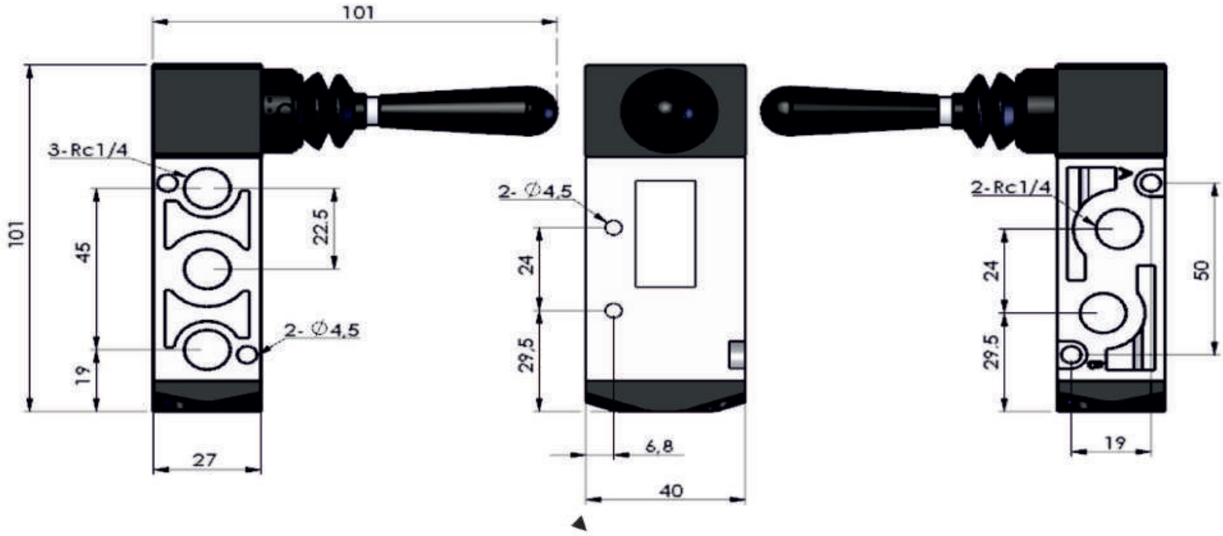


52 SERİSİ / 52 SERİES

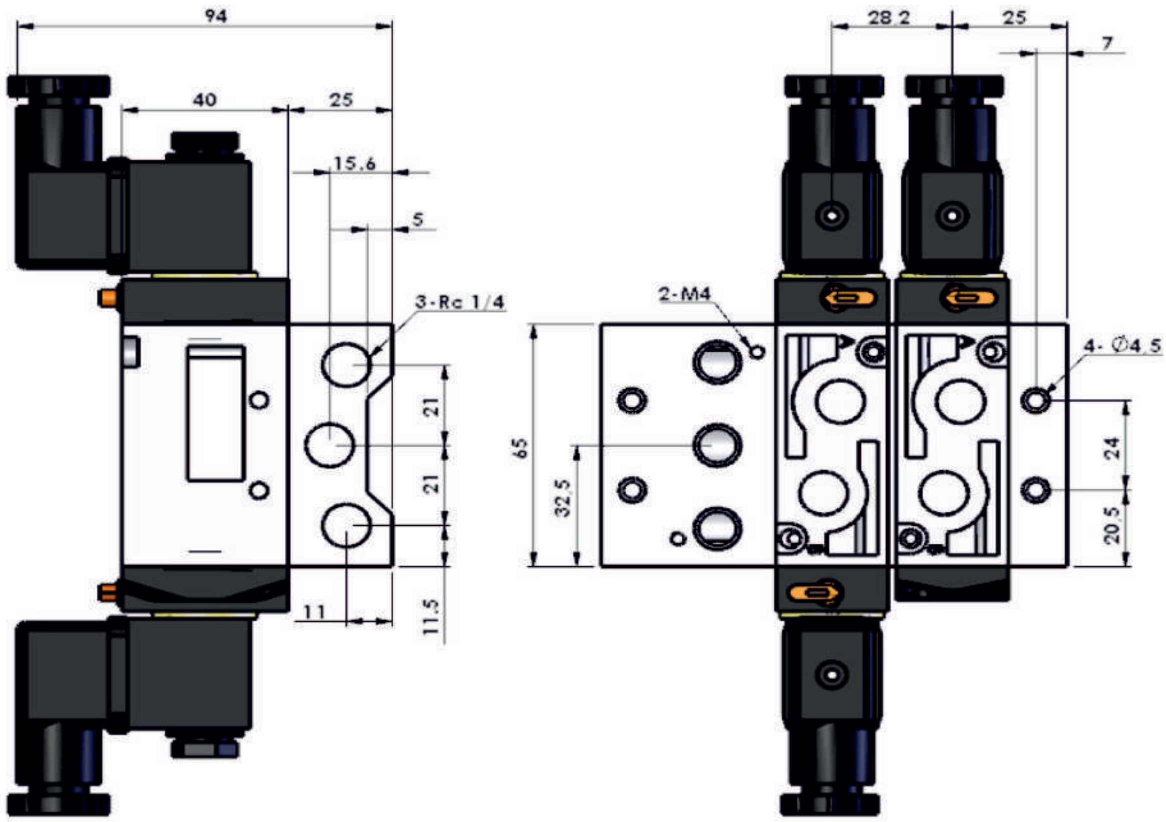
5 Yollu 2 Konumlu
5 Ports 2 Positions



TTKK-52



1/4" PLEYT



GENEL MAKSAT SELENOİD VALFLER / GENERALLY SOLENOID VALVES

Teknik Özellikler / Technical Specification	
Gövde / Body	Pirinç (Ms58) / Brass (Ms 58)
Çekirdek ve Yayı / Pintle and Spring	Paslanmaz Çelik / Stainless steel
Diyafram / Diaphragm	Nitril
Kovan / Hive	Pirinç (Ms58) / Brass (Ms58)
Bağlantı / Port	R Dişli (DIN 2999, ISO R7) R Port (DIN 2999, ISO R7)
Akışkan Sıcaklığı / Flow Temperature	Nitril (-20/+80ºC)
Ortam Sıcaklığı / Environment Temperature	20/+40ºC
Bobın Gücü / Coil Power	10-14 Watt
Soket Koruma Sınıfı / Socket Protection Class	IP 65
Bobin Gerilimi - Yuvarlak // **Kare** Coil Voltage - Circle // **Square**	24, 220 V AC/DC // **12, 24, 110, 220 V AC/DC**
Gerilim Toleransı / Voltage Tolerans	±%10V AC/DC
Kullanıldığı Yerler / Areas of Application	Su, Hava, Asal gazlar, Hafif Yağlar v.b. Water, Air, Asal gas, Light oil etc.

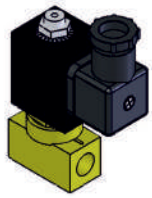
Sipariş Kodu / Order Codu

1	T	SG	K	1	H2
Ürün Grubu Product Group	Tekmak	Ürün Tipi Product Type	Pozisyon Position	Rakor Ports	Orifis Çapı Orifice dia. (mm)
1) Selenoid valf / Solenoid Valve 2) Pnömatik Valf / Pneumatic Valve 3) Pnömatik Silindir / Pneumatic Cylinder		SG - Genel Maksat / Generally SB - Buhar / Steam SV - Vakum / Vacuum SF - Yakıt / Fuel-oil	A : AÇIK / OPEN K : KAPALI / CLOSED	01 : 1/8" 02 : 1/4" 03 : 3/8" 04 : 1/2" 05 : 3/4" 06 : 1" 07 : 1 1/4" 08 : 1 1/2" 09 : 2"	H2 : 1.2 H5 : 1.5 H6 : 2.5 L4 : 4 L5 : 5 L6 : 13 L8 : 25 L9 : 35 L10 : 40 L11 : 50

Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı - Bobin Tipi / Model - Coil Voltage - Coil Type

1-TSG-K-01-H2 220V AC YUVARLAK BOBIN / 1-TSG-K-01-H2 220V AC round Coil



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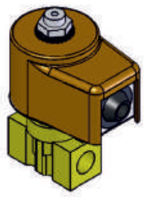

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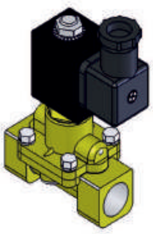

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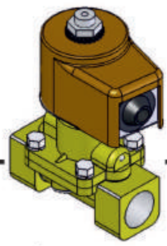

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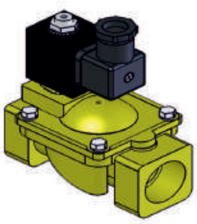
MODEL	BOBİN COİL	RAKOR PORT	ORİFİS ORIFICE (mm)	BASINÇ PRESSURE (bar)	CONTA SEAL	ŞEKİL FIGURE	AÇIKLAMA DESCRIPTION
TSG-K-01-H2	YUVARLAK/ KARE BOBİN (CİRCLE / SQUARE COIL)	1/8"	1.2	1,5 - 35	NİTRİL	1 veya 2 (1 or 2)	DIREK ÇEKİRDEKLİ (DIRECT OERATED)
TSG-A-01-H2							
TSG-K-01-H5			1.5	1,5 - 20			
TSG-A-01-H5							
TSG-K-01-H6			2.5	1,5-9			
TSG-A-01-H6							
TSG-K-01-L4			4	1,5-7			
TSG-A-01-L4							
TSG-K-01-L5			5	1,5-5			
TSG-A-01-L5							
TSG-K-02-H2		1/4"	1.2	1,5-35			
TSG-A-02-H2							
TSG-K-02-H5			1.5	1,5-20			
TSG-A-02-H5							
TSG-K-02-H6			2.5	1,5-9			
TSG-A-02-H6							
TSG-K-02-L4			4	1,5-7			
TSG-A-02-L4							
TSG-K-02-L5			5	1,5-5			
TSG-A-02-L5							
TSG-K-03-L6		3/8"	13	1,5-8		3 veya 4 (3 or 4)	DİYAFRAMLI TİP (DIRECT DIAPHRAGMOPERATED)
TSG-A-03-L6							
TSG-K-04-L6		1/2"					
TSG-A-04-L6							
TSG-K-05-L8		3/4"	25			5 veya 6 (5 or 6)	
TSG-A-05-L8							
TSG-K-06-L8		1"	25				
TSG-A-06-L8							
TSG-K-07-L9		1 1/4"	35				
TSG-A-07-L9							
TSG-K-08-L10		1 1/2"	40				
TSG-A-08-L10							
TSG-K-09-L11		2"	50				
TSG-A-09-L11							



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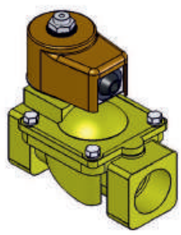


6

BUHAR SELENOİD VALFLER / STEAM SOLENOID VALVES

Teknik Özellikler / Technical Specification	
Gövde / Body	Pirinç (Ms58) / Brass (Ms 58)
Çekirdek ve Yayı / Pintle and Spring	Paslanmaz Çelik / Stainless steel
Diyafram / Diaphragm	
Kovan / Hive	Pirinç (Ms58) / Brass (Ms58)
Bağlantı / Port	R Dişli (DIN 2999, ISO R7) R Port (DIN 2999, ISO R7)
Akışkan Sıcaklığı / Flow Temperature	PİFE (-20/+130ºC)
Ortam Sıcaklığı / Environment Temperature	20/+40ºC
Bobın Gücü / Coil Power	10-14 Watt
Soket Koruma Sınıfı / Socket Protection Class	IP 65
Bobin Gerilimi - Yuvarlak // **Kare** Coil Voltage - Circle // **Square**	24, 220 V AC/DC // **12, 24, 110, 220 V AC/DC**
Gerilim Toleransı / Voltage Tolerans	±%10V AC/DC
Kullanıldığı Yerler / Areas of Application	Sıcak Su, Buhar, Sıcak Yağlar v.b. Hot Water, Steam , Hot oil. etc.

