



SUMMARY PRODUCT CATALOG 2022

ÖZET ÜRÜN KATALOĞU 2022



KINETIC

Firmamız;

Hidrolik, pnömatik, hidropnömatik, sistemler konusunda özel tasarımı ürünler üretmektedir. Firmamız özellikle Türkiye de üretimi bulunmayan yurtdışından ithal edilen ürünlere yönelerek yerli üretimi benimsemiştir. Bugüne kadar birçok ürünü üretmiş olmakla beraber ve hergün yeni ürünler üretmeye devam etmekteyiz. Katalog ürünlerimize bağlı kalmadan siparişe özel tasarımı ürünler yapmaktayız. Katalogumuzu özet bir katalog olarak değerlendirmek daha doğru olur.

Özel tasarım üretimin yanında, Hidrolik, Pnömatik, Merkezi Yağlama Sistemleri, Lineer Hareket Teknolojileri ve Otomasyon alanında ürün temini ve ürün satışı, Mühendislik, Sistem tasarımı, Teknik Danışmanlık ve satış sonrası Teknik Servis hizmetleri de vermekteyiz.

Kinetic Türkiye Ltd. Şti. bugün; deneyimli personeli, çağdaş organizasyon sistemi, yetişmiş teknik destek personeli ile daima önüne bakan bir kuruluş olmanın mutluluğunu yaşamaktadır.

Our Company;

It manufactures hydraulic, pneumatic, hydropneumatic and special designed products. our company especially by focusing on products imported from abroad without the production of domestic production in Turkey adopted. We have produced many products to date and new products every day we continue to produce. Order-specific products without adhering to our catalog products We have been. It would be better to consider our catalog as a summary catalog.

In addition to special design production, Hydraulic, Pneumatic, Centralized Lubrication Systems, Linear Motion Technologies and Automation in the field of product supply and product sales, Engineering, System design, We provide technical consultancy and after sales technical services.

Kinetic Turkey Industry & Trade Ltd. Co. today has the right of feeling proud of being a foreseeing institution with the support of our experienced technical staff and developed modern organising system and also our widerange stocks

Katalog ve fiyat listemiz sürekli güncellenmektedir. Güncel bilgileri web sitemizden takip edebilirsiniz.

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info@kinetictr.com

	TELESKOPIK SİLİNDİRLER / Telescope Cylinders	\$	1		HİDROLİK DÖNER KLEMP / Hydraulic Swivel Clamp	\$	36
	TELESKOPIK SİLİNDİRLER / Telescope Cylinders	\$	2		LEVYE TİP HİDROLİK DÖNER KLEMP/ Lever Type Swivel	\$	37
	DERECE AYARLI AKTUATÖR / Adjustable Rotary Actuators	\$	3		HİDROLİK DÖNER KLEMP / Hydraulic Swivel Clamp	\$	38
	DÖNER AKTUATÖR / Rotary Actuators	\$	4		HİDROLİK DÜZ KLEMP / Hydraulic Clamp	\$	39
	BLOK GÖVDE DÖNER KLEMPLER / Pneumatic Swivel Clamps	\$	5		HİDROLİK MİNİ GÜÇ ÜNİTESİ / Hydraulic Mini Power Pack	\$	40
	DÖNER VE DÜZ KLEMPLER / Swivel and Lever Clamps	\$	6		KİLİTLİ HİDROLİK SİLİNDİR / Self Locking Hydraulic Cylinder	\$	41
	KISA TİP DÖNER KLEMP / Short Type Swivel Clamp	\$	7		KİLİTLİ HİDROLİK SİLİNDİR / Self Locking Hydraulic Cylinder	\$	42
	DİŞLİ GÖVDE DÖNER KLEMP / Round Type Swivel Clamp	\$	8		KBZ-02 HİDROLİK SİLİNDİR / KBZ-02 Hydraulic Cylinder	\$	43
	KCL DÖNER KLEMP / Round Type Swivel Clamp	\$	9		KBZ-03 HİDROLİK SİLİNDİR / KBZ-03 Hydraulic Cylinder	\$	44
	PNÖMATİK POWER KLEMP / Pneumatic Power Clamp	\$	10		KBZ-04 HİDROLİK SİLİNDİR / KBZ-04 Hydraulic Cylinder	\$	45
	KGK POWER KLEMP / Pneumatic Power Clamp	\$	11		KBZ-05 HİDROLİK SİLİNDİR / KBZ-05 Hydraulic Cylinder	\$	46
	CNC PNÖMATİK MENGENE / CNC Pneumatic Clamp	\$	12		KBZ-06 HİDROLİK SİLİNDİR / KBZ-06 Hydraulic Cylinder	\$	47
	PNÖMATİK TUTUCULAR / Air Grippers	\$	13		KBZ-07 HİDROLİK SİLİNDİR / KBZ-07 Hydraulic Cylinder	\$	48
	PNÖMATİK TUTUCULAR / Air Grippers	\$	14		KBZ-08 HİDROLİK SİLİNDİR / KBZ-08 Hydraulic Cylinder	\$	49
	PNÖMATİK MANYETİK TUTUCU / Pneumatic Magnet Gripper	\$	15		KBZ-09 HİDROLİK SİLİNDİR / KBZ-09 Hydraulic Cylinder	\$	50
	PNÖMATİK GENİŞ TİP TUTUCU / Pneumatic Large Gripper	\$	16		KBZ-10 HİDROLİK SİLİNDİR / KBZ-10 Hydraulic Cylinder	\$	51
	PNÖMATİK MİLSİZ SİLİNDİR / Pneumatic Rodless Cylinder	\$	17		KBZ-11 HİDROLİK SİLİNDİR / KBZ-11 Hydraulic Cylinder	\$	52
	HİDRO PNÖMATİK SİLİNDİRLER / Hydropneumatic Cylinders	\$	18		KBZ-12 HİDROLİK SİLİNDİR / KBZ-12 Hydraulic Cylinder	\$	53
	HİDRO PNÖMATİK SİLİNDİRLER / Hydropneumatic Cylinders	\$	19		KSWC HİDROLİK SİLİNDİR / KSWC Hydraulic Cylinder	\$	54
	HİDRO PNÖMATİK SİLİNDİRLER / Hydropneumatic Cylinders	\$	20		KSWC_03_M HİDROLİK SİLİNDİR / KSWC Hydraulic Cylinder	\$	55
	HİDROPNÖMATİK PRES / Hydropneumatic Press	\$	21		KVSP HİDROLİK SİLİNDİR / KVSP Hydraulic Cylinder	\$	56
	HİDROÇEK HIZ KONTROL / Hydrocheck Flow Control	\$	22		KUSB_B UZUN STOKLU BLK SİL. / KUSB_B Hydraulic Cylinder	\$	57
	HİDROÇEK HIZ KONTROL / Hydrocheck Flow Control	\$	23		KHMC MANYETİK HİD. SİLİNDİR / Magnet Hydraulic Cylinder	\$	58
	Booster Basınç Yükseltici Silindir / Booster Cylinder	\$	24		KYHC HİDROLİK YASTIKLI SİLİNDİR / Hydr. Cushion Cylinder	\$	59
	STOPER SİLİNDİRLER/ Stoper Cylinders	\$	25		HC_A HİDROLİK SİLİNDİRLER / HC_A Hydraulic Cylinders	\$	60
	PNÖMATİK STOPER FREN SİLİNDİRİ / Pneumatic Stoper Brake Cylinder	\$	26		KHCC HİDROLİK SİLİNDİR / KHCC Hydraulic Cylinder	\$	61
	PNÖMATİK İKİZ SİLİNDİR / Pneumatic Twin Cylinder	\$	27		HİDROLİK İŞ DESTEK SİLİNDİRİ / Hydraulic Work Support	\$	62
	PNÖMATİK KAYNAK SİLİNDİRİ / Pneumatic Tridem Cylinder	\$	28		ÇİFT ETK.HİD.TELESKOPIK SİLİNDİR / Hydraulic Telescopic Cyl.	\$	63
	PNÖMATİK İNDEX DÖNER TABLA / Pne. Index Rotary Table	\$	29		HİDROLİK ROTARY AKTUATÖR / Hydraulic Rotary Actuator	\$	64
	PNÖMATİK İNDEX DÖNER TABLA / Pne. Index Rotary Table	\$	30		PNÖMATİK AĞ TABANCASI / Pneumatic Network Gun	\$	65
	KISA TİP DÖNMEZ MİLLİ SİL. / Short Strok NonRotate Cylinder	\$	31				
	DÖNMEZ MİLLİ SİL. / Pneumatic NonRotate Cylinder	\$	32				
	SHORT STROK AYARLI SİLİNDİR / Adjustable Stroke Cylinder	\$	33				
	VAKUM ve VEYA VALFİ / Vacuum and Shuttle Valve	\$	34				
	HİDROLİK DÖNER KLEMP / Hydraulic Swivel Clamp	\$	35				

Ürün resimlerine tıklayarak [ürün detaylarına](#), [\\$](#) işaretlerine tıklayarak, [ürün fiyatlarına](#), sayfa numaralarına tıklayarak [index sayfasına](#) ulaşabilirsiniz.



Sipariş Kodu / Ordering Code

TLSK 2K 50 180 S

Manyetik / Magnet

Strok / Stroke (mm)

Çap / Bore Size (mm)

Kademe / Stage

Model / Model

Model / Model

Ürün Kodu / Product Code

Kademe / Stage

Kademe Sayısı / Stage Number
2 - 3 - 4 - 5

Çap / Bore Size (mm)

032 - 040 - 050 - 063 - 080 - 100 - 125 mm

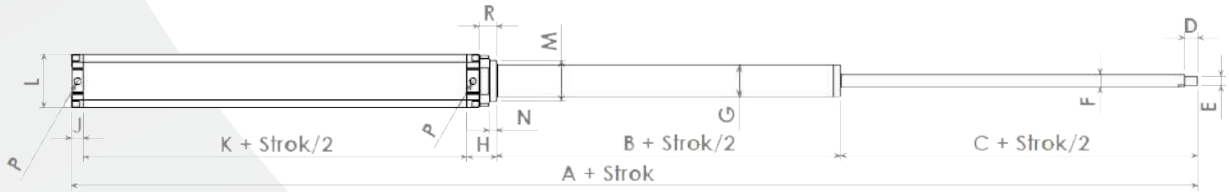
Strok / Stroke (mm)

100 - 200 - 300 - 400 - 500 etc.

Manyetik / Magnet

S Manyetik / Magnetic version
- Manyetik Yok / No Magnetic

Çap / Bore (mm)	Ø 1.Kademe	Ø 2.Kademe	Ø 3.Kademe	2. Kademe Kuvvet (Force) (Kg)	3. Kademe Kuvvet (Force) (Kg)	BAR
50	50	26		31,83		6
63	63	26		31,83		6
80	80	50	30	117,75	42,39	6



Çap / Bore (mm)	A	B	C	D	E	ØF	ØG	L	ØM	N	H	P	J	K	CAA
50	575.5	10	27	16	M10 X 1.25	12	40	68	52	10	38	G 1/8"	15	60.5	10
63	575.5	10	27	16	M12 X 1.75	16	40	74	52	10	38	G 1/8"	15	60.5	10
80	575.5	10	27	16	M16 X 1.5	18	60	94	80	10	38	G 1/8"	15	60.5	12
100	575.5	10	27	16	M18 X 1.5	20	90	110	104	10	38	G 1/8"	15	60.5	16

Farklı çap, strok ve kademelerde üretim yapabilmekteyiz. Lütfen iletişim kurunuz.
We can produce different sizes, strokes and stages. Please, contact us,



Sipariş Kodu / Ordering Code

TLSK 3K 50 180 S

Manyetik / Magnet

Strok / Stroke (mm)

Çap / Bore Size (mm)

Kademe / Stage

Model / Model

Model / Model

Ürün Kodu / Product Code

Kademe / Stage

Kademe Sayısı / Stage Number
2 - 3 - 4 - 5

Çap / Bore Size (mm)

032 - 040 - 050 - 063 - 080 - 100 - 125 mm

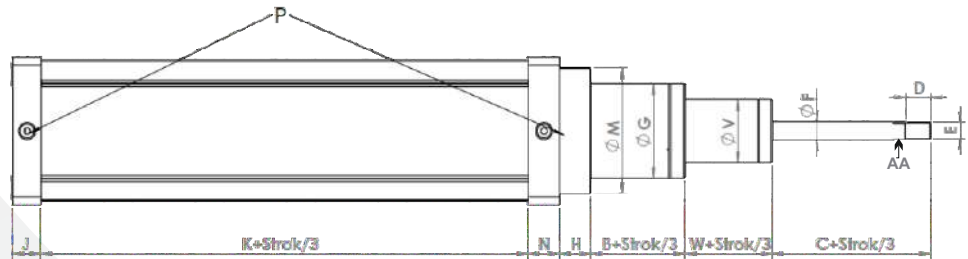
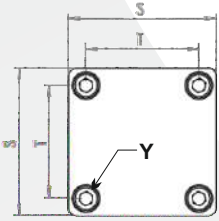
Strok / Stroke (mm)

100 - 200 - 300 - 400 - 500 etc.

Manyetik / Magnet

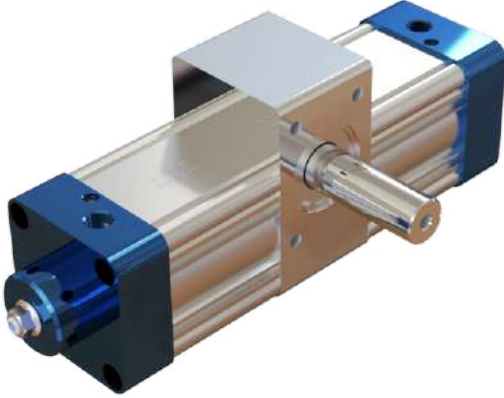
S Manyetik / Magnetic version
- Manyetik Yok / No Magnetic

Çap / Bore (mm)	Ø 1.Kademe	Ø 2.Kademe	Ø 3.Kademe	2. Kademe Kuvvet (Force) (Kg)	3. Kademe Kuvvet (Force) (Kg)	BAR
50	50	26		31,83		6
63	63	26		31,83		6
80	80	50	30	117,75	42,39	6



Çap / Bore (mm)	A	B	C	D	E	ØF	ØG	L	ØM	N	H	P	S	T	J	K	Y	CAA
50	575.5	10	27	16	M10 X 1.25	12	40	68	52	10	38	G 1/8"	68	50	15	60.5	22	10
63	575.5	10	27	16	M12 X 1.75	16	40	68	52	10	38	G 1/8"	74	55	15	60.5	22	10
80	575.5	10	27	16	M16 X 1.5	18	60	68	80	10	38	G 1/8"	94	72	15	60.5	22	12
100	575.5	10	27	16	M18 X 1.5	20	90	68	104	10	38	G 1/8"	110	89	15	60.5	22	16

Farklı çap, strok ve kademelerde üretim yapabilmekteyiz. Lütfen iletişim kurunuz.
We can produce different sizes, strokes and stages. Please, contact us,



Sipariş Kodu / Ordering Code

KRA C M 50 180 S

Manyetik / Magnet

Dönüş Derecesi / Rotation Angle

Çap / Bore Size (mm)

M:Mil Tipi / Rod Type

C:Derece Ayarlı / Rotation Adjusted

Model / Model

Mil Tipi / Rod Type

M Erkek Pinyon Milli / Male pinion

F Dişi Pinyon Milli / Female pinion

C:Derece Ayarlı / Rotation Adjusted

C Ayarlanabilir derece ayarı (+ - 10 / 15) / Adjustable degree

- Derece ayarı yoktur / No adjustable degree

Çap / Bore Size (mm)

025 - 032 - 040 - 050 - 063 - 080 - 100 - 125 mm

Dönüş Derecesi / Rotation Angle

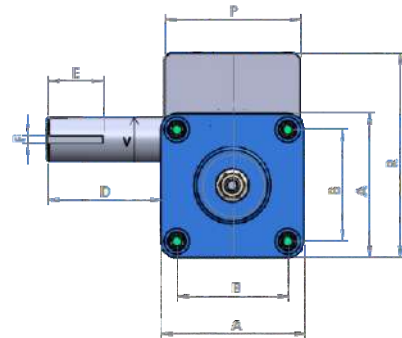
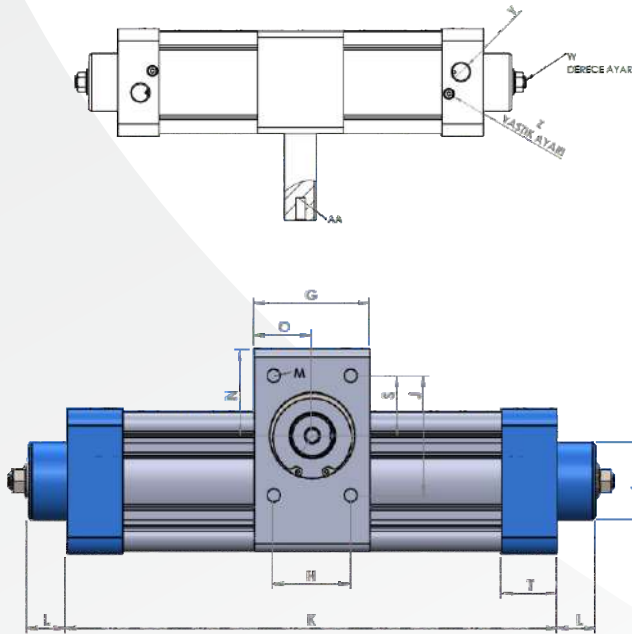
90° - 180° - 270° - 360°

Manyetik / Magnet

S Manyetik / Magnetic version

- Manyetik Yok / No Magnetic

Çap / Bore	32	40	50	63	80	100	125
Akışkan / Fluid	Hava / Air						
Çalışma Basınç Aralığı / Working Pressure Range	1 ~ 9,0 kgf/cm ²						
Maximum Basınç Dayanımı / Max. Pressure Resistance	13,5 kgf/cm ²						
Çalışma Sıcaklık Aralığı / Working Temperature Range	0 ~ 70 °C						
Çalışma Hız Aralığı / Working Speed Range	50 ~ 800 mm/sec						
Bağlantı Ölçüsü / Connection Measure	G 1/8	G 1/4	G 1/4	G 3/8	G 3/8	G 1/2	G 1/2



Çap Bore (mm)	A	B	ØC	D	E	F	G	H	J	K	L	ØM	N	O	P	R	S	T	AA	ØV	Y	W	Z
80	93	72	50	40	20	5	75	34	77	318	25	M10	55.5	37.5	88	130	38.5	36	M10 - 20	28	G 3/8	6	3



Sipariş Kodu / Ordering Code

KRA F 50 180 S

Manyetik / Magnet

Dönüş Derecesi / Rotation Angle

Çap / Bore Size (mm)

Mil Tipi / Rod Type

Model / Model

Mil Tipi / Rod Type

M Erkek Pinyon Millî / Male pinion

F Dişi Pinyon Millî / Female pinion

C:Derece Ayarlı / Rotation Adjusted

C Ayarlanabilir derece ayarı (+ 10 / 15) / Adjustable degree
- Derece ayarı yoktur / No adjustable degree

Çap / Bore Size (mm)

025 - 032 - 040 - 050 - 063 - 080 - 100 - 125 mm

Dönüş Derecesi / Rotation Angle

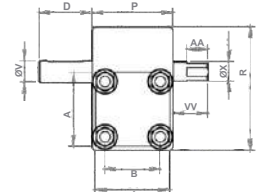
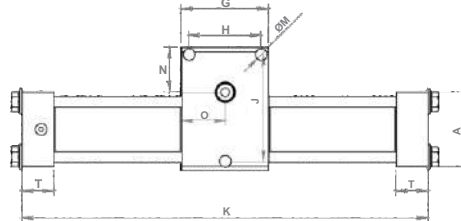
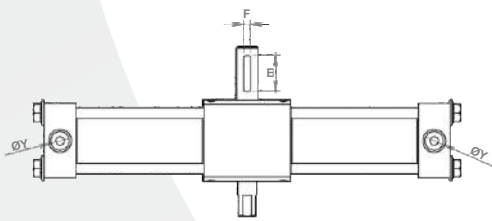
90° - 180° - 270° - 360°

Manyetik / Magnet

S Manyetik / Magnetic version

- Manyetik Yok / No Magnetic

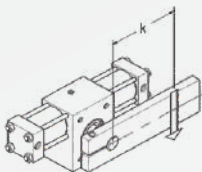
Çap / Bore	32	40	50	63	80	100	125
Akışkan / Fluid	Hava / Air						
Çalışma Basınç Aralığı / Working Pressure Range	1 ~ 9,0 kgf/cm ²						
Maximum Basınç Dayanımı / Max. Pressure Resistance	13,5 kgf/cm ²						
Çalışma Sıcaklık Aralığı / Working Temperature Range	0 ~ 70 °C						
Çalışma Hız Aralığı / Working Speed Range	50 ~ 800 mm/sec						
Bağlantı Ölçüsü / Connection Measure	G 1/8	G 1/4	G 1/4	G 3/8	G 3/8	G 1/2	G 1/2



Çap Bore (mm)	A	B	D	E	F	G	H	J	K	ØM	N	O	P	R	T	AA	ØV	VV	ØX	Y
25	35	26	25	15	3	45	34	50	191	5.5	21	20.5	38	58	15	8 - 9.5	12	16.5	9	G 1/8
32	40	32	25	15	3	45	34	50	191	5.5	21	20.5	38	58	15	8 - 9.5	12	16.5	9	G 1/8
40	56	38	25	15	3	59	34	50	291	8.5	21	20.5	38	58	30	8 - 9.5	16	16.5	9	G 1/4
50	40	32	30	15	3	75	34	50	191	5.5	21	20.5	38	58	15	8 - 9.5	20	16.5	9	G 1/4
63	76	56.5	35	20	5	75	34	50	427	8.5	53.5	37.5	75	120	36	-	25	-	-	G 3/8
80	93	72	40	20	5	75	34	77	318	10	55.5	37.5	88	130	36	-	28	-	-	G 3/8

NOKTA YÜKÜ

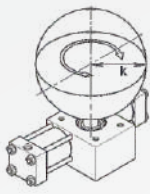
POINT LOAD



$$J_m = \frac{W}{g} \times k^2$$

KATI KÜRE

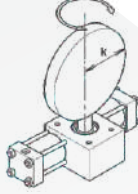
SOLID SPHERE



$$J_m = \frac{2}{5} \times \frac{W}{g} \times k^2$$

İNCE DİSK

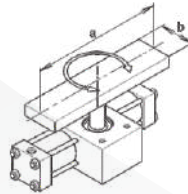
THIN DISK



$$J_m = \frac{W}{g} \times \frac{k^2}{4}$$

İNCE DİKDÖRTGEN LEVHA

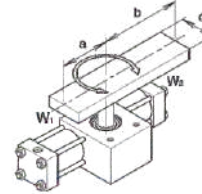
THIN RECTANGULAR PLATE



$$J_m = \frac{W}{g} \times \frac{a^2 + b^2}{12}$$

İNCE DİKDÖRTGEN LEVHA

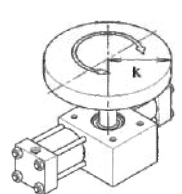
THIN RECTANGULAR PLATE



$$J_m = \frac{W_1}{g} \times \frac{4a^2 + c^2}{12} + \frac{W_2}{g} \times \frac{4b^2 + c^2}{12}$$

İNCE ÇUBUK

SLENDER ROD



$$J_m = \frac{W}{g} \times \frac{k^2}{2}$$

KİNETİK ENERJİ TEMEL FORMÜLÜ

KINETIC ENERGY BASIC FORMULA

$$KE = 1/2 J_m \omega^2$$

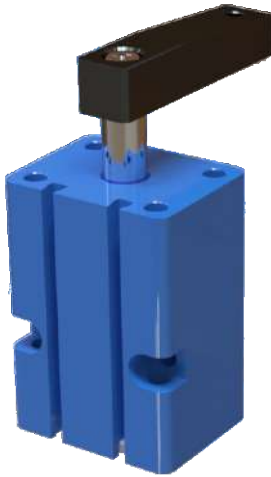
$$\omega = 0,036 \times \frac{\text{DÖNME AÇISI (derece)}}{\text{DÖNME ZAMANI (saniye)}}$$

KE = Kinetik Enerji
Jm = Rotasyonel kütle atalet momenti
(Nesnenin fiziksel boyutuna ve ağırlığına bağlıdır.)
ω = Tüpe Hızı (Rad/sn.) (Ortalamanın iki katı hız varsayarak.)
W = Yük Ağırlığı (lb)
g = Yerçekimi Sabiti = 386.4 in/sec²
k = Dönme Yarıçapı (inçinde)

KE = Kinetic Energy
Jm = Rotational mass moment of inertia (in-lb-sec²)
(Dependent on physical size of object and weight.)
ω = Peak Velocity (rad/sec) (Assuming twice average velocity.)
W = Weight of load (lb)
g = Gravitational constant = 386.4 in/sec²
k = Radius of gyration (in)

BLOK GÖVDE DÖNER KLEMP

Pneumatic Swing Clamp



Sipariş Kodu / Ordering Code

BGDK R 50 90 S

Manyetik / Magnet

Dönüş Derecesi / Rotation Angle

Çap / Bore Size (mm)

Dönüş Yönü / Rotation Way

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Dönüş Yönü / Rotation Way

R Sağ Dönüşlü / Right Way
L Sol Dönüşlü / Left Way

Çap / Bore Size (mm)

025 - 032 - 040 - 050 - 063 mm

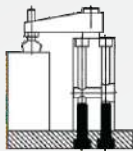
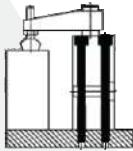
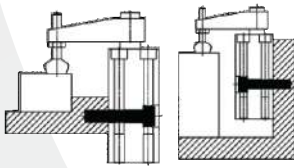
Manyetik / Magnet

S Manyetik / Magnetic version
- Manyetik Yok / No Magnetic

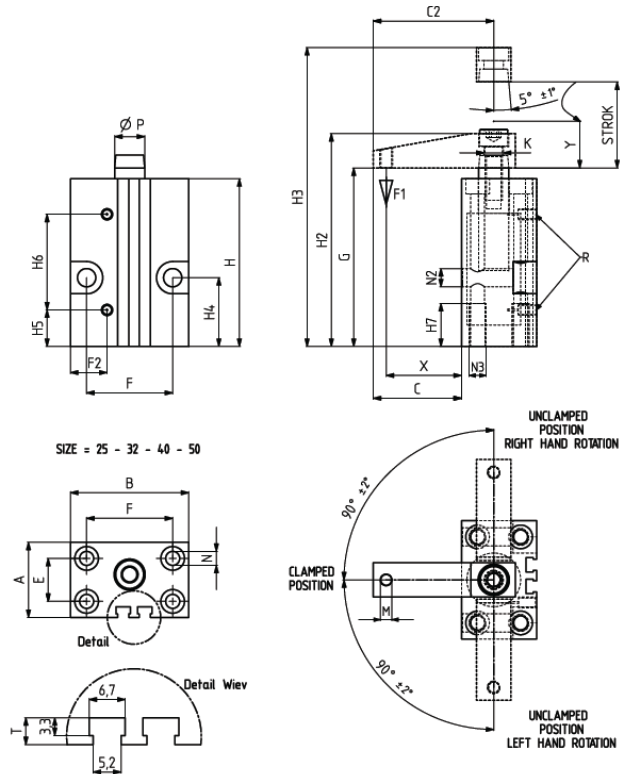
Çap / Bore (mm)	F1 (N)	Vn (N)	BASKI VİDASI (SQUEEZE SCREW)	STROK	AĞIRLIK (WEIGHT) (gr)	BAR
25 R / L	170	0.15	M6	27	600	6
32 R / L	270	0.28	M8	30	800	6
40 R / L	450	0.47	M8	30	920	6
50 R / L	700	0.76	M12	31	1000	6

F1 : Baskı Kuvveti (Exerting Force)

Vn, 6 Bar Basıncıta Çift Hareket İçin Hava Tüketim Miktarıdır. (Vn, Air Consumption Per Double Stroke In dm3 at 6 Bar)



Montaj Şekli



Çap / Bore (mm)	A	B	C	C2	E	F	F2	G	H	H2	H3	H4	H5	H6	H7	K	M	N	N2	N3	P	R	T	X	Y
25 R / L	35	55	41	56	20	40	17	83	78	99	126	32	17	44.5	20	M8	M6	6.5	8.5	M8	14	M5	5	35	17
32 R / L	45	60	49	69	30	45	18	96	90	118	148	43	22	50	20	M8	M8	6.5	8.5	M8	16	G1/8	6.5	40	14
40 R / L	55	70	54.5	79	37	52	22	99	90	115	145	40	20	50	25	M8	M8	8.5	8.5	M10	16	G1/8	8	45.5	17
50 R / L	65	85	58.5	90	46	66	25	106	102	131.5	162.5	27	27	53.5	30	M10	M12	8.5	10.5	M10	20	G1/8	6	48.5	15



Sipariş Kodu / Ordering Code

MKA R 40 90 S

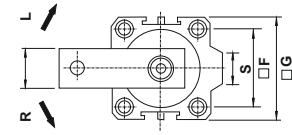
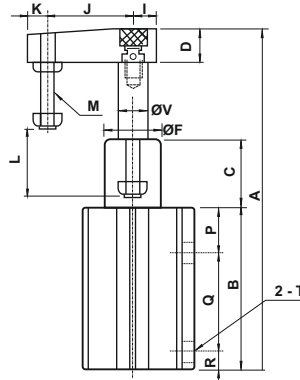
Manyetik / Magnet

Dönme Açısı / Swivel Angle

Çap / Bore Size (mm)

Dönüş Yönü / Rotation Way

Model / Model

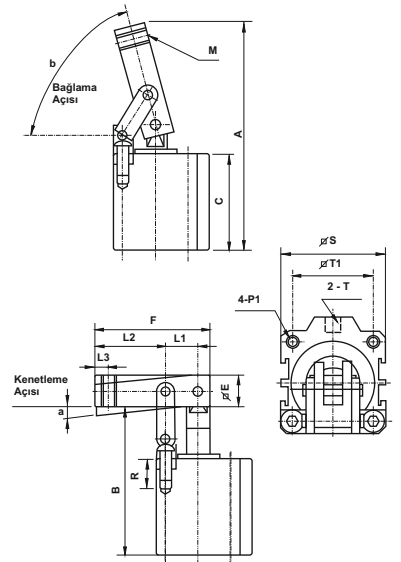
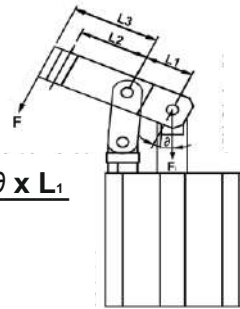