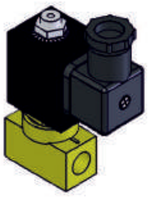
Sipariş Kodu / Order Codu

1	T	SB	K	1	H6
Ürün Grubu Product Group	Tekmak	Ürün Tipi Product Type	Pozisyon Position	Rakor Ports	Orifis Çapı Orifice dia. (mm)
1) Selenoid valf / Solenoid Valve 2) Pnömatik Valf / Pneumatic Valve 3) Pnömatik Silindir / Pneumatic Cylinder		SG - Genel Maksat / Generally SB - Buhar / Steam SV - Vakum / Vacuum SF - Yakıt / Fuel-oil	A : AÇIK / OPEN K : KAPALI / CLOSED	01 : 1/8" 02 : 1/4" 03 : 3/8" 04 : 1/2" 05 : 3/4" 06 : 1" 07 : 1 1/4" 08 : 1 1/2" 09 : 2"	H6 : 2.5 L6 : 13 L9 : 35 L10 : 40 L11 : 50

Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı - Bobin Tipi / Model - Coil Voltage - Coil Type

1-TSB-K-01-H6 220V AC YUVARLAK BOBIN / 1-TSB-K-01-H6 220V AC round Coil



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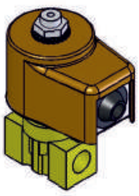
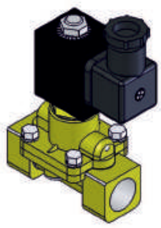


2

MODEL	BOBİN COİL	RAKOR PORT	ORİFİS ORIFICE (mm)	BASINÇ PRESSURE (bar)	CONTA SEAL	ŞEKİL FIGURE	AÇIKLAMA DESCRIPTION
TSB-K-01-H6	YUVARLAK/ KARE BOBİN (CİRCLE / SQUARE COİL)	1/8"	2.5	1,5-7		1 veya 2 (1 or 2)	DIREK ÇEKİRDEKLİ (DIRECT OERATED)
TSB-A-01-H6							
TSB-K-02-H6		1/4"					
TSB-A-02-H6							
TSB-K-03-L6		3/8"	13		TEFLON	3 veya 4 (3 or 4)	DİYAFRAMLI TİP (DIRECT DIAPHRAGMOPERATED)
TSB-A-03-L6							
TSB-A-3-L6-BR						7	
TSB-K-04-L6		1/2"				3 veya 4 (3 or 4)	
TSB-A-04-L6							
TSB-A-04-L6-BR						7	
TSB-K-05-L8		3/4"	25			5 veya 6 (5 or 6)	
TSB-A-05-L8							
TSB-A-05-L8-BR							
TSB-K-06-L8		1"					
TSB-A-06-L8							
TSB-A-06-L8-BR						7	
TSB-K-07-L9		1 1/4"	35			5 veya 6 (5 or 6)	
TSB-A-07-L9							
TSB-A-07-L9-BR						7	
TSB-K-08-L10		1 1/2"	40			5 veya 6 (5 or 6)	
TSB-A-08-L10							
TSB-A-08-L10-BR						7	
TSB-K-09-L11		2"	50			5 veya 6 (5 or 6)	
TSB-A-09-L11							
TSB-A-09-L11-BR						7	



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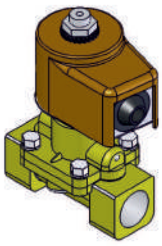

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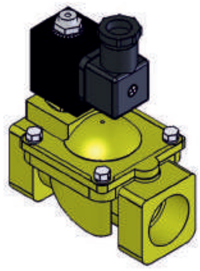

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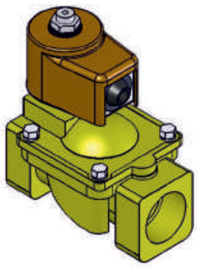

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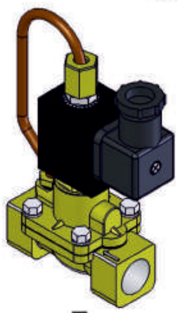


7

VAKUM SELENOİD VALFLER / VACUM SOLENOİD VALVES

Teknik Özellikler / Technical Specification	
Gövde / Body	Pirinç (Ms58) / Brass (Ms 58)
Çekirdek ve Yayı / Pintle and Spring	Paslanmaz Çelik / Stainless steel
Diyafram / Diaphragm	Viton
Kovan / Hive	Pirinç (Ms58) / Brass (Ms58)
Bağlantı / Port	R Dişli (DIN 2999, ISO R7) R Port (DIN 2999, ISO R7)
Akışkan Sıcaklığı / Flow Temperature	Vİton (-10/+160ºC)
Ortam Sıcaklığı / Environment Temperature	20/+40ºC
Bobın Gücü / Coil Power	10-14 Watt
Soket Koruma Sınıfı / Socket Protection Class	IP 65
Bobin Gerilimi - Yuvarlak // **Kare** Coil Voltage - Circle // **Square**	24, 220 V AC/DC // **12, 24, 110, 220 V AC/DC**
Gerilim Toleransı / Voltage Tolerans	±%10V AC/DC
Kullanıldığı Yerler / Areas of Application	Su, Hava, Asal gazlar, Hafif Yağlar v.b. Water, Air, Asal gas, Light oil etc.

Sipariş Kodu / Order Codu

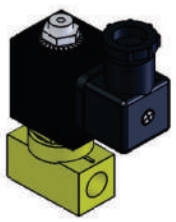
1	T	SV	K	1	H6
Ürün Grubu Product Group	Tekmak	Ürün Tipi Product Type	Pozisyon Position	Rakor Ports	Orifis Çapı Orifice dia. (mm)
1) Selenoid valf / Solenoid Valve 2) Pnömatik Valf / Pneumatic Valve 3) Pnömatik Silindir / Pneumatic Cylinder		SG - Genel Maksat / Generally SB - Buhar / Steam SV - Vakum / Vacuum SF - Yakıt / Fuel-oil	A : AÇIK / OPEN K : KAPALI / CLOSED	01 : 1/8" 02 : 1/4" 03 : 3/8" 04 : 1/2" 05 : 3/4" 06 : 1" 07 : 1 1/4" 08 : 1 1/2" 09 : 2"	H6 : 2.5 L6 : 13 L9 : 35 L10 : 40 L11 : 50

Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı - Bobin Tipi / Model - Coil Voltage - Coil Type

1-TSV-K-01-H6 220V AC YUVARLAK BOBIN / 1-TSV-K-01-H6 220V AC round Coil

MODEL	BOBİN COİL	RAKOR PORT	ORİFİS ORIFICE (mm)	BASINÇ PRESSURE (bar)	CONTA SEAL	ŞEKİL FIGURE	AÇIKLAMA DESCRIPTION
TSV-K-01-H6	YUVARLAK/ KARE BOBİN (CİRCLE / SQUARE COIL)	1/8"	2.5	1,5-6		1 veya 2 (1 or 2)	DIREK ÇEKİRDEKLİ (DIRECT OERATED)
TSV-A-01-H6							
TSV-K-02-H6		1/4"					
TSV-A-02-H6							
TSV-K-03-L6		3/8"	13		TEFLON	3 veya 4 (3 or 4)	DİYAFRAMLI TİP (DIRECT DIAPHRAGMOPERATED)
TSV-A-03-L6							
TSV-K-04-L6		1/2"					
TSV-A-04-L6							
TSV-K-05-L8		3/4"	25			5 veya 6 (5 or 6)	
TSV-A-05-L8							
TSV-K-06-L8		1"					
TSV-A-06-L8							
TSV-K-07-L9		1 1/4"	35				
TSV-A-07-L9							
TSV-K-08-L10		1 1/2"	40				
TSV-A-08-L10							
TSV-K-09-L11		2"	50				
TSV-A-09-L11							



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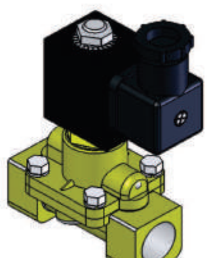

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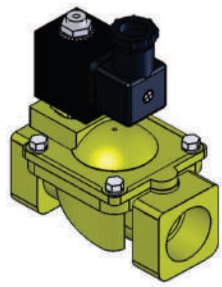

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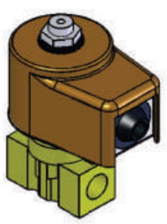

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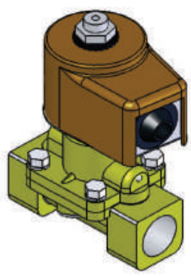

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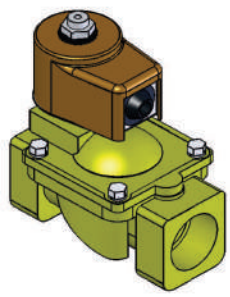


6

YAKIT SELENOİD VALFLER / FUEL OİL SOLENOİD VALVES

Teknik Özellikler / Technical Specification	
Gövde / Body	Pirinç (Ms58) / Brass (Ms 58)
Çekirdek ve Yayı / Pintle and Spring	Paslanmaz Çelik / Stainless steel
Diyafram / Diaphragm	Viton
Kovan / Hive	Pirinç (Ms58) / Brass (Ms58)
Bağlantı / Port	R Dişli (DIN 2999, ISO R7) R Port (DIN 2999, ISO R7)
Akışkan Sıcaklığı / Flow Temperature	Vİton (-10/+160ºC)
Ortam Sıcaklığı / Environment Temperature	20/+40ºC
Bobın Gücü / Coil Power	10-14 Watt
Soket Koruma Sınıfı / Socket Protection Class	IP 65
Bobin Gerilimi - Yuvarlak // **Kare** Coil Voltage - Circle // **Square**	24, 220 V AC/DC // **12, 24, 110, 220 V AC/DC**
Gerilim Toleransı / Voltage Tolerans	±%10V AC/DC
Kullanıldığı Yerler / Areas of Application	Yakıt, Mazot,Yağ, Sıcak Hava v.b. Fuel Oil, Air, Asal gas, Light oil etc.

Sipariş Kodu / Order Codu

1	T	SF	K	1	H6
Ürün Grubu Product Group	Tekmak	Ürün Tipi Product Type	Pozisyon Position	Rakor Ports	Orifis Çapı Orifice dia. (mm)
1) Selenoid valf / Solenoid Valve 2) Pnömatik Valf / Pneumatic Valve 3) Pnömatik Silindir / Pneumatic Cylinder		SG - Genel Maksat / Generally SB - Buhar / Steam SV - Vakum / Vacuum SF - Yakıt / Fuel-oil	A : AÇIK / OPEN K : KAPALI / CLOSED	01 : 1/8" 02 : 1/4" 03 : 3/8" 04 : 1/2" 05 : 3/4" 06 : 1" 07 : 1 1/4" 08 : 1 1/2" 09 : 2"	H6 : 2.5

Sipariş nasıl verilir ? / How to Order ?