Çap / Bore (mm)	20 / 25	32 / 40	50 / 63
Çalışma Şekli / Acting Type	Çift Etkili / Double Acting		
Dönme Açısı / Swivel Angle	90° / 180° ±2°		
Dönme Yönü / Swivel Direction	Sol ve Sağ / Left or Right		
Dönme Stroku / Swivel Stroke (mm)	9.5	15	20
Kenetleme Stroku / Clamp Stroke (mm)	20		
Akışkan / Fluid	Hava / Air		

Çap Bore (mm)	A	B	C	D	E	F	G	H	HA	I	J	K	L	M	P	Q	R	S	T	U	V	W
20	156	82	26	14	16	24	34	3.5	6	9	35	7	29.5	M6X1.0	32	41.5	8.5	10	M5X0.8	M5X0.8	10	16
25	157	83	26	14	18	28	40	4.6	8	9	35	7	29.5	M6X1.0	31	43.5	8.5	10	M5X0.8	M6X1.0	10	16
32	186.5	84	44	18	25	34	44	4.6	8	12	45	10	35	M8X1.25	24	50	10	16	G1/8	M6X1.0	12	18
40	187	85	44	18	30	40	52	5.7	9.5	12	45	10	35	M8X1.25	24	51	10	16	G1/8	M8X1.25	16	20
50	214.5	96.5	50	22	37	48	62	6.8	11	13	65	10	40	M10X1.5	29.5	56	11	20	G1/4	M8X1.25	20	22
63	217	100	50	22	48	60	75	6.8	11	13	65	10	40	M10X1.5	30	58	12	20	G1/4	M8X1.25	20	22



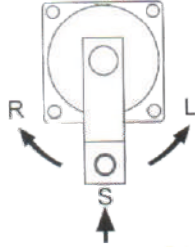
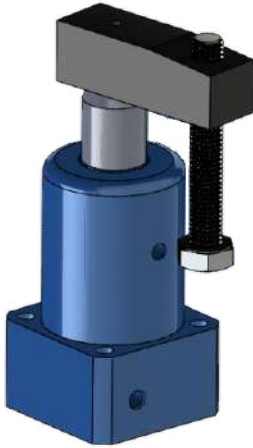
$$F = \frac{F_1 \times \cos \theta \times L_1}{L_2}$$



Çap / Bore (mm)	20 / 25	32 / 40	50 / 63
Çalışma Şekli / Acting Type	Çift Etkili / Double Acting		
Dönme Açısı / Swivel Angle	0		
Dönme Yönü / Swivel Direction	Yukarı, Aşağı / Up, Down		
Akışkan / Fluid	Hava / Air		

Çap Bore (mm)	L1	L2	L3	F(N) Arka/Back	F(N) Ön/Front
25	16,5	30	35	49	41
32	17	29	37	80	69
40	20	31	38	125	113,5
50	20	35	43	196	175,5
63	20	44	52	311	290

Çap Bore (mm)	A	B	C	D	E	F	R	S	T1	P1	T	a°	b°	Strok Stroke	L1	L2	L3	M
25	114	73	51	42	13	57	8.5	40	28	M6 X 1.0	M5 X 0.8	4	81	20	14	38.5	5	M6 X 1.0
32	125	82.5	54.5	50	16	60	10	44	34	M6 X 1.0	G 1/8	1.7	73.7	20	17	37	7	M8 X 1.25
40	132	92	61	58.5	16	63	10	52	40	M8 X 1.25	G 1/8	1.4	73.7	25	20	36	7	M8 X 1.25
50	149	104	68	71.5	22	70	11	62	48	M8 X 1.25	G 1/4	2.4	72.4	30	24	38	8	M10 X 1.25
63	158	119	77	84.5	22	70	12	75	60	M8 X 1.25	G 1/4	1.9	67.3	35	30	32	8	M10 X 1.25



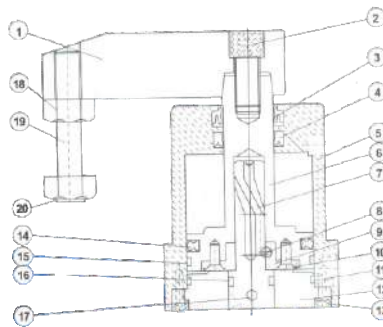
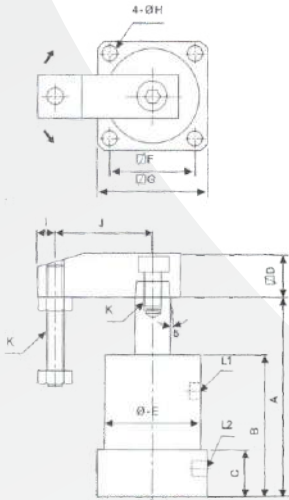
L: Sola Dönüş / Turn Left
R: Sağa Dönüş / Turn Right
S: Başlama Noktası / Starting Point

Sipariş Kodu / Ordering Code

AS1	R	40	90	S
Manyetik / Magnet				
Dönme Açısı / Swivel Angle				
Çap / Bore Size (mm)				
Dönüş Yönü / Rotation Way				
Model / Model				

Çap / Bore (mm)	25 / 32	40	50 / 63
Çalışma Şekli / Acting Type	Çift Etkili / Double Acting		
Dönme Açısı / Swivel Angle	90° / 180° ±2°		
Dönme Yönü / Swivel Direction	Sol ve Sağ / Left or Right		
Dönme Stroku / Swivel Stroke (mm)	12 - 90 21 - 180	14 - 90 21 - 180	15 - 90 21 - 180
Kenetleme Stroku / Clamp Stroke (mm)	12 - 90 21 - 180	15 - 90 6 - 180	15 - 90 6 - 180
Akışkan / Fluid	Hava / Air		
Çalışma Basıncı / Working Pressure	9 bar		

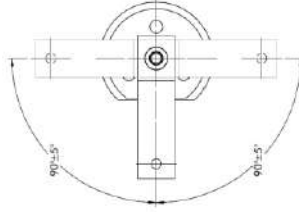
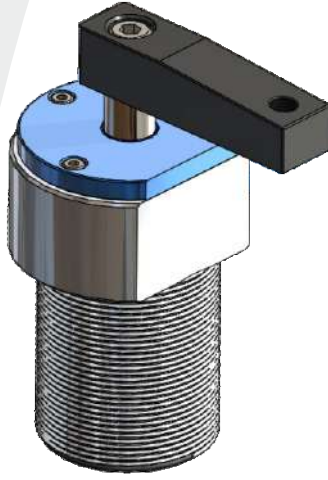
Çap Bore (mm)	A	B	C	D	E	F	G	H	I	J	K	L1/L2	M
25	95	65	23	16	35	31	40	4.5	8	30	M6X1.0	M5X0.8	6
32	102	73	23	19	50	44	54	6.5	9	50	M8X1.25	G 1/8	8
40	106	74	26	19	55	48	58	6.5	9	50	M8X1.25	G 1/8	8
50	113	80	26	25.4	60	55	68	8.5	10	70	M10X1.5	G 1/8	8
63	119	86	30	25.4	70	64	82	8.5	10	70	M10X1.5	G 1/8	8



No	Parça adı / Part name	Adet Qty.
1	Plaka / Plate	1
2	Altı Köşe Somun / Hex. Nut	1
3	Toz Keçesi / Dust Seal	1
4	Mil Keçesi / Rod Seal	1
5	Gövde / Body	1
6	Mil / Rod	1
7	Pilot Ucu / Pilot Pin	1
8	Çelik Bilye / Steel Ball	3
9	Sabitleme Halkası / Holding Ring	1
10	Vida / Screw	3
11	Kapak O-ring / Cover o-ring	1
12	Arka Kapak / Rear Cover	1
13	İmiz Cıvatası / Hex. Bolt	6
14	Piston Keçesi / Piston Packing	1
15	Aşınma Halkası / Wearing	1
16	O-ring / O-ring	1
17	Pilot Ucu / Pilot Pin	1
18	Altı Köşe Somun / Hex. Nut	1
19	Plaka Cıvatası / Plate Screw	1
20	Baskı Somunu / Press Nut	1

Kuvvet / Force (kg)

Çap Bore (mm)	Ø Mil / Ø Rod (mm)	Etkin Alan Pressure Area (cm²)	Çalışma Basıncı / Working Pressure (bar)							
			2	3	4	5	6	7	8	9
25	14	3.4	6.8	10.2	13.6	17	20.4	23.8	27.2	30.6
32	16	6.0	12	18	24	30	36	42	48	54
40	16	10.5	21	31.5	42	52.5	63	73.5	84	94.5
50	20	16.5	33	49.5	66	82.5	99	115.5	132	148.5
63	20	28	56	84	112	140	168	196	224	252



L: Sola Dönüş / Turn Left
R: Sağa Dönüş / Turn Right
S: Başlama Noktası / Starting Point

Sipariş Kodu / Ordering Code

K89Y R 40 90 S

Manyetik / Magnet

Dönme Açısı / Swivel Angle

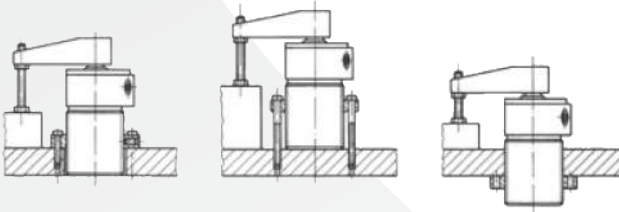
Çap / Bore Size (mm)

Dönüş Yönü / Rotation Way

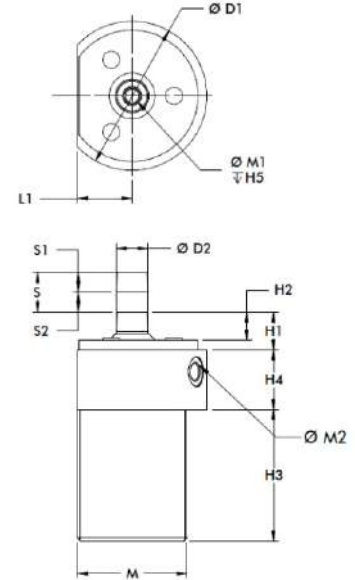
Model / Model

Çap / Bore (mm)	20 / 32	40	50 / 63
Çalışma Şekli / Acting Type	Çift Etkili / Double Acting		
Dönme Açısı / Swivel Angle	90° ± 5°		
Dönme Yönü / Swivel Direction	Sol ve Sağ / Left or Right		
Akışkan / Fluid	Hava / Air		
Çalışma Basıncı / Working Pressure	6 bar		

Çap Bore (mm)	Strok Stroke (mm)	Dönme Stroğu Travel During Rotation (mm)	Dikey Tutma Stroğu Vertical Clamp Stroke (mm)	Klemp Hacmi Clamp Volume (cm ³)	Klemp Kuvveti Clamp Force 6bar (87psi) N	Ağırlık Weight kg
20	20	10	10	4.71	97	0.28
32	21	11	10	12.47	280	0.40
40	24	14	10	25.34	460	0.71
50	40	15	25	68.37	865	1.32
63	26	18	8	72.89	1330	2.10



Montaj Şekli



Çap Bore (mm)	ØD1	ØD2	H1	H2	H3	H4	H5	L1	M	M1	M2
20	48	10	17.5	9.5	60	28	15	19	M36X1.5	M5	M5
32	64	12	16	11	69	25		22.5	M42X1.5	M6	M5
40	75	16	19	14	66	35	17	27.5	M55X2	M8	G1/8
50	90	18	25	17	104		25	34.5	M68X2	M10	G1/8
63	105	20	27	19	77	38	20	40	M80X2	M10	G1/4



Sipariş Kodu / Ordering Code

KCL 40 R 90 S

Manyetik / Magnet

Dönme Açısı / Swivel Angle

Dönüş Yönü / Rotation Way

Çap / Bore Size (mm)

Model / Model

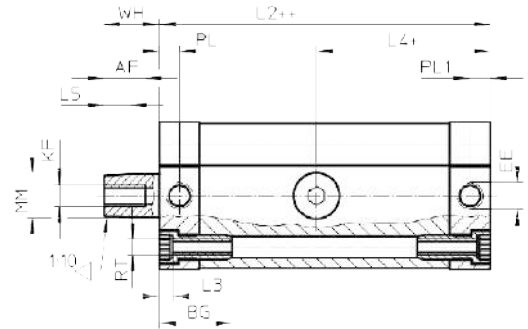
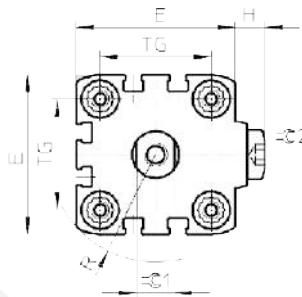
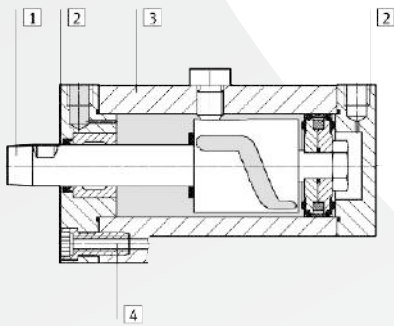
İşletme basıncı / Operating pressure [bar]

2 ... 10

Ortam Sıcaklığı¹ / Ambient temperature [°C]

-10 ... +80

Çap / Bore (mm)	12	16	20	25	32	40	50	63
Pnömatik Bağlantı / Pneumatic Connection	M5	M5	M5	M5	G1/8	G1/8	G1/8	G1/8
Piston Mili Dişi / Piston Rod Thread	M3	M4	M6	M6	M8	M8	M10	M10
İşletim Ortamı / Operating medium	ISO 8573-1: 2010 [7: 4: 4'e göre basınçlı hava / Compressed air to ISO 8573-1:2010 [7:4:4							
İşletim / Pilot Ortamı / Operating/Pilot Medium	Yağlanmış operasyon mümkün. / Lubricated operation possible							
Tasarım / Design	Piston, Piston Kolu, Silindir Namlu / Piston, Piston Rod, Cylinder barrel							
Yastıklama / Cushioning	Her iki uçta elastik yastıklama halkaları / pedleri. / Elastic cushioning rings/pads at both ends.							
Konum Algılama / Position Sensing	Yakınlık sensörü için / For proximity sensor							
Montaj Türü / Type Of Mounting	Açık delikli, Dişi dişli, Aksesuarlar aracılığıyla / With through-hole, With female thread, Via accessories							
Montaj Konumu / Mounting position	Hiç / Any							
Clamping range / Sıkıştırma aralığı	Son konuma ulaşılmadan önce ≥ 2 mm / ≥ 2 mm before the end position is reached							
Sıkıştırma Stroku ¹ / Clamping stroke ¹ [mm]	10	20	10	20	10	20	10	20
Toplam Strok / Total stroke ² [mm]	19	29	20	30	22	32	23	33
Dönme yönü / Swivel Direction	Sağ - Sol / Right - Left				Sağ - Sol - Düz / Right-Left-Straight			
Dönme Açısı/ Swivel Angle [°]	90 $\pm$ 4	90 $\pm$ 4	90 $\pm$ 3	90 $\pm$ 3	90 $\pm$ 2	90 $\pm$ 2	90 $\pm$ 2	90 $\pm$ 2