Model - Bobin Voltajı - Bobin Tipi / Model - Coil Voltage - Coil Type

1-TSF-K-01-H6 220V AC YUVARLAK BOBIN / 1-TSF-K-01-H6 220V AC round Coil

1

MODEL	BOBİN COİL	RAKOR PORT	ORİFİS ORIFICE (mm)	CONTA SEAL	ŞEKİL FIGURE	AÇIKLAMA DESCRIPTION
TSF-K-01-H6	YUVARLAK/ KARE BOBİN (CİRCLE / SQUARE COIL)	1/8"	2.5		1 veya 2 (1 or 2)	DIREK ÇEKİRDEKLİ (DIRECT OERATED)
TSF-A-01-H6						
TSF-K-02-H6		1/4"				
TSF-A-02-H6						

ÜÇ YOLLU VALFLER

2

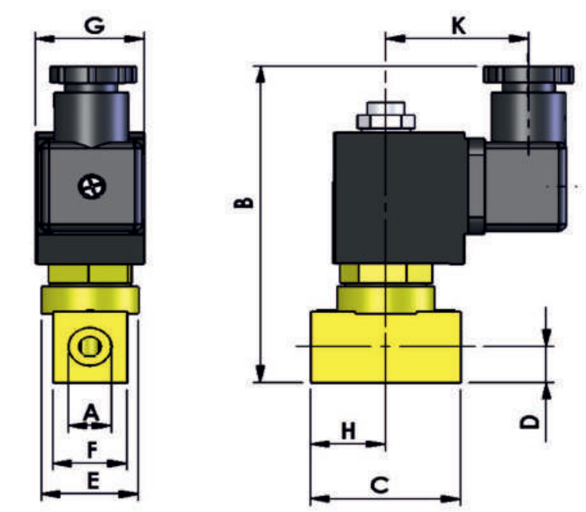
MODEL	MODEL	POZİSYON	KONUM	
			Enerji Yokken	Enerji Verildiğinde
53K-014	1/4"	Üç yollu normalde kapalı		
53A-014		Üç yollu normalde açık		
53T-014		Üç yollu tahliyeli		

ELEKTRİKLİ DAMPER VALFLERİ

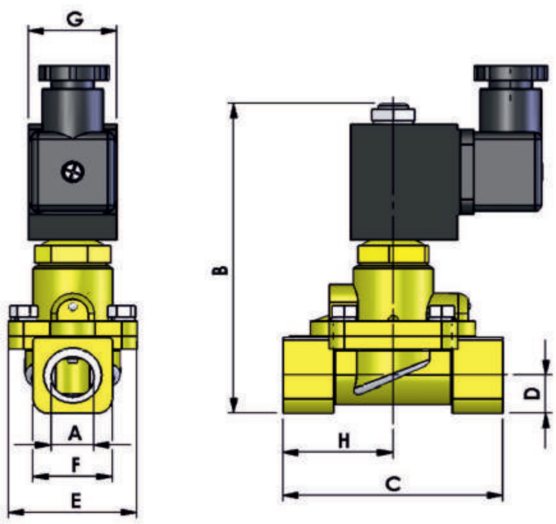
MODEL	MODEL	KULLANMA ŞEKLİ	GİRİŞ ÖLÇÜSÜ (PORT SIZE)	BASINÇ PRESSURE (bar)
TD1 1/4	TDA 1	DİREK ÇEKİRDEK (DIRECT OPERATED)	1/4"	0-8
TD2 1/4	TDA 2			
TD3 1/4	TDA 3			
TD4 1/4	TDA 4			

MANDALLI DAMPER VALFLER

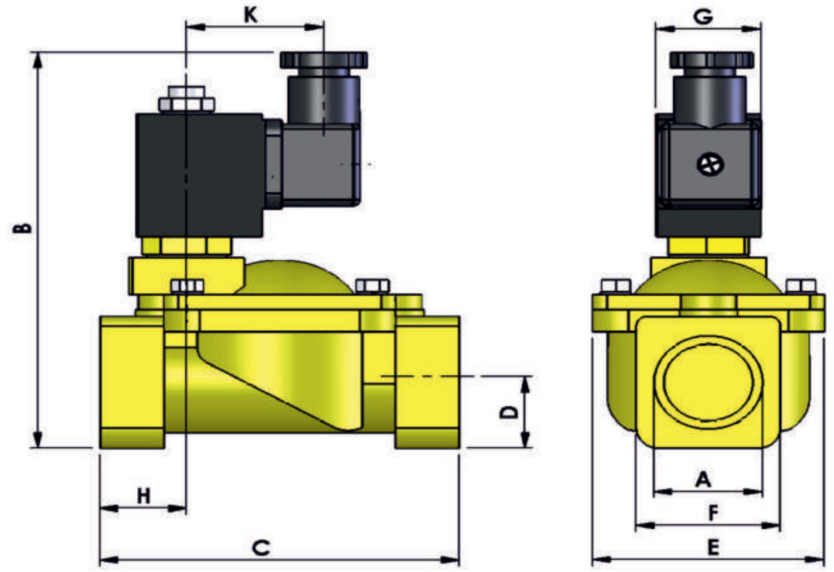
MODEL	KULLANMA ŞEKLİ	GİRİŞ ÖLÇÜSÜ (PORT SIZE)	BASINÇ PRESSURE (bar)
DM2	ELLE KONTROL (MANUEL CONTROL)	1/4"	0-8
DM3			



ŞEKİL1

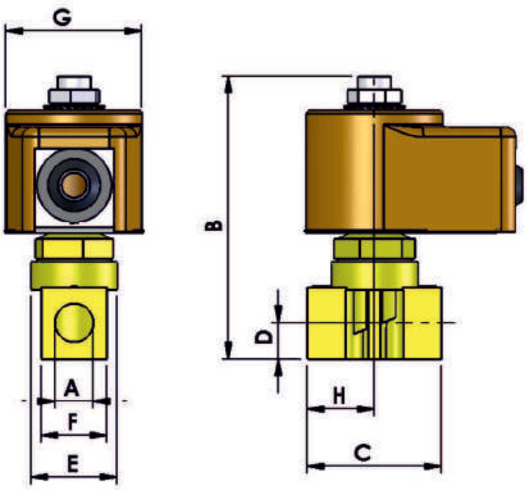


ŞEKİL 3

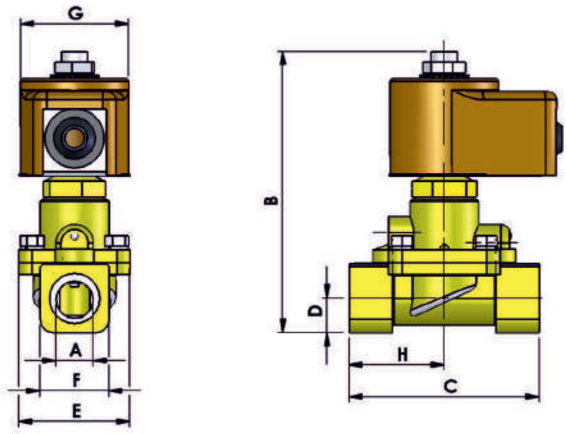


ŞEKİL 5

A	B	C	D	E	F	G	K	H	ŞEKİL
R1/8"	95	40	11	Ø26	22	30	40	20	1
1/4"	95	40	11	Ø26	22	30	40	20	1
3/8"	120	73	13	42	26	30	40	36.5	3
1/2"	120	73	13	42	26	30	40	36.5	3
3/4"	125	102	20	65	40	30	40	24	5
1"	125	102	20	65	40	30	40	24	5
1 1/4"	155	145	30	101	55	30	40	22	5
1 1/2"	155	145	30	101	55	30	40	22	5
2"	170	175	35	117	70	30	40	28	5



ŞEKİL2



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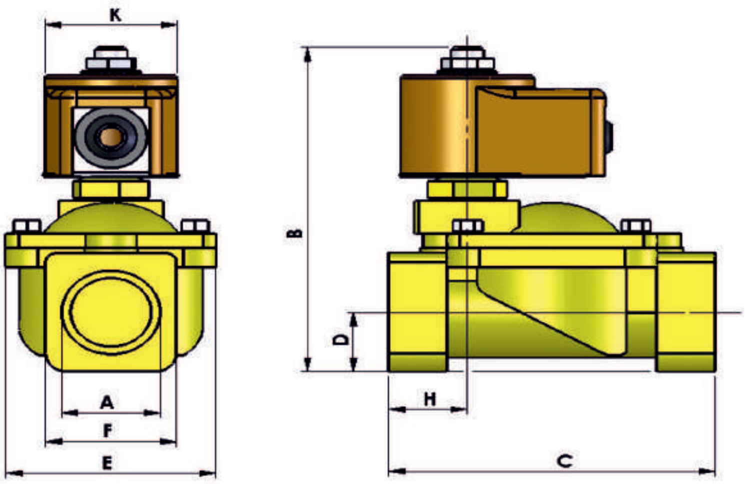


ŞEKİL 6

A	B	C	D	E	F	G	K	H	ŞEKİL
R1/8"	84	40	11	Ø26	22	30	Ø41	20	2
1/4"	84	40	11	Ø26	22	30	Ø41	20	2
3/8"	105	73	13	42	26	30	Ø41	36.5	4
1/2"	105	73	13	42	26	30	Ø41	36.5	4
3/4"	120	102	20	65	40	30	Ø41	24	6
1"	120	102	20	65	40	30	Ø41	24	6
1 1/4"	125	145	30	101	55	30	Ø41	22	6
1 1/2"	125	145	30	101	55	30	Ø41	22	6
2"	140	175	35	117	70	30	Ø41	28	6

HİDROLİK GRUBU (HYDRAULIC GROUP)

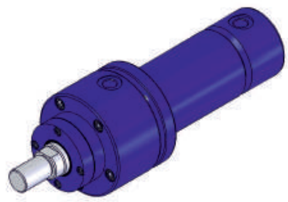
www.tekmak@tekmakvalf.com.tr

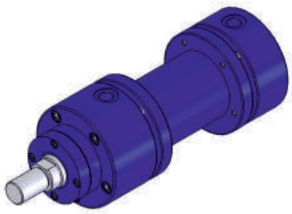
HİDROLİK GRUBU (HYDRAULIC GROUP)

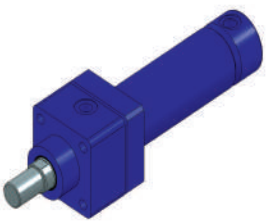
HİDROLİK GÜÇ ÜNİTESİ
Hydraulic Power Unit

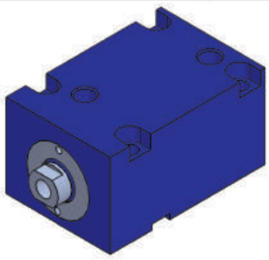
Hidrolik Güç Üniteleri Basınç ve Çalışma Koşullarına Göre Üretilir.

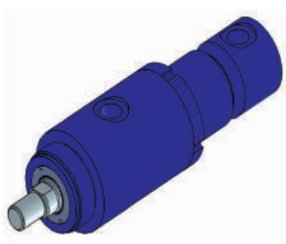
According to Pressure Operation Condition Hydraulic Power Unit production is done





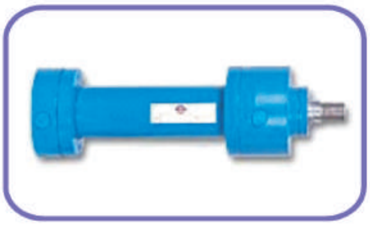


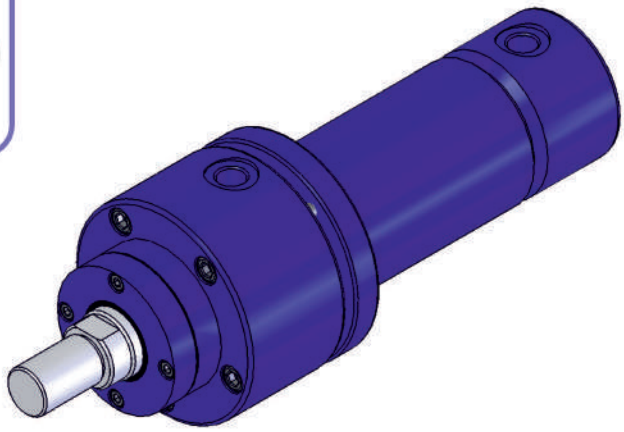




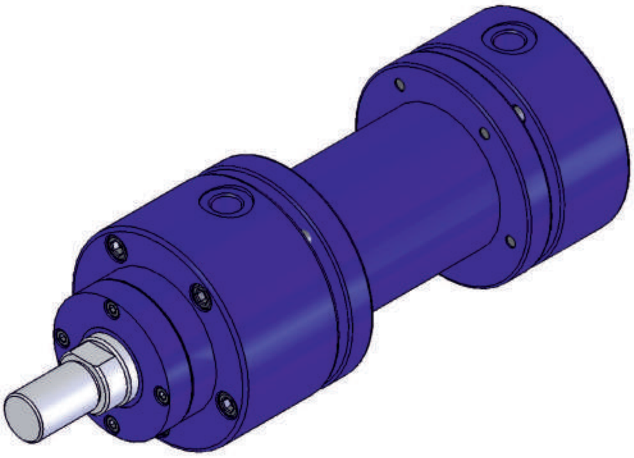
HİDROLİK SİLİNDİR GRUBU

Hydraulic Cylinder Group





TEKMAK CETOP HİDROLİK SİLİNDİR
TEKMAK CETOP HYDRAULIC CYLINDER **Ø40------Ø200 (THS)**



TEKMAK CETOP HİDROLİK SİLİNDİR **Ø40------Ø200 (TCHS)**
TEKMAK CETOP HYDRAULIC CYLINDER

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Clinder Diameter Stroke

THS 063 160

THS - 063 - 160 - EB

- Yardımcı ekipman / Auxiliary equipment
- Strok / Stroke
- Silindir çapı / Cylinder diameter
- Model / Model