Çap Bore (mm)	AF	BG	B	E	EE	H	KF	L1	L2	L3	L4	L5	MmØ	PL	PI1	R	RT	TG	WH			
																				K11-R8	±0.1	±0.2
12	10	17	-	27.5	M5	3.25	M3	-	60.6	3.5	21.8	4.9	6	6	15.1	18.2	M4	16	10.9	-	5	3
16	12	17	-	29	M5	3.25	M4	-	62.5	3.5	23.5	4.9	8	6.5	15	19.3	M4	18	10.9	-	7	3
20	15	19.5	-	35.5	M5	4.75	M6	-	79.5	4.6	43.8	7.4	12	6	6	23.7	M5	22	16.4	-	10	5
25	15	19.5	28.4	39.5	M5	4.75	M6	8.1	82.5	4.6	46.55	7.4	12	6	6	26.3	M50	26	16.4	24.5	10	5
32	15	26	32.2	47	G1/8	8.9	M8	8.1	101	4.6	53.05	9.9	16	7.5	7.5	31.5	M6	32.5	20.4	28.5	13	6
40	15	26	32.2	54.5	G1/8	10.15	M8	8.1	102.5	4.6	54.3	9.9	16	7.5	7.5	36.7	M6	38	20.4	28.5	13	6
50	15	27	38.2	65.5	G1/8	12.7	M10	7.65	117.9	4.6	58.8	10.3	20	7.5	7.5	44.3	M8	46.5	20.8	28.5	17	8
63	15	27	38.2	75.5	G1/8	14.2	M10	7.65	124.9	4.6	62.75	10.3	20	7.5	7.5	51.5	M8	56.5	20.8	28.5	17	8

Sipariş Kodu / Ordering Code

KCPR 25 S 90

Derece / Degrees

Manyetik / Magnet

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

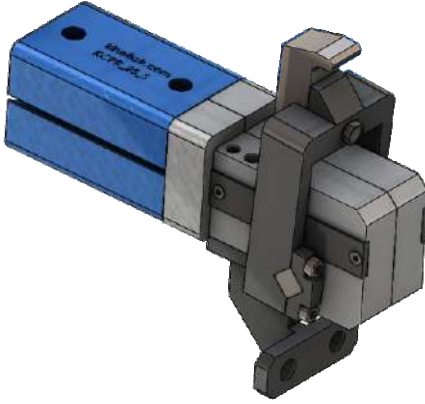
Çap / Bore Size (mm)

25 - 32 - 40 - 50 - 63 mm

Derece / Degrees

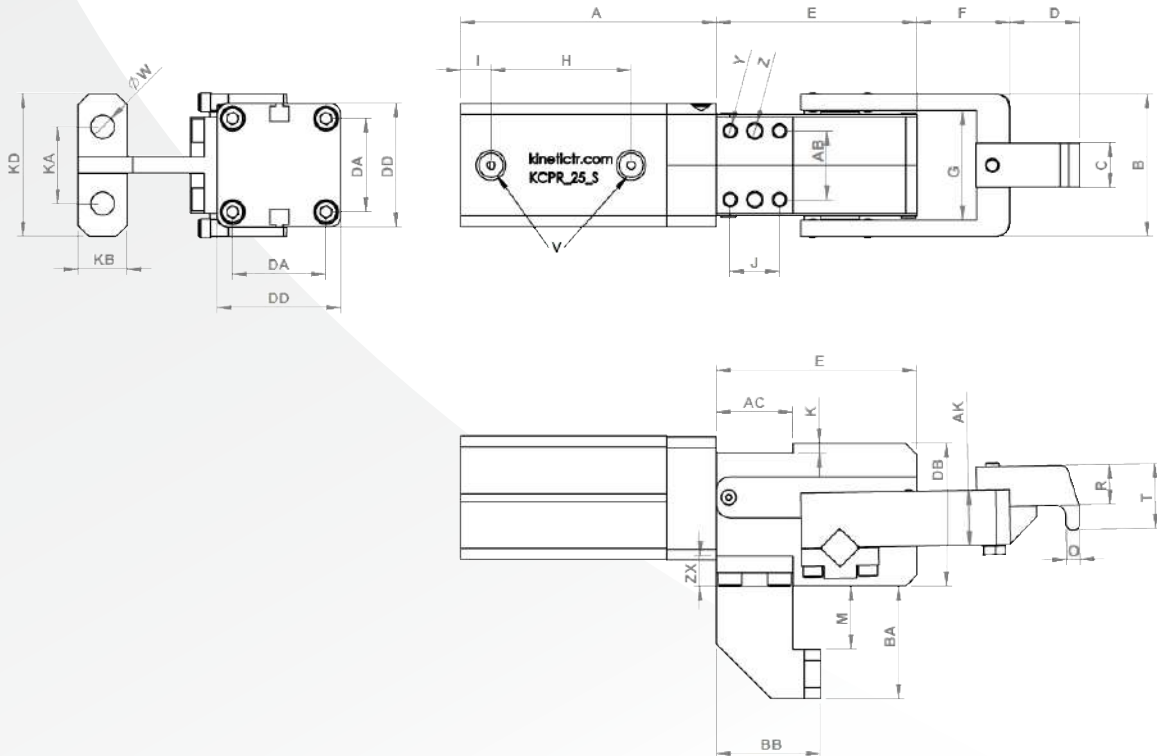
30 - 45 - 60 - 90

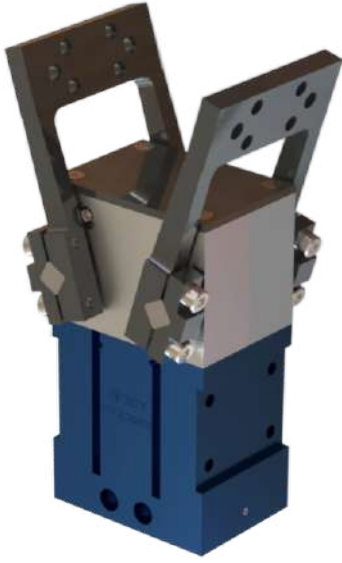
Manyetik / Magnet



Çap Bore (mm)	A	B	C	D	E	F	G	H	I	J	K	M	AB	ZX
KCPR 25	93	52	16	25.5	73	33.5	40	51	11	18	3.6	23	25	11

Çap Bore (mm)	O	R	T	V	Y	Z	ØW	AC	AK	BA	BB	DA	DB	DD	KA	KB	KD
KCPR 25	5	14.5	23.5	G1/8	M5	M6	8.5	28	15	41	38	34	52	45	28	18	52





Sipariş Kodu / Ordering Code

KGK 40 S 90

Derece / Degrees

Manyetik / Magnet

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

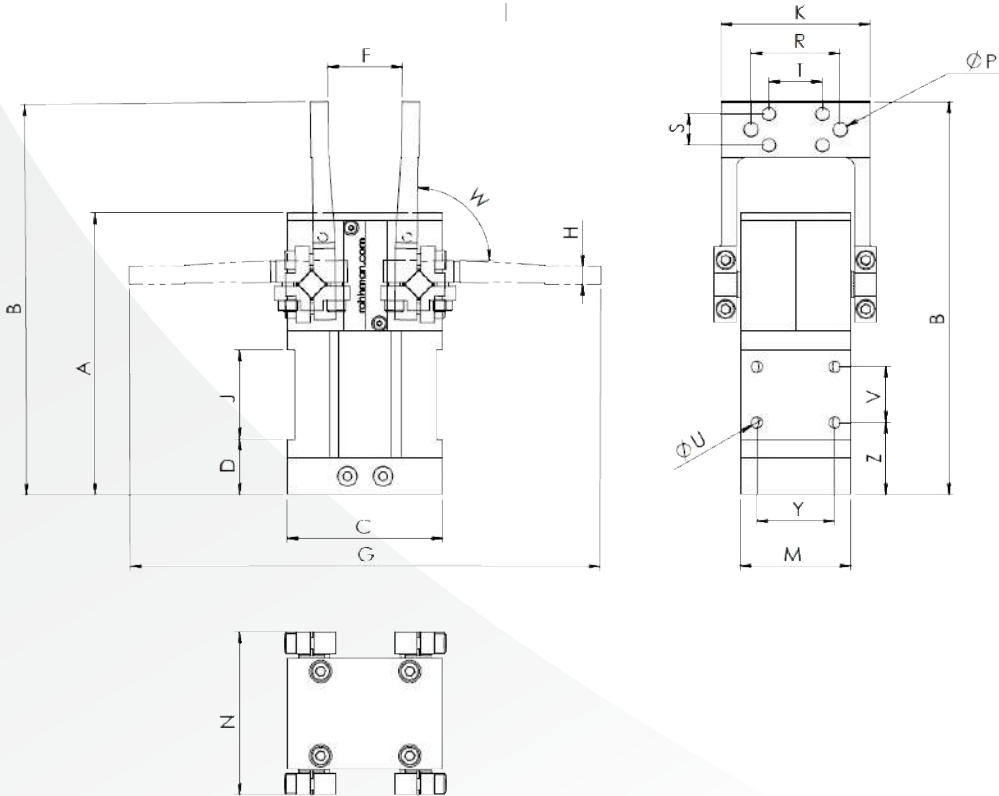
40 mm

Derece / Degrees

90

Manyetik / Magnet

Çap Bore (mm)	A	B	C	D	F	G	H	J	K	M	N	P	R	T	V	Y	Z	W	S	U	E
KGK 40	126.5	176.5	70	25	33	212	8	40	67	50	73	M8	40	24	25	35	32.5	90	14	M6	G1/8





Sipariş Kodu / Ordering Code

KPM 20 80 M

Manyetik / Magnetic

Bağlantı Eksenli / Mountage

Gövde / Body Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Gövde / Body Size (mm)

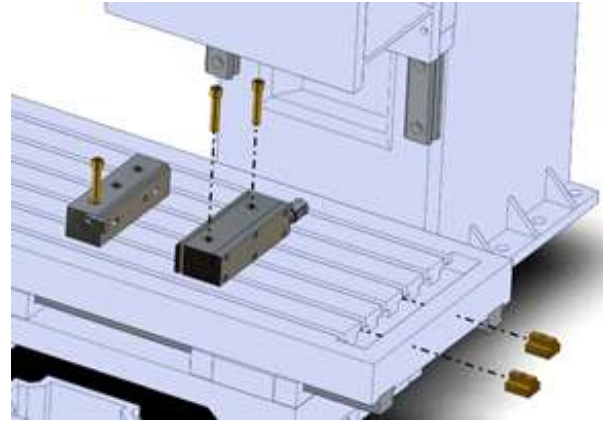
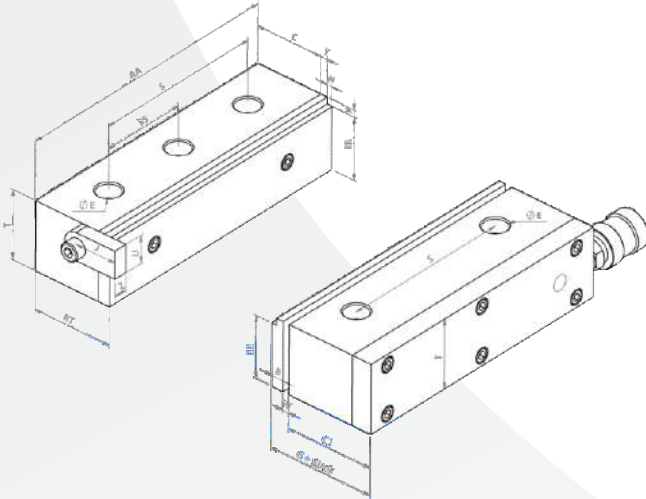
180 - 200 mm

Bağlantı / Mountage

80 mm - 100 mm - 125 mm

Manyetik / Magnet

MODEL	AA	B	T	E	C	S	H	Y	G	V
PM20-80	200	9	50	Ø14	50	80	4	5	74	M12
PM18-100	180	9	50	Ø14	50	100	4	5	74	M12
PM20-125	200	9	50	Ø14	50	125	4	5	74	M12



Montaj Şekli / Mountage

Özellikleri;

Çene ölçüsü: 200 x 49.6 mm
Ayna çene malzemesi: alüminyum
Gövde malzemesi: alüminyum döküm sert anodize
Min. Çalışma Basıncı: 2 bar
Strok: 5 mm
Çift taraflı hareket
Değiştirilebilir ayna çeneleri
İş parçası dayama özelliği

Kuvvet;

2 bar: 120,18 Kg
4 bar: 204,36 Kg
6 bar: 306,54 Kg
8 bar: 408,72 Kg
10 bar: 510,90 Kg



Sipariş Kodu / Ordering Code

MHZ2 16 D

Tesir / Action

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

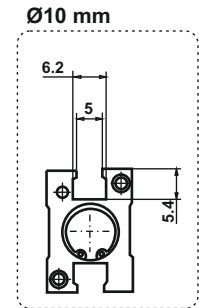
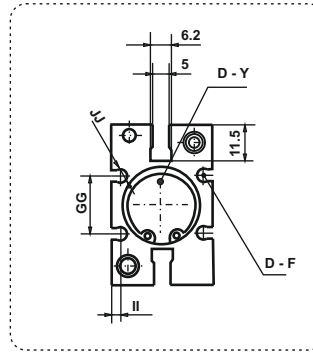
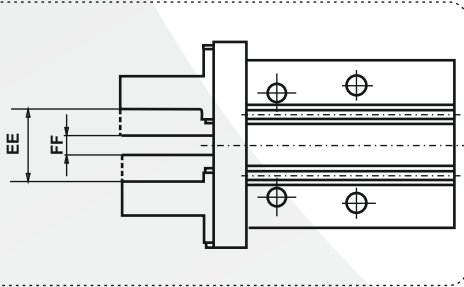
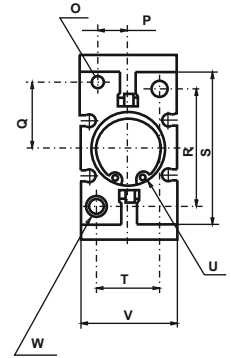
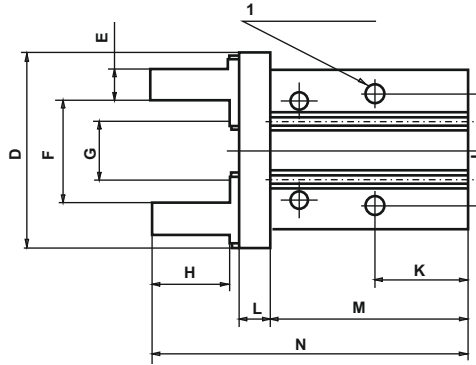
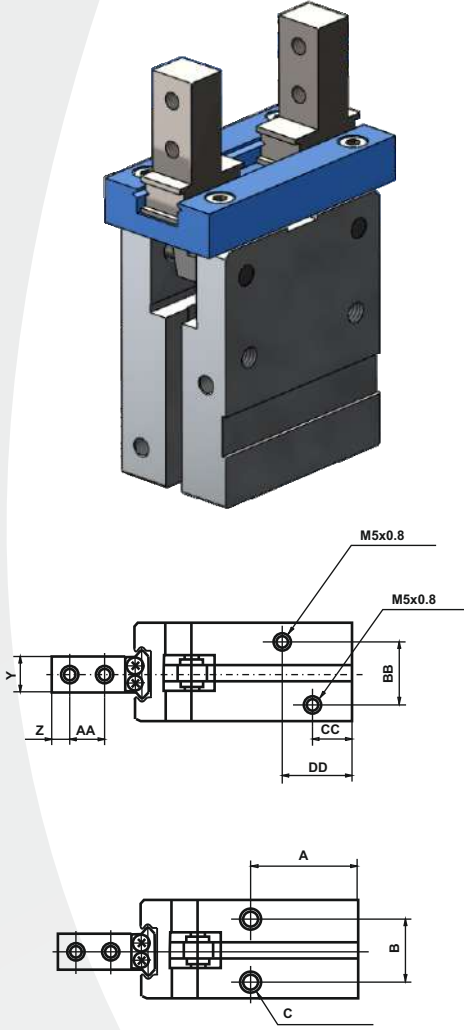
Çap / Bore Size (mm)

012 - 016 - 020 - 025 - 032 - 040 mm

Manyetik / Magnet

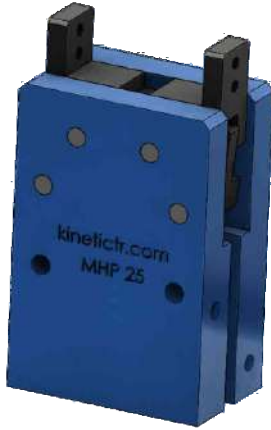
D Çift Etkili / Double Action

S Tek Etkili / Single Action



Bore (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
10	27	11.4	M3x0.5-6	29	4 ⁰ _{-0.1}	15.2 ^{+2.2} ₀	11.2 ⁰ _{-0.7}	12	M3x5-5.5	16	23	6	37.8	57	Ø2H9 ^{+0.025} ₀	5.2±0.02	7.6±0.02	18	23	12
16	30	16	M4x0.7-4.5	38	5 ⁰ _{-0.1}	20.9 ^{+2.2} ₀	14.9 ⁰ _{-0.7}	15	M4x0.7-8	24	24.5	7.5	42.5	67.3	Ø3H9 ^{+0.025} ₀	6.5±0.02	11±0.02	22	30.6	15
20	35	18.6	M5x0.8-8	50	8 ⁰ _{-0.1}	26.3 ^{+2.2} ₀	16.3 ⁰ _{-0.7}	20	M5x8-10	30	29	9.5	52.8	84.6	Ø4H9 ^{+0.030} ₀	7.5±0.02	16.8±0.02	32	42	18
25	36.5	22	M6x1-10	63	10 ⁰ _{-0.1}	33.3 ^{+2.2} ₀	19.3 ⁰ _{-0.7}	25	M6x1-12	36	30	11	63.6	102.7	Ø4H9 ^{+0.030} ₀	10±0.02	21.8±0.02	40	52	22

Bore (mm)	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ
10	5.2±0.02	16.4±0.05	M3x0.5-6	M2.5x0.45	5 ⁰ _{-0.05}	3	5.7	11	9	19	9.7 ^{+2.2} ₀	5.7 ⁰ _{-0.4}	-	5.4	-	-
16	6.5±0.02	23.6±0.05	M4x0.7-8	M3x0.5	8 ⁰ _{-0.05}	4	7	13	7.5	19	12.6 ^{+2.2} ₀	6.6 ⁰ _{-0.4}	11.6	5.8	2.1	Ø4
20	7.5±0.02	27.6±0.05	M5x8-10	M4x0.7	10 ⁰ _{-0.05}	5	9	15	10	23	17.2 ^{+2.2} ₀	7.2 ⁰ _{-0.4}	14	9	2.1	Ø4
25	10±0.02	33.6±0.05	M6x1-12	M5x0.8	12 ⁰ _{-0.05}	6	12	20	10.7	23.5	22.8 ^{+2.2} ₀	8.8 ⁰ _{-0.4}	19	11.5	3.5	Ø4



Sipariş Kodu / Ordering Code

MHP 16 D

Tesir / Action

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

016 - 020 - 025 - 032 - 040 mm

Manyetik / Magnet

D Çift Etkili / Double Action

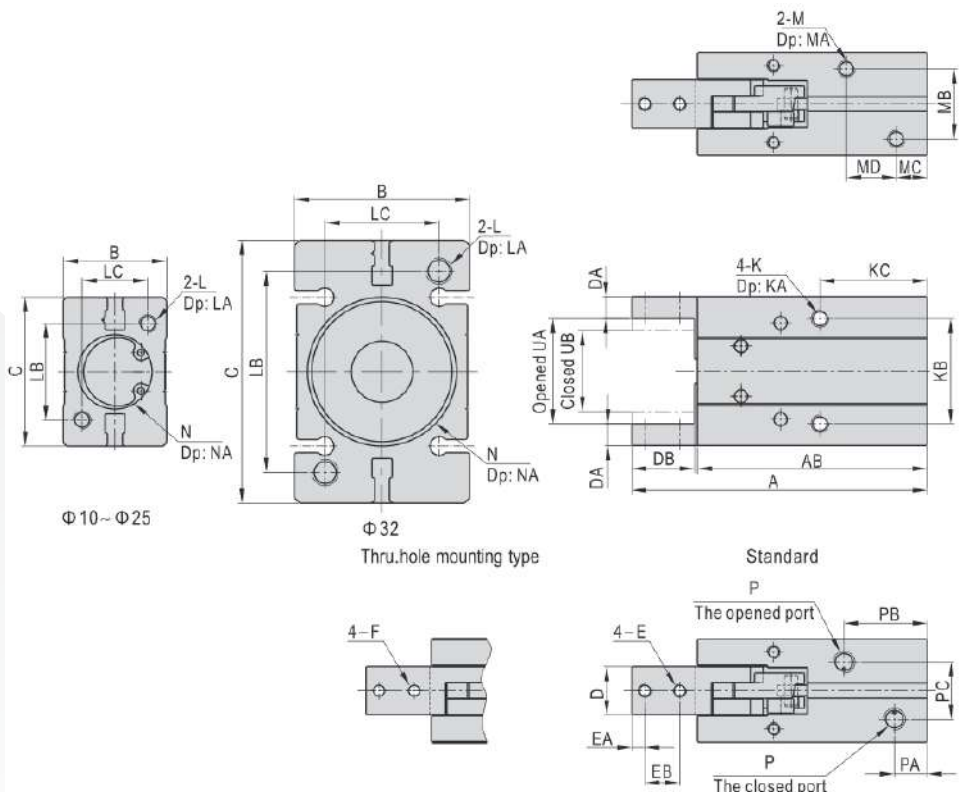
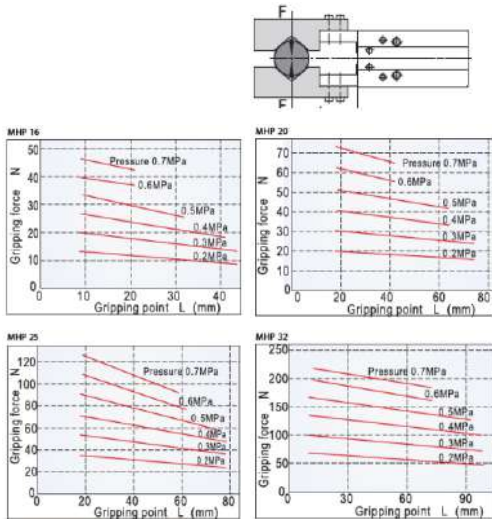
S Tek Etkili / Single Action

Model	A	AB	B	C	D	DA	DB	EA	E	EB	K	F	KA	KB	KC	L	LA	LB	LC	M
MHP 16	72	56.5	23.5	34	11	5	15	4	M3x0.5	7	M4x0.7	Ø3.3	8	24	29	M4x0.7	8	22	15	M4x0.7
MHP 20	89.5	69	27.5	45	12	6	20	5	M4x0.7	9	M5x0.8	Ø4.5	10	30	34	M5x0.8	10	32	18	M5x0.8
MHP 25	104.5	78.5	33.5	52	14	8	25	6	M5x0.8	12	M6x1.0	Ø5.5	12	36	31.5	M6x1.0	12	40	22	M6x1.0
MHP 32	118	88	40	60	18	9	29	7	M6x1.0	14	M6x1.0	Ø6.5	12	46	37.5	M6x1.0	12	46	26	M6x1.0

Model	MA	MB	MC	MD	N	NA	P	PA	PB	PC	UA (Opened)	UB (Closed)
MHP 16	8	16	6	16	Ø17	1.2	M5x0.8	7.5	20	13	23.5	15.5
MHP 20	10	18	8	16	Ø21	1.2	M5x0.8	7.5	24	15	32.5	20.5
MHP 25	12	24	8	16	Ø26	1.5	M5x0.8	8	22	20	35.5	21.5
MHP 32	12	30	8	20	Ø34	1.5	M5x0.8	9.5	26	22	42	26.5

Çift Etk. Kapalı Tutma Kuvveti

Double Acting Type Closed Gripping Force





Sipariş Kodu / Ordering Code

KMG 50

Çap / Bore Size (mm)

Model / Model

Model / Model Type

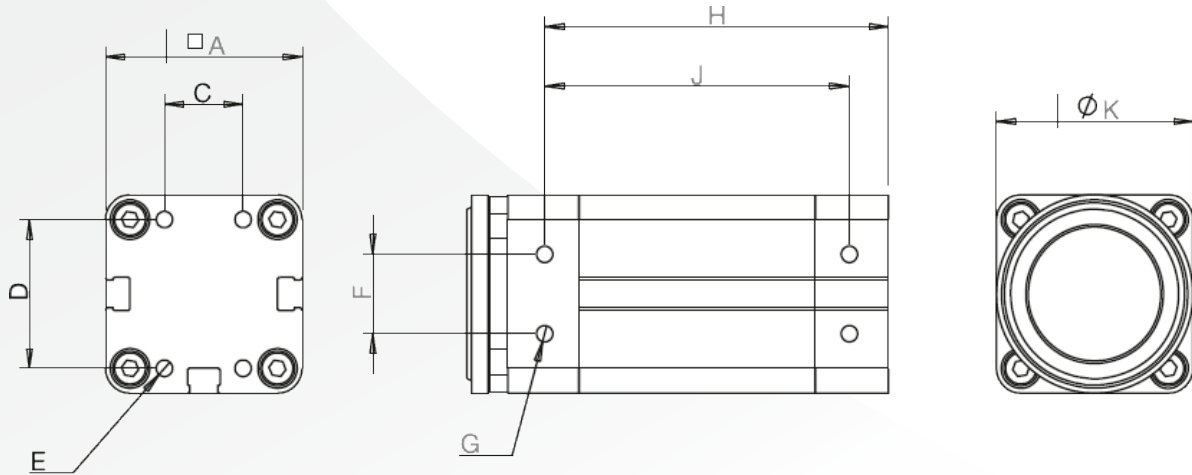
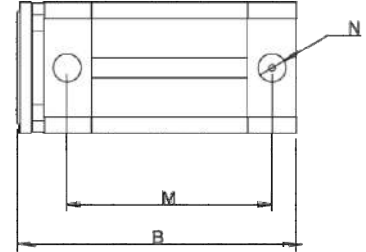
Ürün Model Kodu / Product Model Code

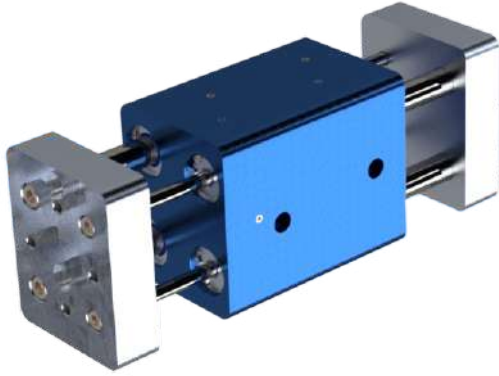
Çap / Bore (mm)

25 - 32 - 40 - 50 mm

Çap Bore (mm)	A	B	C	D	E	F	G	H	J	K
25	40	86	16	30	M4 x 8	16	M4 x 6	70	62	40
32	50	89	20	33	M4 x 8	23	M4 x 8	74	66.5	50
40	58	91.5	26	44	M6 x 12	28	M5 x 10	73	64.5	50
50	63	101	30	50	M6 x 12	34	M5 x 10	83	73	63

Çap / Bore	25	32	40	50
Akışkan / Fluid	Hava / Air			
Çalışma Basınç Aralığı / Working Pressure Range	1 ~ 9,0 kgf/cm ²			
Maximum Basınç Dayanımı / Max. Pressure Resistance	13,5 kgf/cm ²			
Çalışma Sıcaklık Aralığı / Working Temperature Range	0 ~ 70 °C			
Çalışma Hız Aralığı / Working Speed Range	50 ~ 800 mm/sec			





Sipariş Kodu / Ordering Code

MGPB 32

Çap / Bore Size (mm)

Model / Model

Model / Model Type

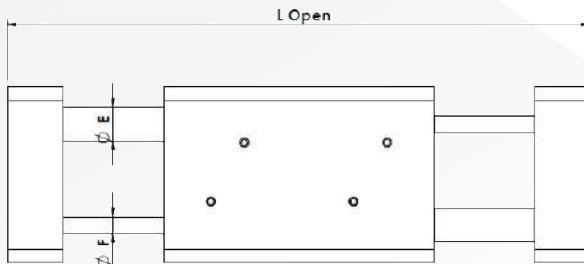
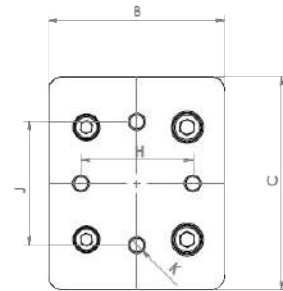
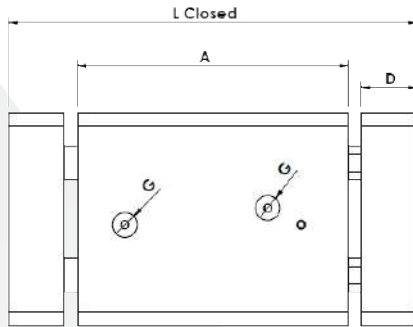
Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

32 mm

Çap Bore (mm)	A	B	C	D	ØE	ØF	G	H	J	K	L Open	L Closed
32	97	63	76	20	12	6	1/8	40	44	M6 X 10	209	147

Çap / Bore	32
Akışkan / Fluid	Hava / Air
Çalışma Basınç Aralığı / Working Pressure Range	1 ~ 9,0 kgf/cm ²
Maximum Basınç Dayanımı / Max. Pressure Resistance	13,5 kgf/cm ²
Çalışma Sıcaklık Aralığı / Working Temperature Range	0 ~ 70 °C
Çalışma Hız Aralığı / Working Speed Range	50 ~ 800 mm/sec