HİDROLİK SİLİNDİR GRUBU

TEKNİK ÖZELLİKLER

Çalışma Ortamı : Hidrolik yağ

Çalışma sıcaklığı : -20 / +80ºC

Çalışma basıncı max. : 160 Bar

Strok hatası : ±0.3 mm

Hareket tip : Çift etkili

Mil : CK-45 sert krom kaplı

Boru : ST-52 honlanmış

Sızdırmazlık : Poliüraten+NBR

TECNICAL PROPERTIES

Operating enviroment : Hydraulic oil

Operating temperature : -20 / +80ºC

Operating pressure max. : 160 Bar

Stroke error : ±0.3 mm

Action type : Double action

Rod : CK-45 strong chorome covering

Pipe : ST-52

Seals (Leak-proof) : Polyurethane+ NBR

İSTEĞE BAĞLI ÖZELLİKLER

Aşırı sıcak ortamalar için özel

Tek etkili (yay dönüşlü)

Mil ölçüsü değişebilir

CHANGEABLE PROPERTIES

Special cylinder for extremly hot environment

Single acting (Spring returned) cylinder

Chanceable rod dimensions

İTME KUVVETİ (daN)								
Ø	20 bar	40 bar	60 bar	80 bar	100 bar	120 bar	140 bar	160 bar
40	251	502	753	1004	1256	1507	1758	2009
50	392	785	1177	1570	1962	2355	2747	3140
63	623	1248	1859	2492	3115	3738	4361	4985
80	1004	2009	3014	4019	5024	6028	7033	8038
100	1570	3140	4710	6280	7850	9420	10990	12560
125	2453	4906	7359	9812	12265	14718	17171	19625
160	4019	8038	12057	16076	20096	24115	28134	32153
200	6280	12564	18840	25120	31400	37680	43960	50240

SİLİNDİR MODELLERİ

THS : Hidrolik silindir

TCHS : Cetop hidrolik silindir

TÖHS : Özel hidrolik silindir

CYLINDER MODELS

THS : Hydraulic cylinder

TCHS : Cetop hydraulic cylinder

TÖHS : Special hydraulic cylinder

STANDART BORU ÇAPLARI

Ø40 Ø63 Ø100 Ø160
Ø50 Ø80 Ø125 Ø200

STANDARD PIPE DIAMETER

Ø40 Ø63 Ø100 Ø160
Ø50 Ø80 Ø125 Ø200

STANDART STROKLAR

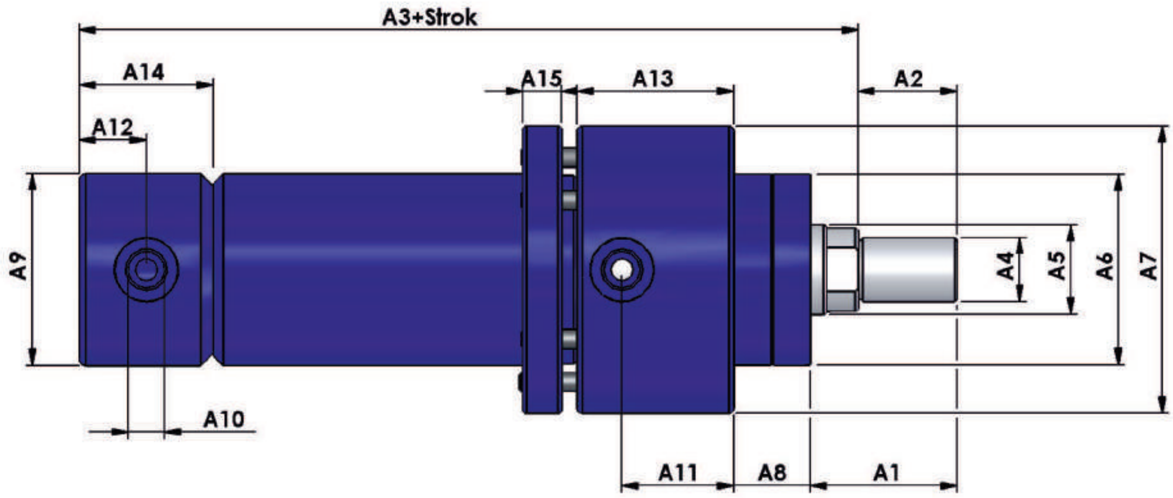
50 100 160 200 250

STANDARD STROKES

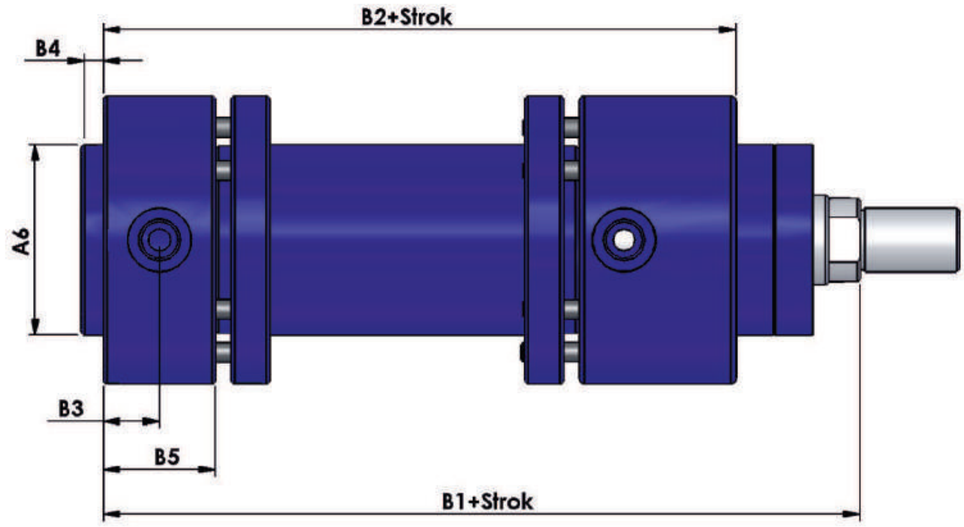
50 100 160 200 250

HİDROLİK SİLİNDİR GRUBU

HİDROLİK SİLİNDİR / HYDRAULIC CYLINDER



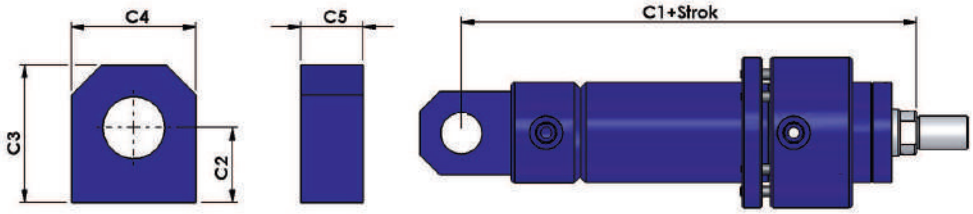
CETOP TİPİ HİDROLİK SİLİNDİR / CETOP TYPE HYDRAULIC CYLINDER



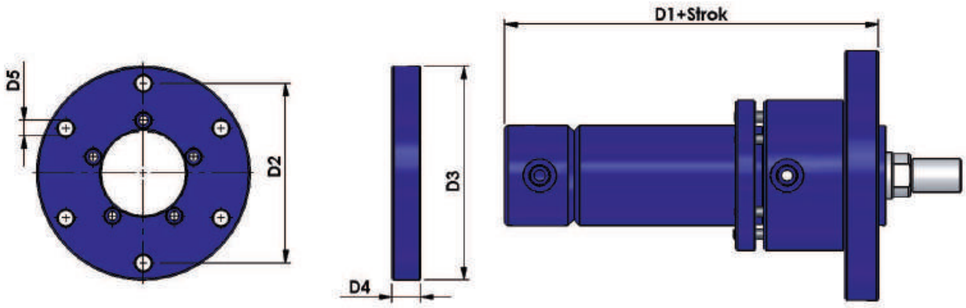
ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	B1	B2	B3	B4	B5
40	35	22	160	M16X1,5	22	50	80	20	50	1/4	31	15	42	30	12	155	122	11,5	7	23
50	46	31	194	M20X1,5	28	60	95	24	60	1/4	35	21	49	42	12	187	148	17,5	7	35
63	55	39	208	M27X2	36	70	125	24	75	3/8	41	22,5	59	45	15	201	161	19	7	38
80	65	47	235	M33X2	45	85	130	30	95	3/8	41	29	68	51	18	228	180	22	7	44
100	80	60	244	M42X2	56	109	160	30	115	1/2	47	26,5	73	53	20	237	187	23	7	46
125	90	67	279	M48X2	70	130	195	37	145	1/2	48	30	83	60	25	272	212	26,5	7	53
160	110	85	310	M64X2	90	160	235	40	180	3/4	60	33,5	90	67	28	303	238	30	7	60
200	115	95	350	M80X3	110	200	295	45	230	3/4	80	37,5	110	75	33	343	278	34	7	68

HİDROLİK SİLİNDİR GRUBU

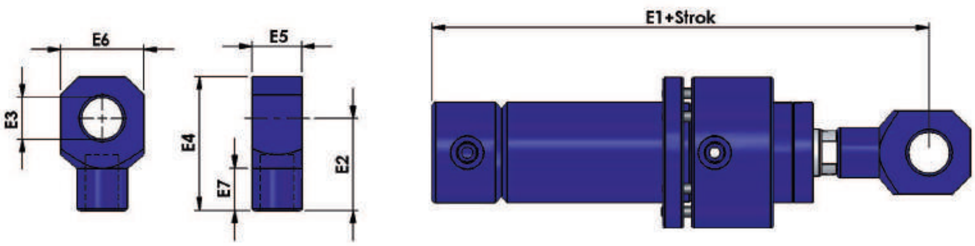
EKLEM BAĞLANTI (EB) / SWIVEL FLANGE (SF)



FLANŞ BAĞLANTI (FB) / MAUNTING FLANGE (MF)



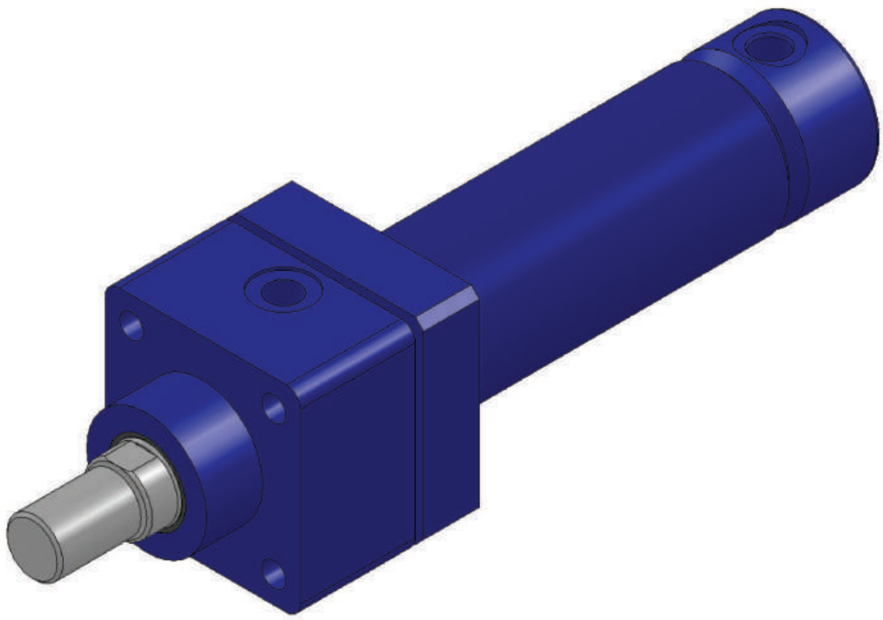
MAFSAL BAĞLANTI (MB) / JOINT MAUNTING (JM)