Sipariş Kodu / Ordering Code

RCYL 32 S 100

Strok / Stroke

Manyetik / Magnet

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

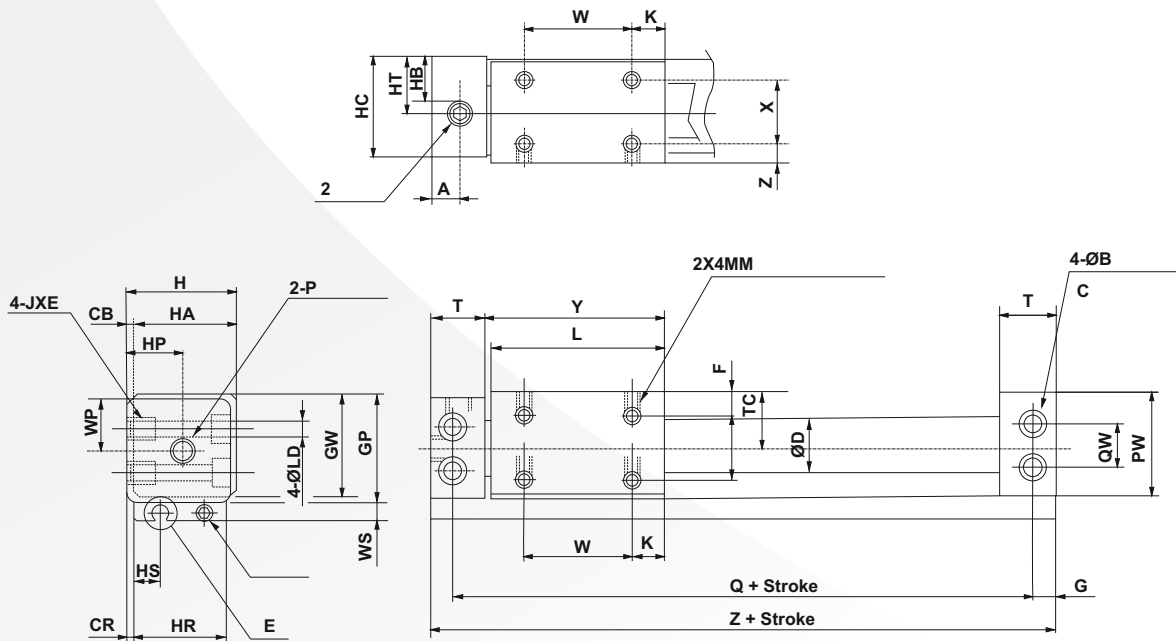
20 - 40 mm

Strok / Stroke

10 - 100 mm

Manyetik / Magnet

Ø (mm)	A	B	C	CB	CR	D	F	G	GP	GW	H	HA	HC	HP	HR	HS	HT	JXE	K	L	LD	M	MM	N	P	PW	Q	QW	T	W	WS	X	Y	Z
15	10.5	8	4.2	2	0.5	17	8	5	33	31.5	32	30	31	17	30	8.5	17	M5X0.8X7	14	53	4.3	5	M4X0.7	6	M5X0.8	32	84	18	19	25	7	18	54.5	94
20	9	9.5	5.2	3	1	22.8	9	6	39	37.5	39	36	38	24	36	7.5	24	M6X1X8	11	62	5.6	5	M4X0.7	7	Rc(PT)1/8	38	95	17	20.5	40	7	22	64	107
25	8.5	9.5	5.2	3	1	27.8	8.5	6	44	42.5	44	41	43	23.5	41	6.5	23.5	M4X1X8	15	70	5.6	6	M5X0.8	6.5	Rc(PT)1/8	43	105	20	21.5	40	7	28	72	117
32	10.5	11	6.5	3	1.5	35	10.5	7	55	53.5	55	52	54	29	51	7	29	M8X1.25X10	13	76	7	7	M6X1	8.5	Rc(PT)1/8	54	116	26	24	50	7	35	79	130
40	10	11	6.5	5	2	43	13	7	65	65.5	67	62	66	36	62	8	36	M8X1.25X10	15	90	7	8	M6X1	11	Rc(PT)1/4	64	134	34	26	60	7	40	93	148
50	14	14	8.2	5	2	53	17	8.5	83	81.5	85	80	84	45	80	9	45	M10X1.5X15	25	110	8.6	10	M8X1.25	15	Rc(PT)1/4	82	159	48	30	60	10	50	113	176
63	15	14	8.2	5	3	66	18	8.5	95	93.5	97	92	96	51	90	9.5	51	M10X1.5X15	24	118	8.6	10	M8X1.25	16	Rc(PT)1/4	94	171	60	32	70	10	60	121	188





Sipariş Kodu / Ordering Code

KHPA 13 80 10

İş Strok / Working Stroke (mm)

Strok / Stroke

Kuvvet / Force (ton)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Kuvvet / Force (ton)

1 - 100 ton

Strok / Stroke

10 mm - 1000 mm

İş Stroğu / Working Stroke

Kuvvet uygulanacak stroktur. / Force Stroke 3 - 100 mm



Kenetleme



Presleme



Montajlama



Birleştirme



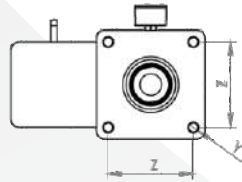
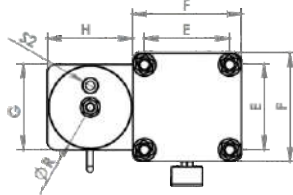
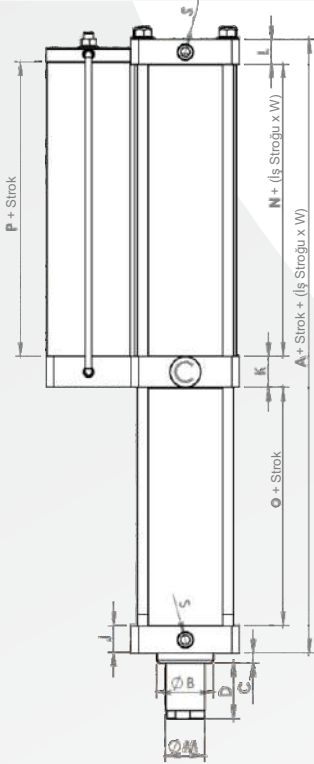
Form Verme



Perçinleme



Delme



Geniş çalışma aralığı (0,6 - 100 ton)

Hidrolik ünite yok! Sadece basınçlı sistem havasına ihtiyaç var

Otomatik aktivasyonlu iş stroğu

Ayarlanabilir iş stroğu

Ekonomik işletme maliyetleri

Temiz çalışma ortamı

Düşük gürültü düzeyi

Kolay kumanda sistemi

Kolay otomasyon sistemlerine adaptasyon

Kolay bakım

Bu Model Dikey Çalışmaya Uygunur.

Model	Kuvvet (kg)	Basınç (bar)	A	ØB	C	D	E	F	G	H	J	K	L	ØM	N	O	P	S	S2	Z	Y	W
KHPA13	13.188	7	577	72	13	72	110	140	110	110	35	40	32	Ø50	55	58	187	G1/2	G1/2	110	M14x2	16.5
KHPA7	6.933	7	423	65	13	62	90	113	88	88	35	40	25	Ø40	43	58	130	G1/2	G1/2	90	M14x2	14



Sipariş Kodu / Ordering Code

KHP 13 80 10

İş Strok / Working Stroke (mm)

Strok / Stroke

Kuvvet / Force (ton)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Kuvvet / Force (ton)

1 - 100 ton

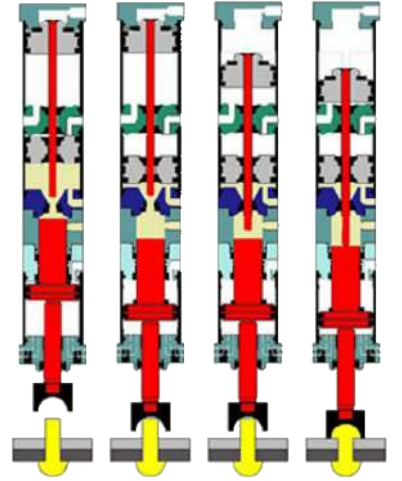
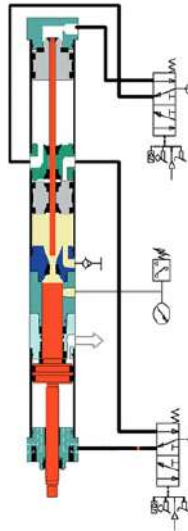
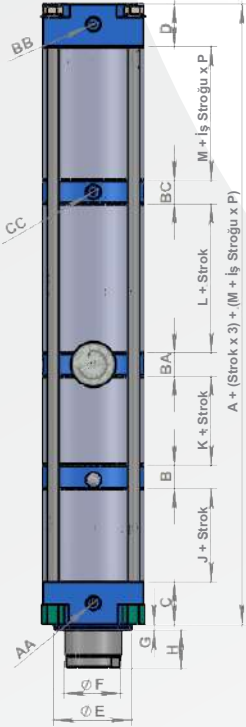
Strok / Stroke

10 mm - 1000 mm

İş Stroğu / Working Stroke

Kuvvet uygulanacak stroktur. / Force Stroke 3 - 100 mm

Model	Kuvvet (kg)	Başıncı (bar)	A	AA	B	BA	BC	C	CC	D	DD	ØE	ØF	FF	G	H	J	K	L	M	X	Y	W	P
KHP6	5785	7	138.7	G1/4	21	21	21	38	G1/4	38	G1/4	70	50	G1/4	5	18	34	30	83.67	39	M10x1.5	72	M22x1.5	16.2



Bu Model Yatay ve Dikey olarak çalışabilmektedir.

Hızlı Yaklaşma

Ana kontrol valfi açıldığında basınçlı hava piston bölgesine gider. Ana piston ve ayarlama pistonu az bir kuvvet ve yüksek hızla ileri hareket eder. Ayarlama pistonu yağ piston bölgesine öter. Ana mil çalışma pozisyonundaki yerini alır.

İş Stoğu

Basınçlı hava hız ayar valfinden geçerek dalma mili bölgesine giden hava yolunu açan 5/2 yön valfini tetikler. Dalma mili ilerler ve yüksek basınç keşesini geçtikten sonra yağ piston bölgesine sıkıştırır. Yağın sıkıştırılabilmesi için ana milin iş parçasına dayanması gereklidir. Bu direnç aktivasyonlu otomatik güç stroğunun ta kendisidir.

Geri Dönüş Stroku

Ana kontrol valfi başlangıç pozisyonuna getirildiğinde hava 5/2 yön valfi üzerinden tahliye edilir. Ana mil ve ayarlama mili başlangıç pozisyonlarına hızlı bir şekilde geri dönerler.



Sipariş Kodu / Ordering Code

CHPS 50 80 10

İş Strok / Working Stroke (mm)

Strok / Stroke

Kuvvet / Force (ton)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Kuvvet / Force (ton)

1 - 100 ton

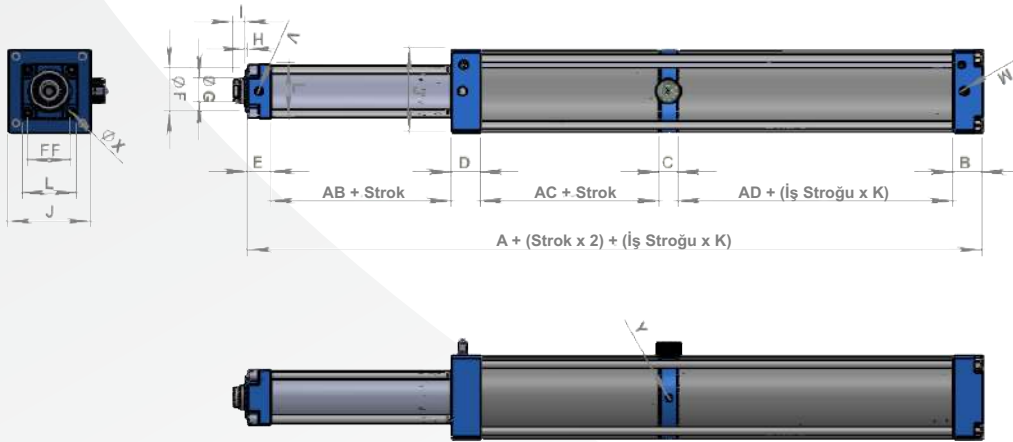
Strok / Stroke

10 mm - 1000 mm

İş Stroğu / Working Stroke

Kuvvet uygulanacak stroktur. / Force Stroke

Model	Kuvvet (kg)	Basınç (bar)	A	AB	AC	AD	B	C	D	E	ØF	ØG	FF	H	I	J	L	M	V	Y	ØX	K
CHPS7	6403	7	340	49	46	75	48	31	48	33	70	40	72	5	20	138	90	G1/4	G1/4	G1/8	M12 x 1.25	17.6



Bu Model Yatay ve Dikey olarak çalışabilmektedir.



Sipariş Kodu / Ordering Code

THP 07 B 10

İş Stroğu / Power Stroke

Seri / Series

Kuvvet / Force (ton)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Kuvvet / Force (ton)

02 - 05 - 07 - 13 - 20 - 28 ton

Seri / Series

B: Basic / Tamamen pnömatik ile çalışır

E: Eco

P: Profesional

İş Stroğu / Power Stroke

10 : 10 mm İş Stroğu (Standart) / Power Stroke

15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 mm : Opsiyonel İş Strokları / Optional

Model	A	B	C	D	E	F	G	H	I	L	S	T	U	V	Z	Y	K	X
THP 02	285	120	200	300	200	410	500	620	450	1180	18	10	8	7	60	45	31	16
THP 05	420	160	280	400	270	520	720	910	550	1400	21	12	9	8	70	50	46	18
THP 07	440	180	300	450	315	590	770	1000	620	1550	21	12	9	8	90	60	56	18
THP 13	470	200	350	500	385	650	860	1150	680	1750	28	16	12	10	110	70	75	25



Kenetleme



Presleme



Montajlama



Birleştirme



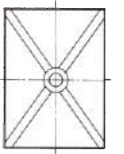
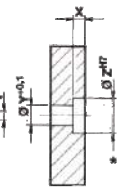
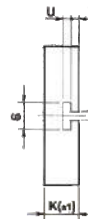
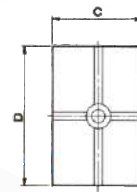
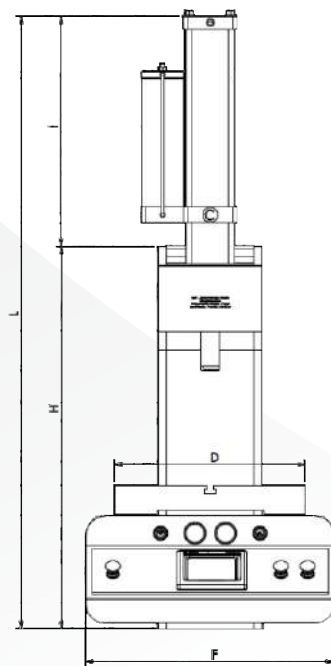
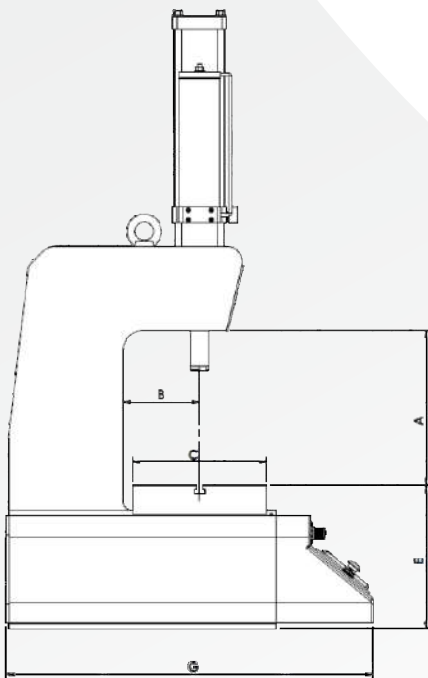
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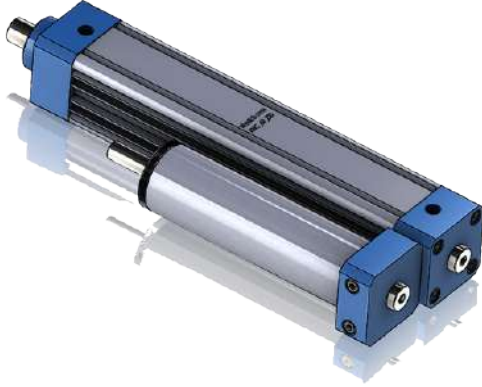


Perçinleme



Delme





Sipariş Kodu / Ordering Code

KHC 40 50 F

Kontrol / Control

Strok / Stroke (mm)

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

40 - 50 - 63 mm

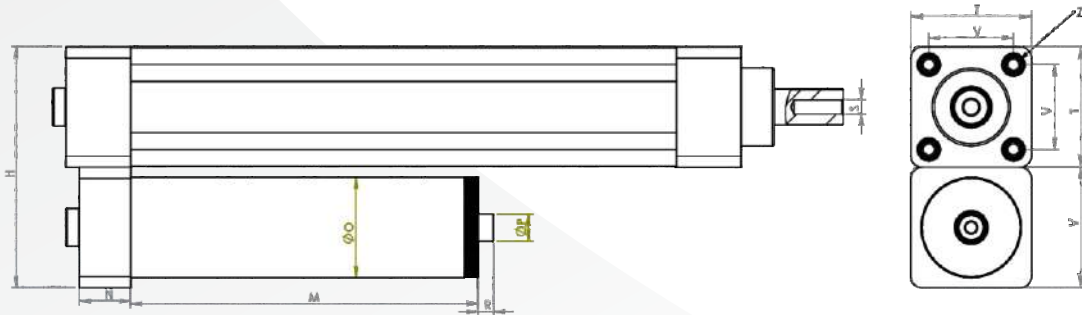
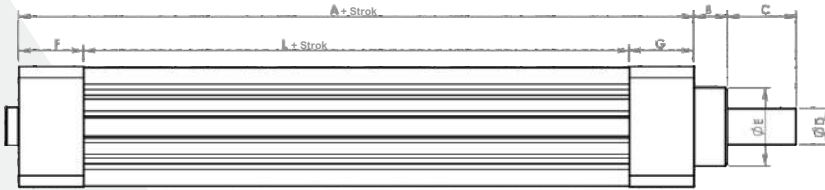
Strok / Stroke (mm)

25 mm - 1000 mm

Kontrol / Control

F: Uzaktan hız kontrolü yapılabilir. / Far Flow Control
N: Üzerinde hız kontrolü yapılır. / Compact Flow Control

Çap Bore (mm)	Ø Mil D	A	B	C	ØE	F	G	H	L	M	N	O	ØP	R	S	T	V	Z
40	16	83	15	16	35	29	29	96	25	100	23	45	12	20	M8x1.25	54	38	M6





Sipariş Kodu / Ordering Code

KATF 40 50 F

Kontrol / Control

Strok / Stroke (mm)

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

40 - 50 - 63 mm

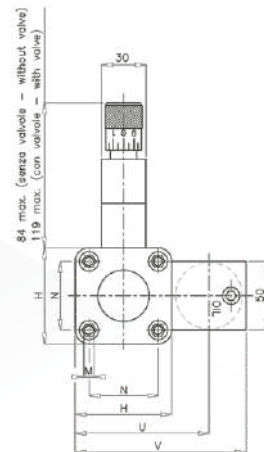
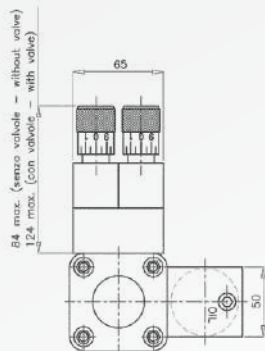
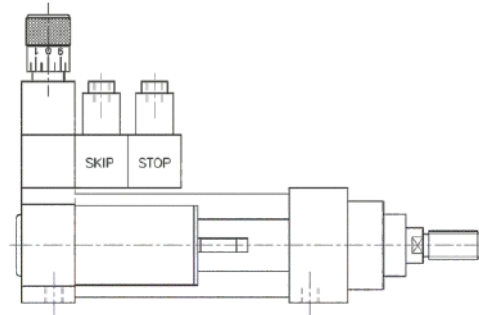
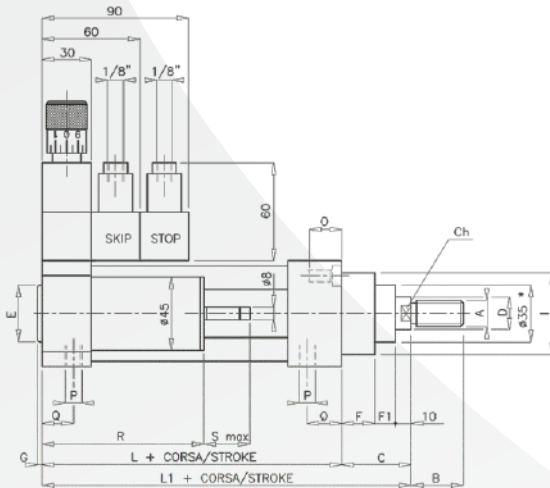
Strok / Stroke (mm)

25 mm - 1000 mm

Kontrol / Control

F: Uzaktan hız kontrolü yapılabilir. / Far Flow Control
N: Üzerinde hız kontrolü yapılır. / Compact Flow Control

Çap Bore (mm)	A	B	C	Ch	D	E	F	F1	G	H	I	L	L1	M	N	O	P	Q	U	V
50	M16x1,5	32	43	17	20	40	20	13	3	65	50	104	147	M8	46,5	17	1/8"	18	90	115
63	M16x1,5	32	43	17	20	45	20	13	4	75	50	104	147	M8	56,5	17	1/4"	18	100	125
80	M20x1,5	40	33	20	25	45	15	8	4	95	50	129	162	M10	72	24	3/8"	25	120	145
100	M20x1,5	40	33	20	25	55	10	13	5	115	55	129	162	M10	89	24	3/8"	25	140	165



Sipariş Kodu / Ordering Code

KBSST 40 1:25

Oran / Rate

Çap / Bore Size (mm)

Model / Model

Model / Model Type

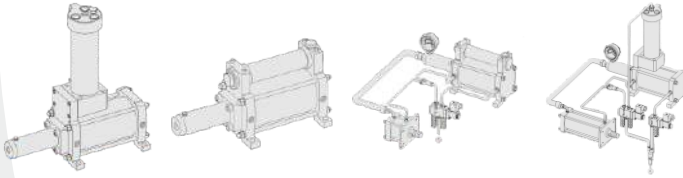
Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

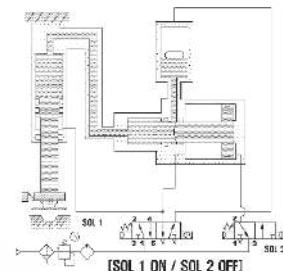
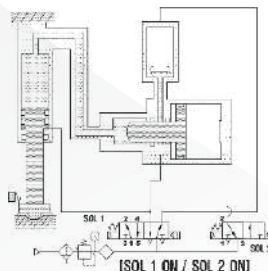
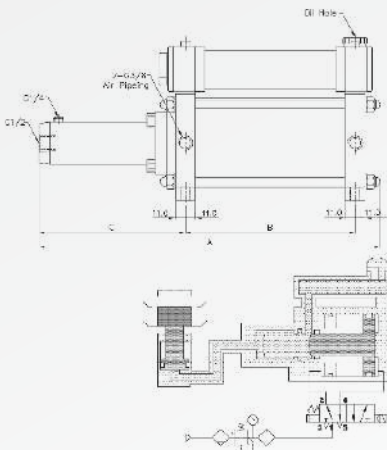
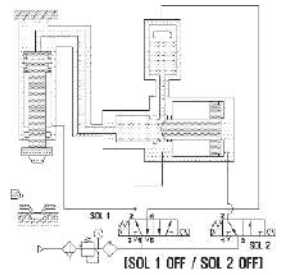
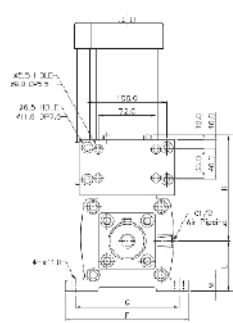
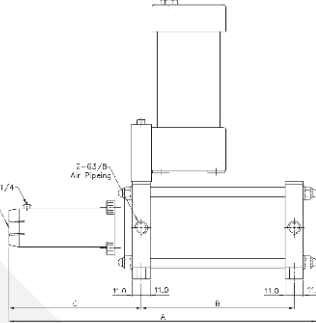
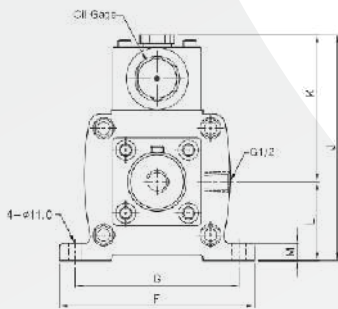
40 - 50 - 63 mm

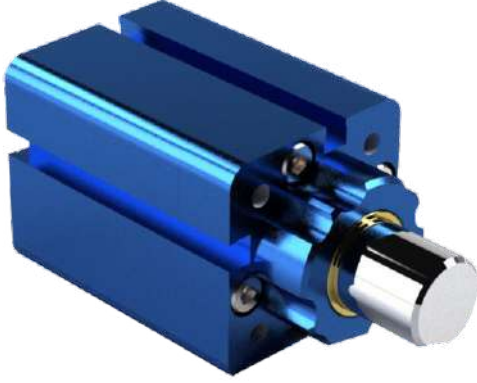
Oran / Rate

1:11 / 1:25 - 1:50



MODEL	A	B	C	F	G	J	K	L	M
KBSST-40-70	378	188	162.5	155	130	180	120	60	14
KBSST-40-100	478	238	212.5	155	130	180	120	60	14
KBSST-60-70	378	188	162.5	225	190	227	137	90	16
KBSST-60-100	478	238	212.5	225	190	227	137	90	16





Sipariş Kodu / Ordering Code

KSTPC 32

Çap / Bore Size (mm)

Model / Model

Model / Model Type

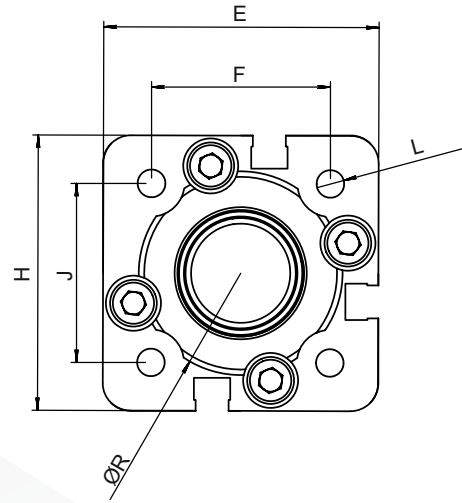
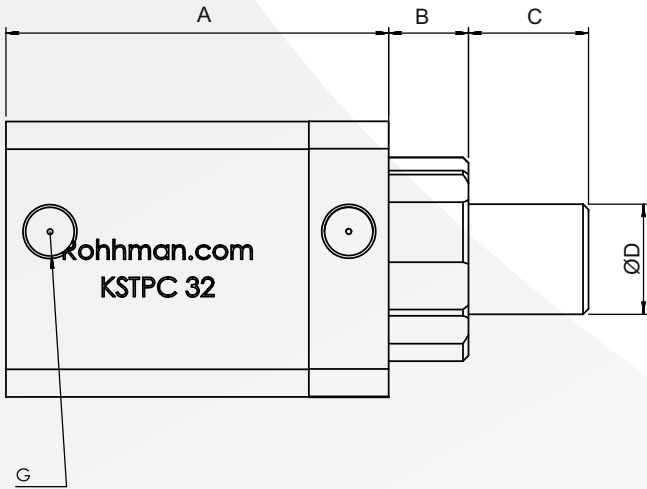
Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

32 mm

Çap Bore (mm)	A	B	C	D	E	F	G	H	J	R	L
32	69,50	14,50	21,80	20	50	32,50	1/8	50	32,50	18,50	M6 X 10

Çap / Bore	32
Akışkan / Fluid	Hava / Air
Çalışma Basınç Aralığı / Working Pressure Range	1 ~ 9,0 kgf/cm ²
Maximum Basınç Dayanımı / Max. Pressure Resistance	13,5 kgf/cm ²
Çalışma Sıcaklık Aralığı / Working Temperature Range	0 ~ 70 °C
Çalışma Hız Aralığı / Working Speed Range	50 ~ 800 mm/sec



PNÖMATİK STOPER FREN SİLİNDİRİ

PNEUMATIC STOPER BRAKE CYLINDER



Sipariş Kodu / Ordering Code

KRSQ 32 S 100

Strok / Stroke

Manyetik / Magnet

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

40 mm

Strok / Stroke

25 - 100 mm

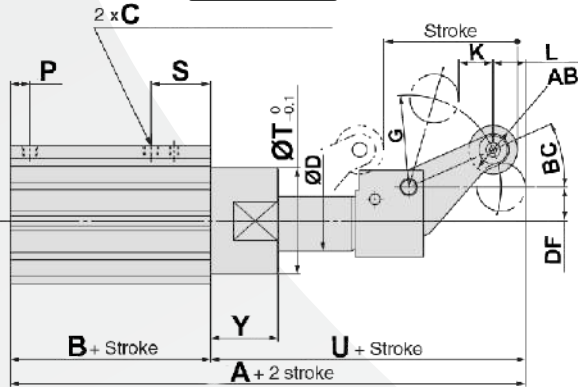
Manyetik / Magnet

S : Manyetik / Magnet

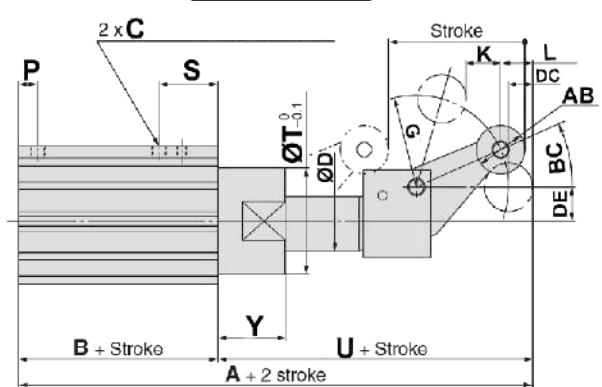
- : Manyetik Yok / No Magnet

Çap Bore (mm)	A	B	AB	BC	C	ØD	DE	DF	DC	E	G	I	J	K	L	M	MN	MM	MK	ØN	O	P	S	ØT	Z
32	120.5	48	ø15	30°	G1/8	ø20	-	10.5	-	45	R25	60	4.5	5°	10.5	34	14	6	-	5.5	9 depth 7	7.5	20	36	-
40	152.5	52.5	ø20	24°	G1/8	ø25	14	-	10	52	R38	69	5	14°	13.5	40	36	31	7.5	5.5	9 depth 7	8	24.5	44	14
50	154	54	ø20	G1/8	G1/8	ø25	14	-	10	64	R38	86	7	14	13.5	50	36	31	7.5	6.6	11 depth 8	8	24.5	56	19