ø	C1	C2	C3	C4	C5	D1	D2	D3	D4	D5	E1	E2	E3	E4	E5	E6	E7
40	192	30	50	40	20	145	107	130	16	11	212	50	20	70	25	40	20
50	224	30	55	50	25	175	126	150	20	11	249	55	25	80	30	50	25
63	248	40	70	60	30	188	145	175	20	14	278	70	32	104	40	60	29
80	280	45	80	70	35	213	165	200	26	18	317	82	40	119	40	80	29
100	307	63	113	100	45	224	200	240	30	22	359	115	50	165	50	100	50
125	349	70	130	120	60	251	235	280	32	22	399	120	60	180	60	120	50
160	410	100	170	160	70	280	280	330	35	22	480	170	80	240	100	160	70
200	470	120	210	200	80	325	340	390	40	26	540	190	100	280	100	200	70

HİDROLİK SİLİNDİR GRUBU

Hydraulic Cylinder Group



TEKMAK KARE KAFALI HİDROLİK SİLİNDİR **Ø40------Ø80 (THKS)**
TEKMAK SQUARE HYDRAULIC CYLINDER

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Clinder diameter Stroke

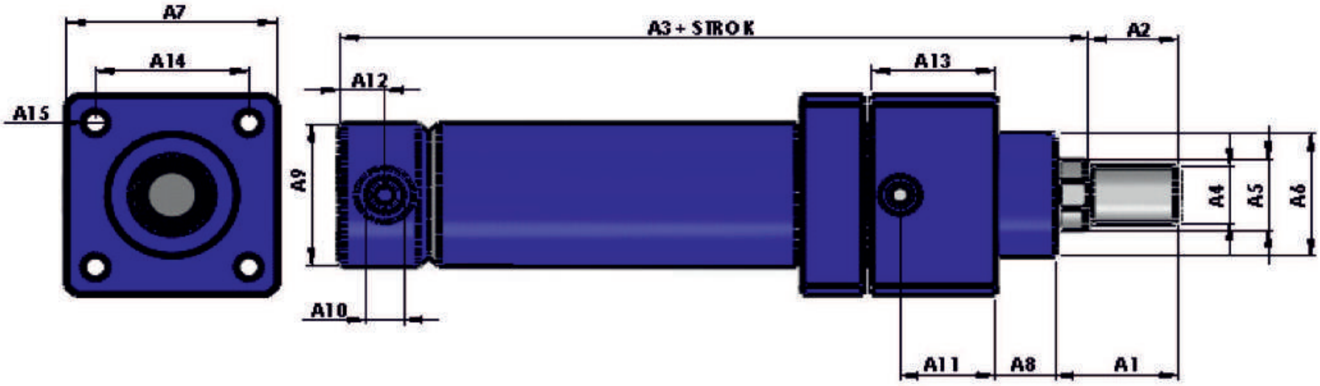
THKS 063 160

THKS - 063 - 160 - EB

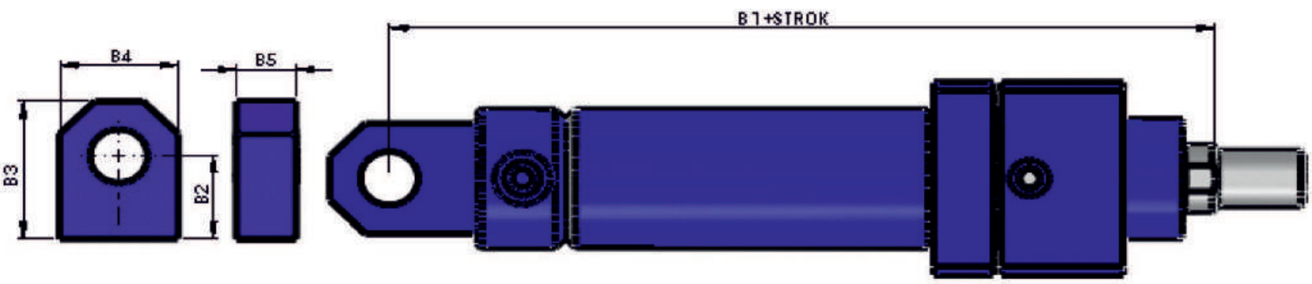
- EB → Yardımcı ekipman / Auxiliary equipment
- 160 → Strok / Stroke
- 063 → Silindir çapı / Cylinder diameter
- THKS → Model / Model

HİDROLİK SİLİNDİR GRUBU

KARE KAFALI HİDROLİK SİLİNDİR / SQUARE HEAD HYDRAULIC CYLINDER



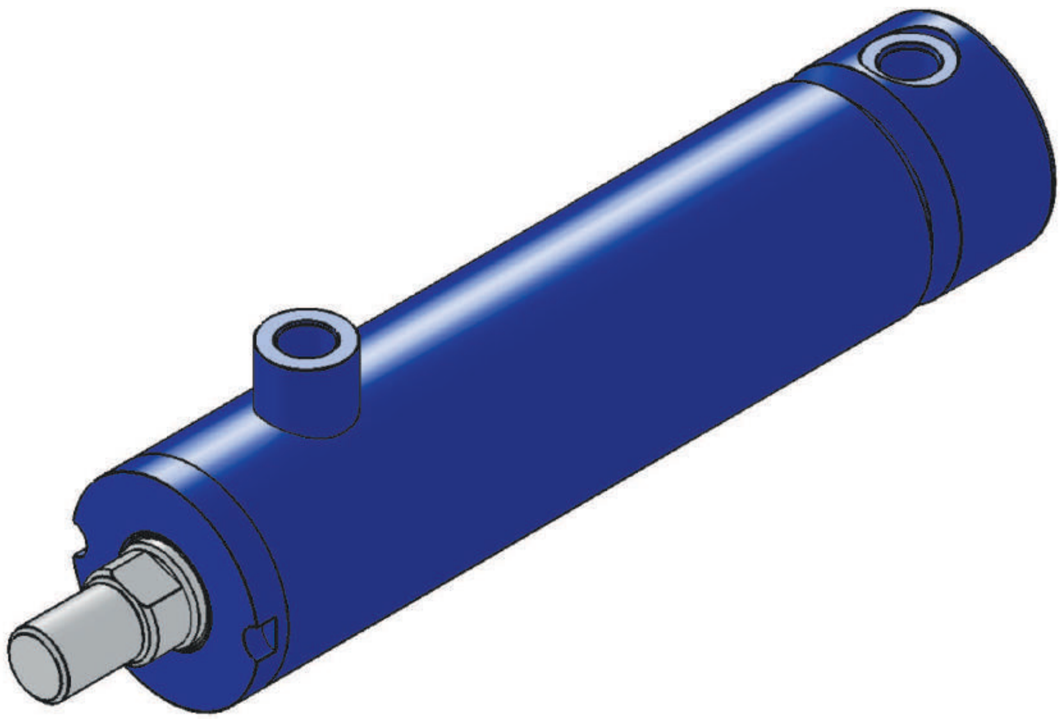
EKLEM BAĞLANTI (EB) / SWIVEL FLANGE (SF)



ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	B1	B2	B3	B4	B5
40	41	30	170	M20x1.5	25	43	70	20	50	1/4	31.5	15	41	51	M10	200	30	50	40	20
50	39	26	178	M20x1.5	28	62	80	25	60	1/4	26	21	37	56	M10	208	30	55	50	25
63	51	39	189	M27X2	36	70	95	30	75	3/8	28	22.5	41	70	M10	229	40	70	60	30
80	65	47	235	M33X2	45	85	115	30	95	3/8	41	29	68	90	M12	280	45	80	70	35

HİDROLİK SİLİNDİR GRUBU

Hydraulic Cylinder Group



TEKMAK BORU TİP HİDROLİK SİLİNDİR

TEKMAK PIPE TYPE HYDRAULIC CYLINDER **Ø40--Ø200 (TBTHS)**

Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Clinder diameter Stroke

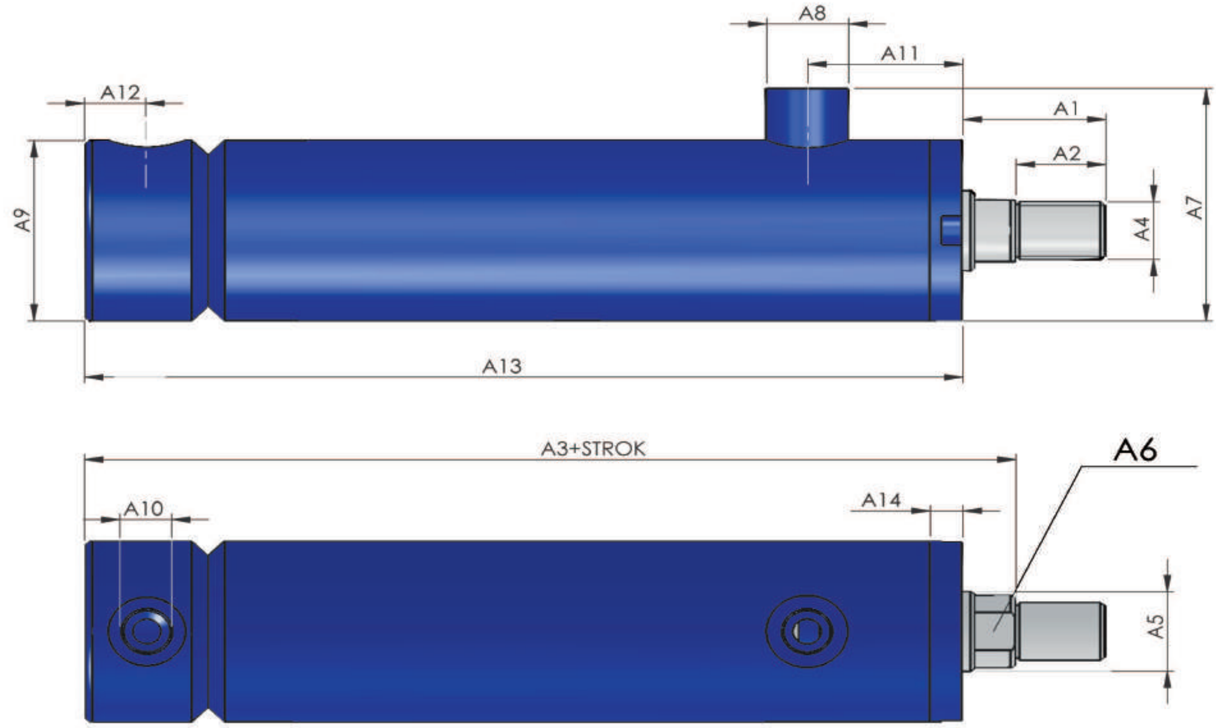
TBTHS 063 160

TBTHS - 063 - 160 - EB

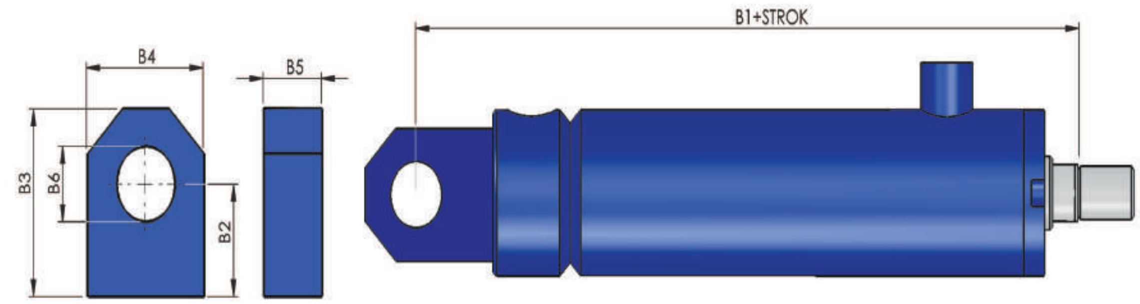
- EB → Yardımcı ekipman / Auxiliary equipment
- 160 → Strok / Stroke
- 063 → Silindir çapı / Cylinder diameter
- TBTHS → Model / Model

HİDROLİK SİLİNDİR GRUBU

BORU TİP HİDROLİK SİLİNDİR / PIPE TYPE HYDRAULIC CYLINDER



EKLEM BAĞLANTI (EB) / SWIVEL FLANGE (SF)



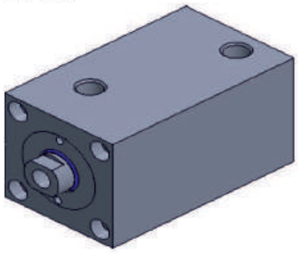
ø	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	B1	B2	B3	B4	B5	B6
40	35	22	125	M16x1.5	22	17	65	20	50	1/4	40	15	115	8	155	30	50	40	20	20
50	46	31	152	M20x1.5	28	22	75	20	60	1/4	43	21	137	8	182	30	55	50	25	25
63	55	39	163	M27x2	36	30	90	25	75	3/8	50	22.5	147	10	203	40	70	60	30	32
80	65	47	209	M33x2	45	36	110	25	95	3/8	60	29	191	10	254	45	80	70	35	40
100	80	60	211	M42x2	55	46	135	30	115	1/2	82	26.5	191	12	274	53	113	100	45	50
125	90	67	229	M48x2	70	60	165	30	145	1/2	82	30	206	12	299	70	130	120	60	60
160	110	85	267	M64x2	90	75	205	35	180	3/4	102	33.5	242	12	367	100	170	160	70	80
200	115	95	282	M80x3	110	100	255	35	230	3/4	102	37.5	262	12	402	120	210	200	80	100

YENİ

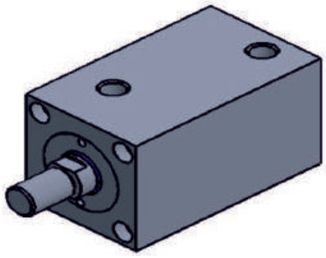
COMPACT HİDROLİK SİLİNDİR GRUBU

Compact Hydraulic Cylinder Group

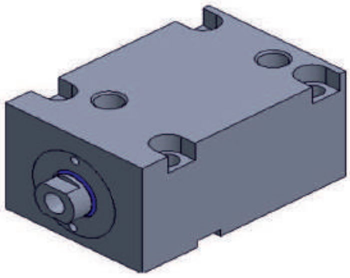
TEKMAK HCF SERİSİ HİDROLİK SİLİNDİR **Ø32---Ø80 (THCF)**



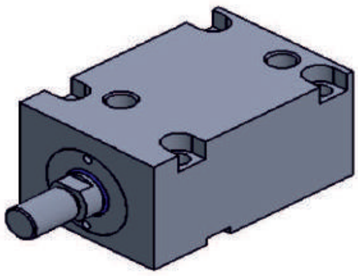
TEKMAK HCF SERİSİ ERKEK HİDROLİK SİLİNDİR **Ø32---Ø80 (THCFE)**



TEKMAK HCS SERİSİ HİDROLİK SİLİNDİR **Ø32---Ø63 (THCS)**



TEKMAK HCS SERİSİ ERKEK HİDROLİK SİLİNDİR **Ø32---Ø63 (THCSE)**



Sipariş nasıl verilir ? / How to Order ?

Model Silindir Çapı Strok / Model Clinder Diameter Stroke

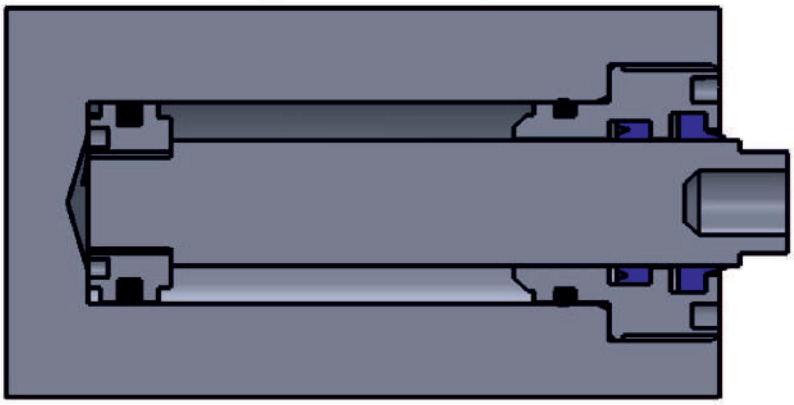
THCF 32- 50

THCF - 32 - 50

50 → Strok / Stroke
32 → Silindir çapı / Cylinder diameter
THCF → Model / Model

COMPACT HİDROLİK SİLİNDİR GRUBU
Compact Hydraulic Cylinder Group

YENİ



TEKNİK ÖZELLİKLER		TECNICAL PROPERTIES	
Çalışma Ortamı	: Hidrolik yağ	Operating enviroment	: Hidrolik oil
Çalışma sıcaklığı	: -20 / +80ºC	Operating temperature	: -20 / +80ºC
Çalışma basıncı max.	: 140 Bar	Operating pressure max.	: 140 Bar
Strok hatası	: ±0.3 mm	Stroke error	: ±0.3 mm
Hareket tip	: Çift etkili	Action type	: Double action
Mil	: CK-45 sert krom kaplı	Rod	: CK-45 hard chrome plated
Boru	: Sıvero Döküm	Pipe	: Sıvero
Sızdırmazlık	: Poliüraten+NBR	Seals (Leak-proof)	: Polyurethane+ NBR

İSTEĞE BAĞLI ÖZELLİKLER	CHANGEABLE PROPERTIES
Aşırı sıcak ortamalar için özel	Special cylinder for extremly hot environment
Mil ölçüsü değişebilir	Chanceable rod dimensions

SİLİNDİR MODELLERİ		CYLINDER MODELS	
THCF	: HCF Serisi Hidrolik Silindir	THCF	: HCF Series Hydraulic Cylinder
THCFE	: HCF Serisi Erkek Hidrolik Silindir	THCFE	: HCF Series Male Hydraulic Cylinder
THCS	: HCS Serisi Hidrolik Silindir	THCS	: HCF Series Hydraulic Cylinder
THCS	: HCS Serisi Erkek Hidrolik Silindir	THCS	: HCF Series Male Hydraulic Cylinder

STANDART BORU ÇAPLARI

Ø32 Ø50 Ø80
Ø40 Ø63

STANDARD PIPE DIAMETER

Ø32 Ø50 Ø80
Ø40 Ø63

STANDART STROKLAR

10 20 30 40 50

STANDARD STROKES

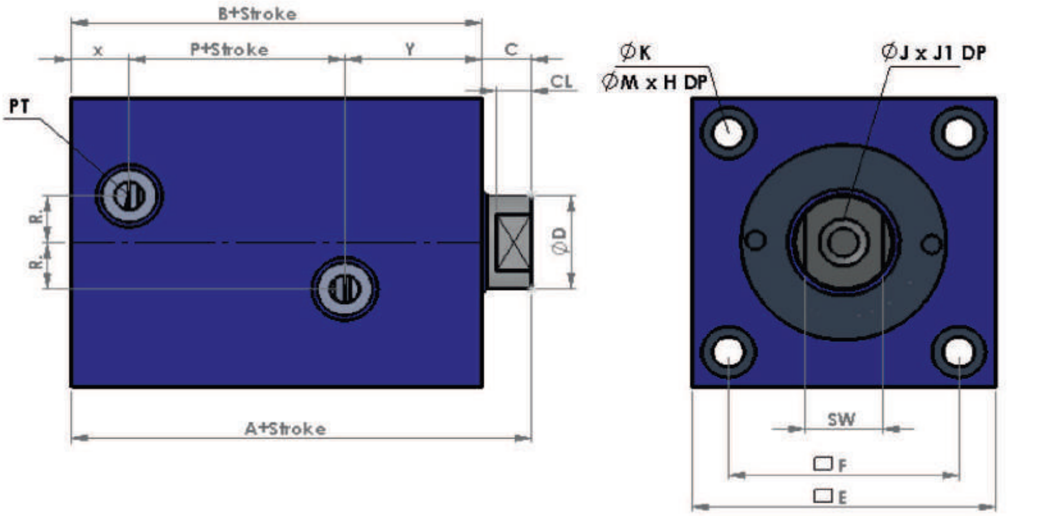
10 20 30 40 50

DİKKAT :STROK MAX:100mm OLMAKTADIR. / WARNING :MAX STROKE IS 100mm.

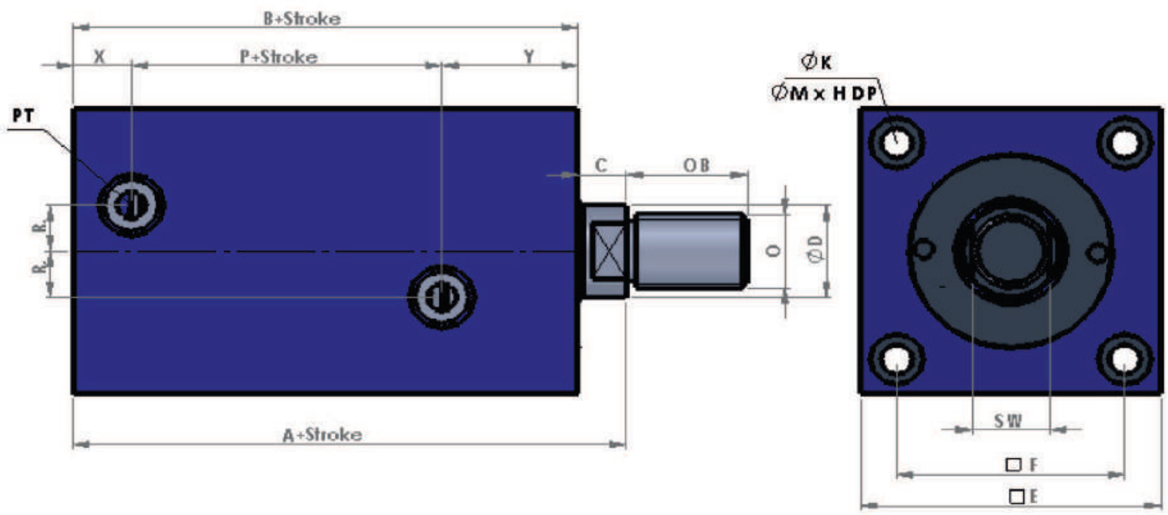
COMPACT HİDROLİK SİLİNDİR GRUBU

Compact Hydraulic Cylınder Group

TEKMAK HCF SERİSİ HİDROLİK SİLİNDİR (THCF)



TEKMAK HCFE SERİSİ ERKEK HİDROLİK SİLİNDİR (THCFE)

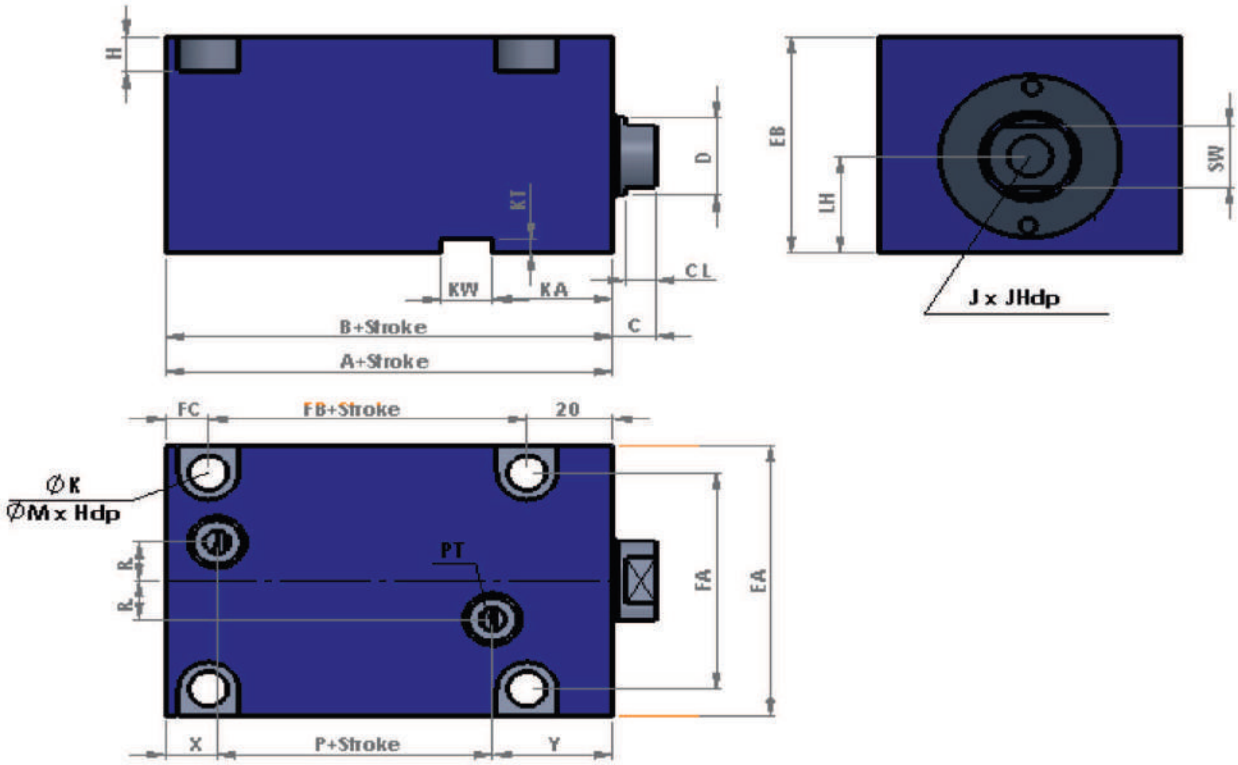


ø	A	B	C	CL	D	E	F	H	J	J1	K	M	O	OB
32	64	54	10	7	20	62	47	6.5	M12x1.75	15	6.5	11	M16x1.5	25
40	65	55	10	7	25	70	52	9	M16x2	20	9	14	M20x1.5	30
50	71	60	11	8	28	80	58	11	M20x2.5	25	11	18	M20x1.5	35
63	80	67	13	10	36	94	69	13	M27x3	35	14	20	M27x2	40
80	95	78	17	14	45	114	86	15	M30x3.5	35	16	23	M33x2	45

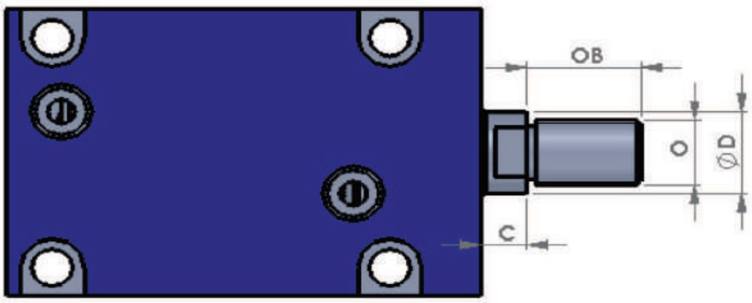
ø	P	PT	R	SW	X	Y
32	14	1/4"	10	17	12	28
40	15	1/4"	10	22	12	28
50	18	1/4"	10	22	12.5	29.5
63	20	3/8"	10	30	16	31
80	27	3/8"	15	36	18	33

COMPACT HİDROLİK SİLİNDİR GRUBU
Compact Hydraulic Cylinder Group

TEKMAK HCS SERİSİ HİDROLİK SİLİNDİR (THCS)



TEKMAK HCSE SERİSİ ERKEK HİDROLİK SİLİNDİR (THCSE)

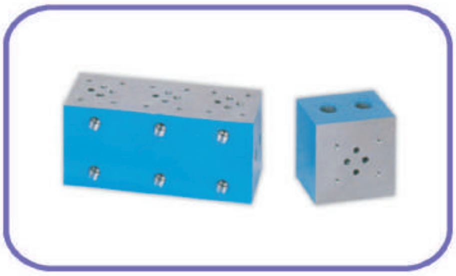


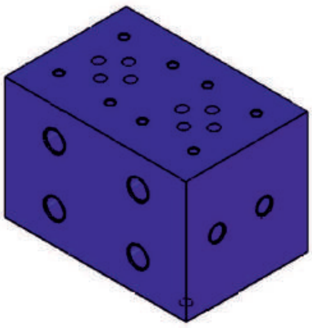
ø	A	B	C	CL	D	EA	EB	FA	FB	FC	H	J	JH	K	KA
32	64	54	10	7	20	70	56	56	24	10	9	M12x1.75	15	9	28
40	65	55	10	7	25	80	64	62	23	12	11	M16x2	20	11	28
50	71	60	11	8	28	94	74	74	27	13	13	M20x2.5	25	14	29
63	80	67	13	10	36	114	89	90	32	15	15	M27x3	35	16	31

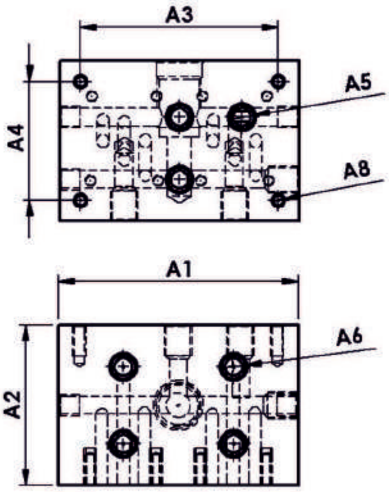
ø	KW	KT	LH	M	O	OB	P	PT	R	SW	X	Y
32	12	3.5	25	14	M16x1.5	25	14	1/4"	10	17	12	28
40	12	3.5	29	18	M20x1.5	30	15	1/4"	10	22	12	28
50	14	4	34	20	M20x1.5	35	18	1/4"	10	22	12.5	29.5
63	16	4.5	42	23	M27X2	40	20	3/8"	10	30	16	31

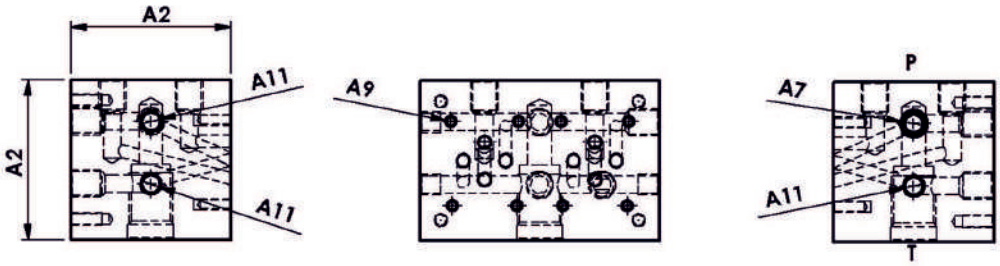
NG 6

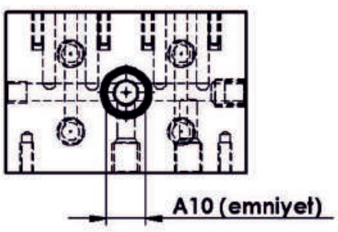
Hidrolik Pleyt
Hydraulic Plate







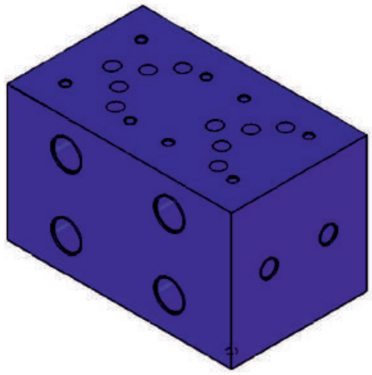


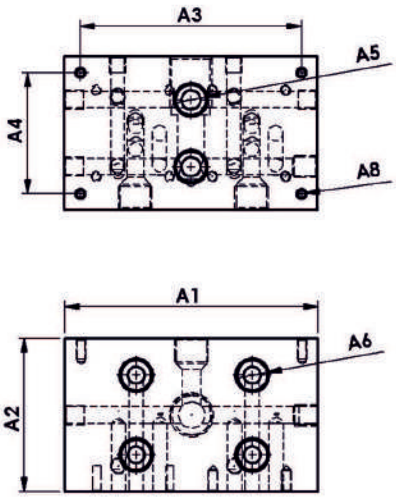


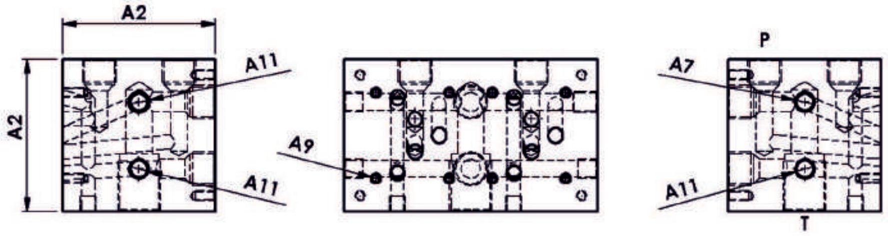
YERLEŞİM TİPİ	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11
TEKLİ	77	65	57	57	3/8"	3/8"	1/4"	M6	M5	1/2"	M10
İKİLİ	115	77	95	57	3/8"	3/8"	1/4"	M6	M5	1/2"	M10
ÜÇLÜ	168	77	148	57	3/8"	3/8"	1/4"	M6	M5	1/2"	M10
DÖRTLÜ	221	77	201	57	3/8"	3/8"	1/4"	M6	M5	1/2"	M10
BEŞLİ	274	77	254	57	3/8"	3/8"	1/4"	M6	M5	1/2"	M10

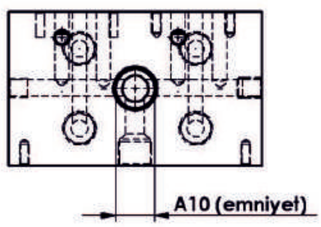
NG 10

Hidrolik Pleyt
Hydraulic Plate

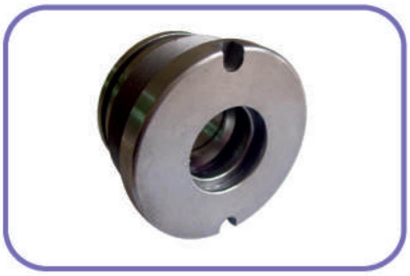


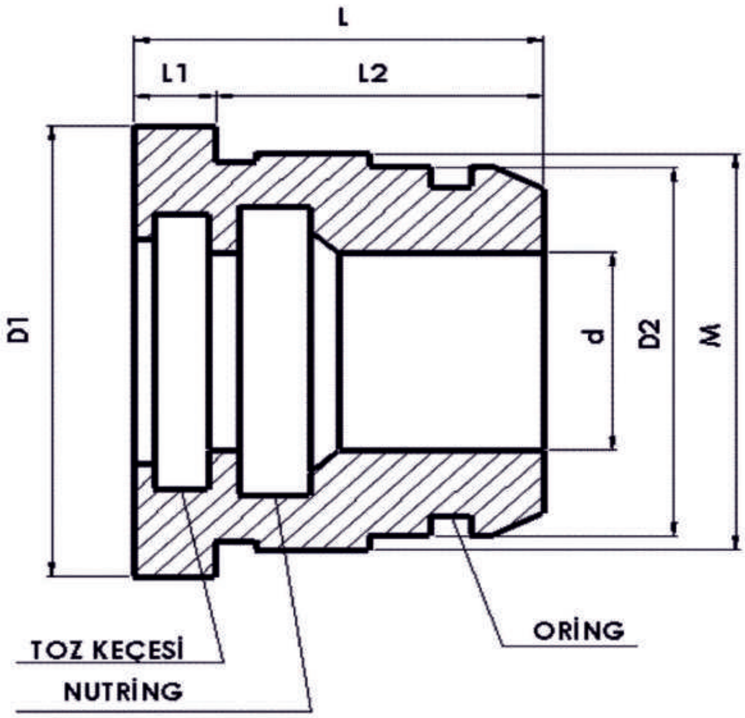




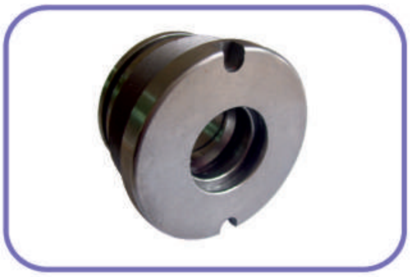


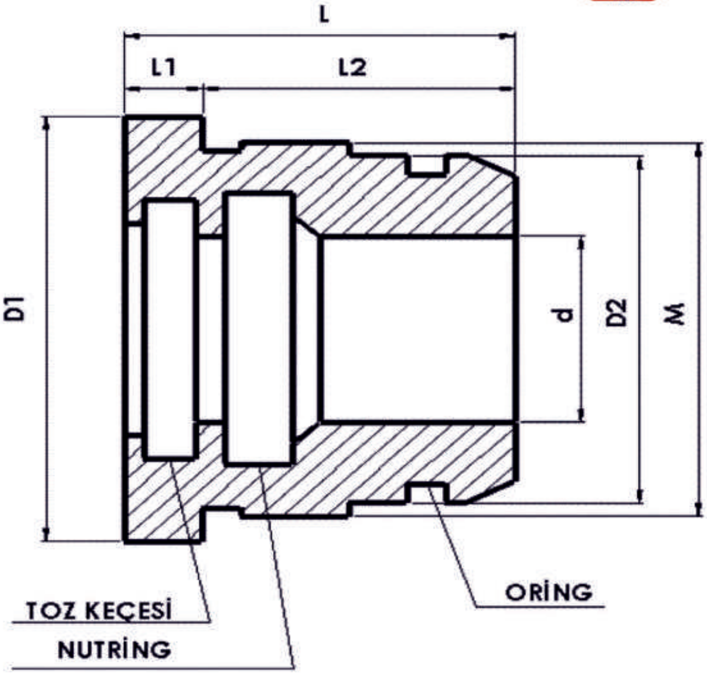
YERLEŞİM TİPİ	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11
TEKLİ	96	85	76	76	1/2"	1/2"	1/4"	M6	M6	3/4"	
İKİLİ	159	96	139	76	1/2"	1/2"	1/4"	M6	M6	3/4"	M12
ÜÇLÜ	232	96	212	76	1/2"	1/2"	1/4"	M6	M6	3/4"	M12
DÖRTLÜ	305	96	285	76	1/2"	1/2"	1/4"	M6	M6	3/4"	M12



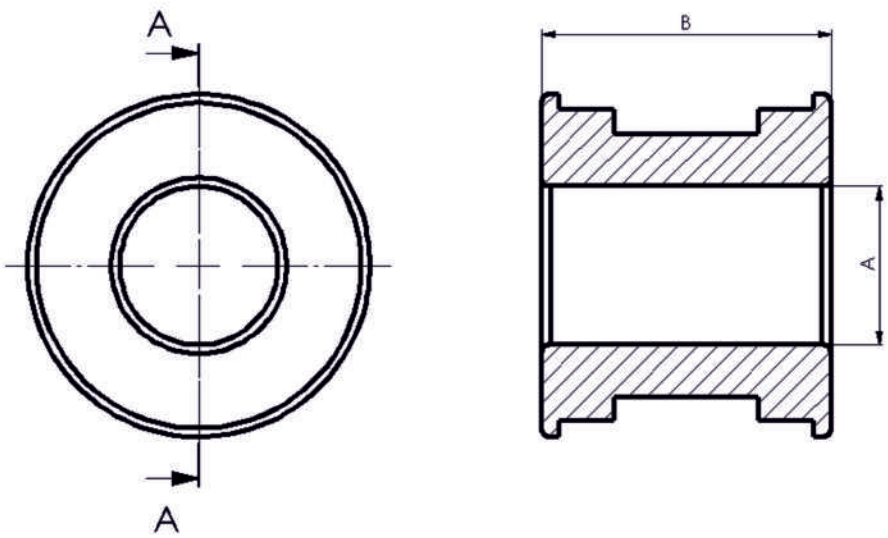


S.N.	ÜRÜN KODU	D1	D2	M	d	L	L1	L2	TOZ KEÇESİ	NUTRING	O-RING
1	TBT 40x20	50	41	M 44x1,5	20	40	32	8	K06-020 (20x28x5/7)	K33-020 (20x30x6)	36x3
2	TBT 40x22	50	41	M 44x1,5	22	40	32	8	K06-022 (20x30x5/7)	K33-022/1 (22x32x6)	36X3
3	TBT 40x25	50	41	M 44x1,5	25	40	32	8	K06-025 (23x33x5/7)	K33-025 (25x35x6)	36x3
4	TBT 50x20	60	51	M 54x1,5	20	43	35	8	K06-020 (20x28x5/7)	K33-020 (20x30x6)	45x3
5	TBT 50x25	60	51	M 54x1,5	25	43	35	8	K06-025 (25x33x5/7)	K33-025 (25x35x6)	45x3
6	TBT 50x30	60	51	M 54x1,5	30	43	35	8	K06-030 (30x38x5/7)	K33-030 (30x40x8)	45x3
7	TBT 50x35	60	51	M 54x1,5	35	43	35	8	K06-035 (35x43x5/7)	K33-035 (35x45x8)	45x3
8	TBT 63x30	75	64	M 69x1,5	30	50	40	10	K06-030 (30x38x5/7)	K33-030 (30x40x8)	45x3
9	TBT 63x35	75	64	M 69x1,5	35	50	40	10	K06-035 (35x43x5/7)	K33-035 (35x45x8)	45x3
10	TBT 63x40	75	64	M 69x1,5	40	50	40	10	K06-040 (40x48x5/7)	K33-040 (40x50x10)	45x3
11	TBT 63x45	75	64	M 69x1,5	45	50	40	10	K06-030 (45x55x5/7)	K33-045 (45x55x10)	45x3
12	TBT 80x35	95	81	M 85x2	35	60	50	10	K06-035 (35x43x5/7)	K33-035 (35x45x8)	74x3,53
13	TBT 80x40	95	81	M 85x2	40	60	50	10	K06-040 (40x48x5/7)	K33-040 (40x50x10)	74x3,53
14	TBT 80x45	95	81	M 85x2	45	60	50	10	K06-045 (45x55x5/7)	K33-045 (45x55x10)	74x3,53
15	TBT 80x50	95	81	M 85x2	50	60	50	10	K06-050 (50x60x5/7)	K33-050 (50x60x10)	74x3,53
16	TBT 80x55	95	81	M 85x2	55	60	50	10	K06-055 (55x65x5/7)	K33-055 (55x65x10)	74x3,53
17	TBT 80x60	95	81	M 85x2	60	60	50	10	K06-060 (60x70x5/7)	K33-060 (60x70x10)	74x3,53
18	TBT 100x40	115	101	M 105x2	40	82	70	12	K06-040 (40x48x5/7)	K33-040 (40x50x10)	90x5
19	TBT 100x45	115	101	M 105x2	45	82	70	12	K06-045 (45x55x5/7)	K33-045 (45x55x10)	90x5
20	TBT 100x50	115	101	M 105x2	50	82	70	12	K06-050 (50x60x5/7)	K33-050 (50x60x10)	90x5
21	TBT 100x55	115	101	M 105x2	55	82	70	12	K06-055 (55x65x5/7)	K33-055 (55x65x10)	90x5





S.N.	ÜRÜN KODU	D1	D2	M	d	L	L1	L2	TOZ KEÇESİ	NUTRING	O-RING
22	TBT 100x60	115	101	M 105x2	60	82	70	12	K06-060 (60x70x5/7)	K33-060 (60x70x10)	90x5
22	TBT 100x60	115	101	M 105x2	60	82	70	12	K06-060 (60x70x5/7)	K33-060 (60x70x10)	90x5
23	TBT 100x65	115	101	M 105x2	65	82	70	12	K06-065 (65x75x5/7)	K33-065 (65x75x10)	90x5
24	TBT 100x70	115	101	M 105x2	70	82	70	12	K06-070 (70x80x5/7)	K33-070 (70x80x12)	90x5
25	TBT 125x50	145	126	M130x2	50	82	70	12	K06-050 (50x60x5/7)	K33-050 (50x60x10)	115x5
26	TBT 125x60	145	126	M130x2	60	82	70	12	K06-060 (60x70x5/7)	K33-060 (60x70x10)	115x5
27	TBT 125x65	145	126	M130x2	65	82	70	12	K06-065 (65x75x5/7)	K33-065 (65x75x10)	115x5
28	TBT 125x70	145	126	M130x2	70	82	70	12	K06-070 (70x80x5/7)	K33-070 (70x80x12)	115x5
29	TBT 125x75	145	126	M130x2	75	82	70	12	K06-075 (75x87x7/12)	K33-075 (75x85x12)	115x5
30	TBT 125x80	145	126	M130x2	80	82	70	12	K06-080 (80x92x7/12)	K33-080 (80x90x12)	115x5
31	TBT 125x85	145	126	M130x2	85	82	70	12	K06-085 (85x97x7/12)	K33-085 (85x95x12)	115x5
32	TBT 125x90	145	126	M130x2	90	82	70	12	K06-090 (90x102x7/12)	K33-090 (90x100x12)	115x5
33	TBT 160x60	180	161	M165x2	60	102	90	12	K06-060 (60x70x5/7)	K33-060/3 (60x70x10)	148x6
34	TBT 160x70	180	161	M165x2	70	102	90	12	K06-070 (70x80x5/7)	K33-070 (70x80x12)	148x6
35	TBT 160x80	180	161	M165x2	80	102	90	12	K06-080 (80x92x7/12)	K33-080 (80x90x12)	148x6
36	TBT 160x90	180	161	M165x2	90	102	90	12	K06-090 (90x102x7/12)	K33-090 (90x100x12)	148x6
37	TBT 160x100	180	161	M165x2	100	102	90	12	K06-100 (100x112x7/12)	K33-100/4 (100x120x12)	148x6
38	TBT 160x110	180	161	M165x2	110	102	90	12	K06-110 (110x122x7/12)	K33-110/1 (110x125x12)	148x6
39	TBT 160x120	180	161	M165x2	120	102	90	12	K06-120 (120x132x7/12)	K33-120/5 (120x140x14,6)	148x6
40	TBT 200x90	220	201	M205x2	90	102	90	12	K06-090 (90x102x7/12)	K33-090 (90x100x12)	188x6
41	TBT 200x100	220	201	M205x2	100	102	90	12	K06-100 (100x112x7/12)	K33-100/4 (100x120x12)	188x6
42	TBT 200x110	220	201	M205x2	110	102	90	12	K06-110 (110x122x7/12)	K33-110 /1(110x125x12)	188x6
43	TBT 200-120	200	201	M205x2	120	102	90	12	K06-120 (120x132x7/12)	K33-120/5(120x140x14,6)	188x6



HİDROLİK PİSTON (Keçe Yatağı)				
ΦD	KOMPAKT SET	O-RİNG	ÖLÇÜLER A	B
TK - Φ40	40x30x16,4 / 6,35	14x1,78	Φ 18	33
TK – Φ50	50x38x20,5 / 4,2	18x2	Φ 22	40
TK – Φ63	63x51x20,5 / 4,2	23x2,5	Φ 28	40
TK – Φ80	80x66x22,5 / 6,35	23x2,5	Φ 28	44
TK – Φ100	100x86x22,5 / 5,2	23,47x2,62	Φ 30	44
TK – Φ125	125x100x25,4/ 7,2	45x2,5	Φ 50	52
TK – Φ160	160x143x26,5 / 7,2	45x2,5	Φ 50	58
TK – Φ200	200x180x30,5 /9,2	45x2,5	Φ 50	70