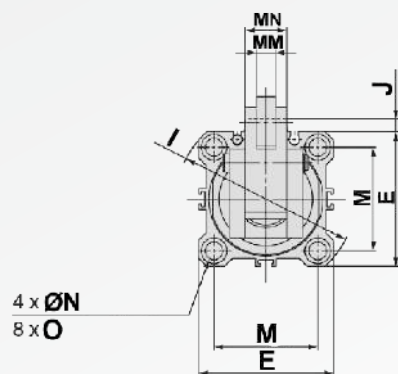
KRSQ 32



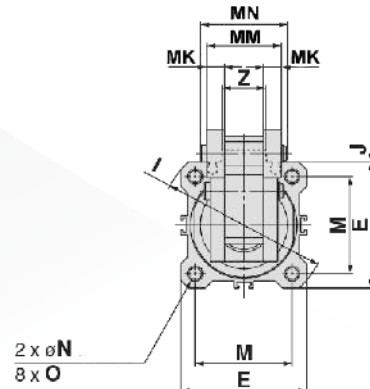
KRSQ 40-50

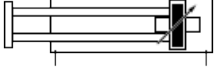


KRSQ 32



KRSQ 40-50





Sipariş Kodu / Ordering Code

KTWR 32 50 S

Manyetik / Magnet

Strok / Stroke

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

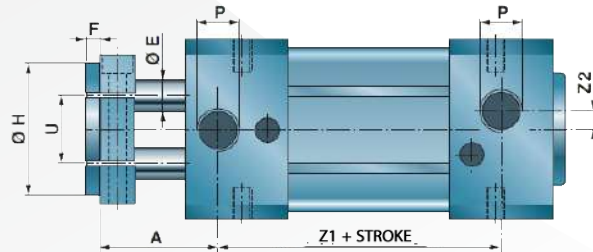
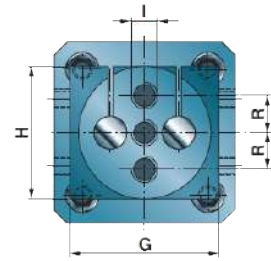
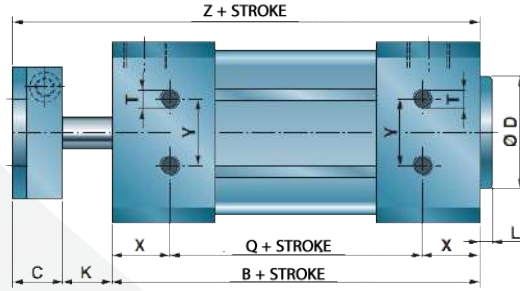
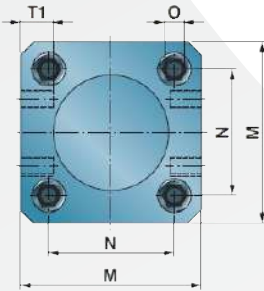
32 - 40 - 50 - 63 - 80 - 100 mm

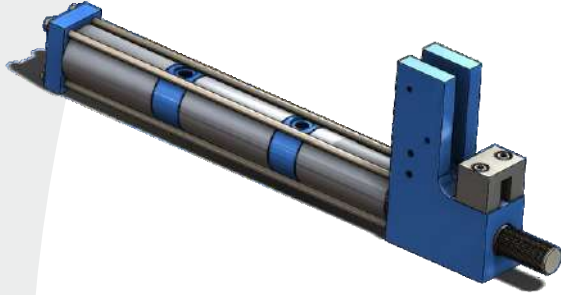
Strok / Stroke

20 - 1000 mm

Manyetik / Magnet

Çap Bore (mm)	A	B	C	ØD	ØE	F	G	ØH	I	L	M	N	O	P	Q	R	S	T	T1	U	K	X	Y	Z	Z1
32	26	102	15	30	8	4	40	32	M6	4	45	32.5	M6	G1/8	72	9.5	32	M5	8	18	11	15	16	128	78
40	30	112	15	35	10	4	45	40	M8	4	55	38	M6	G1/4	77	11.5	40	M6	10	21	15	17.5	21	142	86.2
50	34	117	18	40	12	5	55	50	M8	4	65	46.5	M8	G1/4	85	15	50	M8	10	26	16	16	24	151	82.5
63	36	125	22	45	16	5	70	63	M10	4	80	56.5	M8	G3/8	89	19	63	M8	10	35	14	18	33	161	89.5
80	38	136	22	45	20	5	95	80	M12	4	100	72	M10	G3/8	98	25	80	M10	13	46	16	19	40	174	100
100	38	143	22	55	20	5	110	100	M12	4	115	89	M10	G1/2	105	35	100	M10	13	70	16	19	58	181	106





Sipariş Kodu / Ordering Code

KTRC 32 H 100

Bağlantı Eksenli / Mountage

Mil / Rod

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Gövde / Body Size (mm)

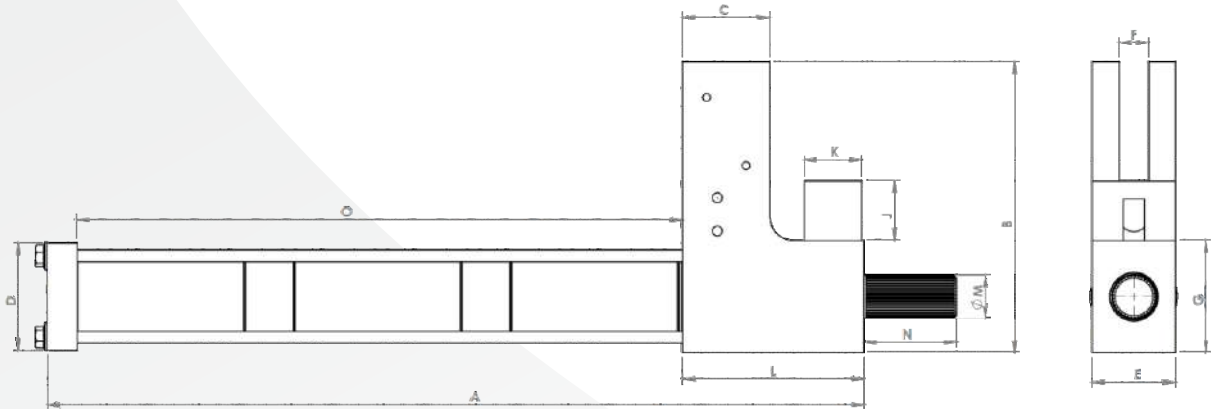
180 - 200 mm

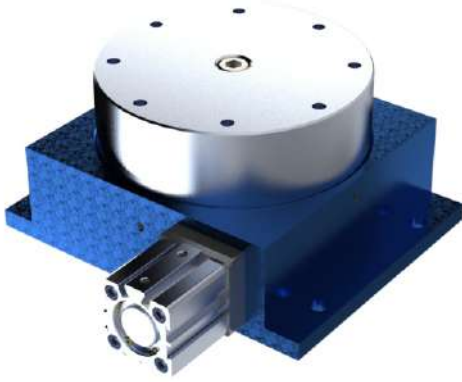
Bağlantı / Mountage

80 mm - 100 mm - 125 mm

Manyetik / Magnet

Çap Bore (mm)	A	B	C	D	E	F	G	H	I	J	K	M	N	R	O	S	V	Z	T
40	200	140	63	35	8.5	13	18	R4.25	26.5	100	112	6	5.8	G1/8	69	179.9	147	180	6





Sipariş Kodu / Ordering Code

RTIND 25 M 4

Pozisyon Sayısı / Pozition

Manyetik / Magnet

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

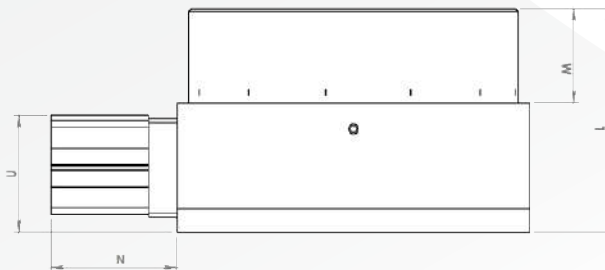
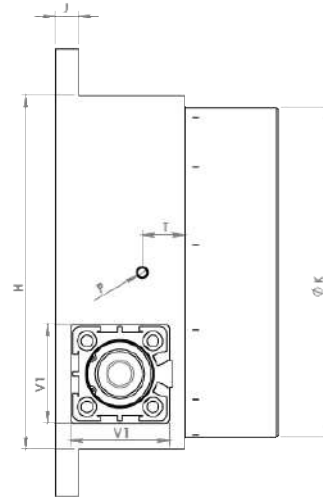
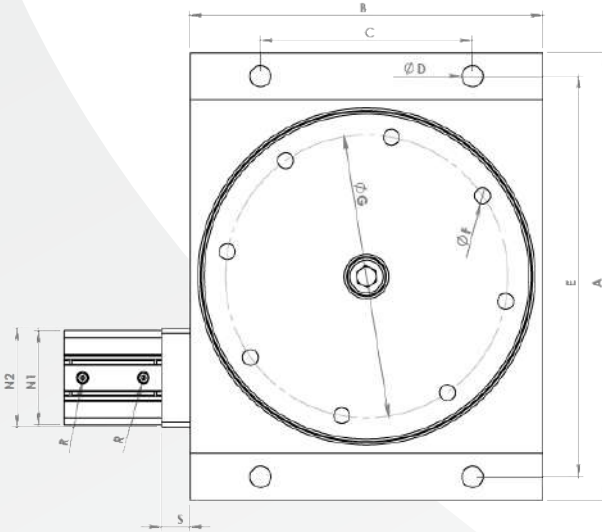
25 - 63 mm

Manyetik / Magnet

Pozisyon Sayısı / Pozition Number

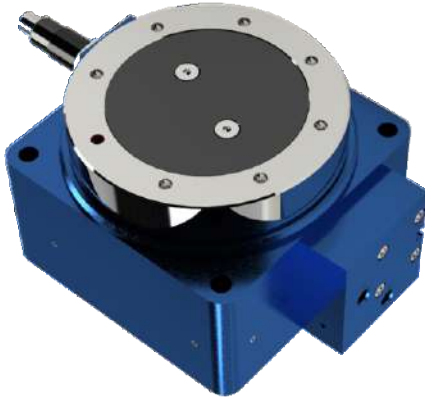
2 - 15 Pozisyon

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	N1	N2	R	U	S	V1	P	T
RTIND 25	190	150	90	Ø9	170	M8x8	Ø120	150	10	Ø140	70	15	53	40	42	G1/8	49.8	12	40	G1/8	18



POZİSYONLAMA DÖNER TABLA

PNEUMATIC INDEX ROTARY TABLE



Sipariş Kodu / Ordering Code

RTINDS**4****M****6**

Pozisyon Sayısı / Pozision

Manyetik / Magnet

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

3 - 4 - 6 - 9

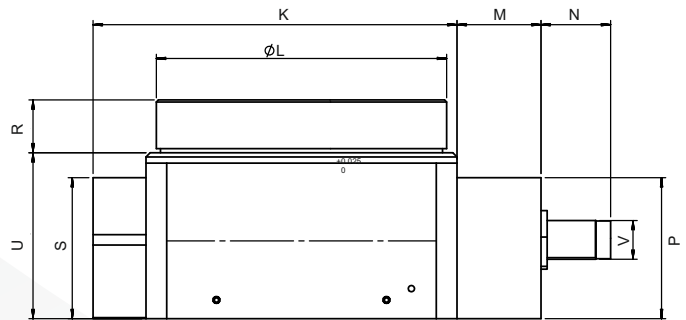
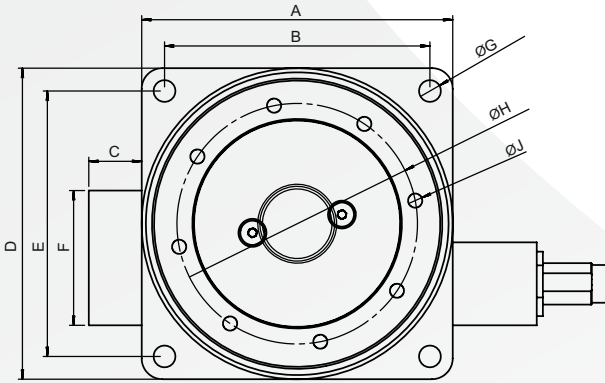
Manyetik / Magnet

Pozisyon Sayısı / Pozision Number

2 - 24 Pozisyon

Model Model	Tork / Torque 6 bar	Mak. Atalet Momenti Max. moment of inertia	Pozisyon Sayısı Partitions	Eksenel yük statik / dinamik Axial load static / dynamic
RTINDS_3	1 Nm	60 kgcm ²	2-3-4-6-8-10-12	3,5 kN / 80 N
RTINDS_4	2 Nm	175 kgcm ²	2-3-4-6-8-12-24	20 kN / 140 N
RTINDS_6	16 Nm	405 kgcm ²	2-3-4-6-8-10-12	20 kN / 250 N
RTINDS_9	42 Nm	2734 kgcm ²	2-3-4-6-8-12-24	35 kN / 700 N

Teknik Veriler / Technical Data	Değerler / Value
Pozisyonlama Doğruluğu / Indexing accuracy	± 0,03 mm Ø120 mm, de
Eksenel Plaka Salgısı / Axial run-out of plate	0,03 mm
Mak. Sıkıştırma Ağırlığı / Max. clamping weight	14 kg
Kilitli Tork / Locked torque	100 Nm
Yanal Kuvvet / Lateral force static	10 kN
Zamanlama / Timing device	50-200 / min
Ağırlık / Own weight	3,2 kg
Çalışma Başına Mak. Hava Tüketimi / Max. air consumption per timing device	40,5 cm ³
Hareket: Filtrelenmiş ve Kurutulmuş Hava / Drive: compressed air filtered, dried	4-8 bar
Hava Giriş Bağlantısı / Air pressure connection	G 1/8
Kontrol: Yön Kontrol Valfi / Control: directional-control valve	4/2 5/2
Malzeme / Material	Sert Elokсалı Alm. / hard anodized high strength al
Tabla Malzemesi / Plate Material	Çelik / Alm. / Steel



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	R	U	S	V	P
RTINDS 4	150	128	25,50	150	128	65	Ø10,50	Ø116	M8	175,50	Ø140	40,50	33,56	22,50	80	68	18,69	68
RTINDS 6	150	128	25,50	150	128	65	Ø10,50	Ø116	M8	175,50	Ø140	40,50	33,56	22,50	80	68	18,69	68
RTINDS 9	270	230	25,50	270	230	100	Ø13	Ø220	M10	295,50	Ø270	40,50	69,56	23	98	75	18,69	75

KISA TİP DÖNMEZ MİLLİ SİLİNDİR

SHORT STROK NON ROTATE PNEUMATIC CYLINDER



Sipariş Kodu / Ordering Code

SDA_N 80 50 S

Manyetik / Magnet

Strok / Stroke (mm)

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

50 - 63 - 80 - 100 mm

Strok / Stroke (mm)

5 mm - 1400 mm

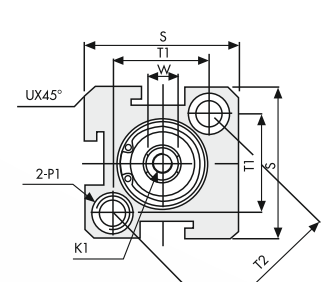
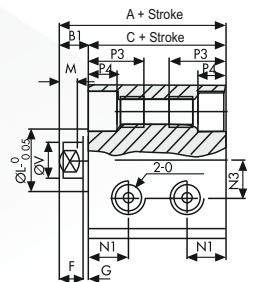
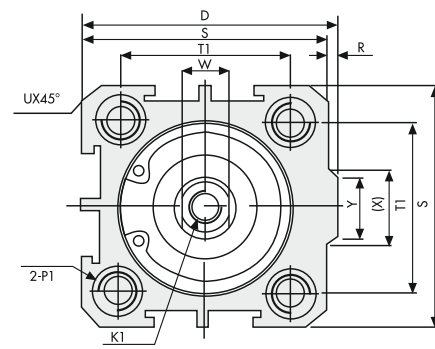
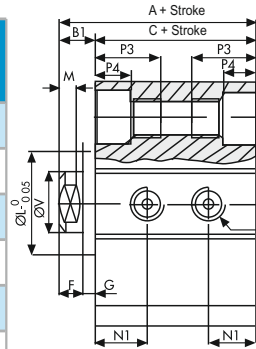
Manyetik / Magnet

S: Manyetik / Magnet

Çap	Standard Type			Attach Magnet			D	E	F	G	K1	L	M	N1	N3	O
Bore	A	B1	C	A	B1	C										
50	37	9	28	47	9	38	71.5	15	5	4	M10 x 1.5	38	2.8	10.5	-	G1/4
63	41	9	32	51	9	42	84.5	15	5	4	M10 x 1.5	40	2.8	11.8	-	G1/4
80	52	11	41	62	11	51	104	15	6	5	M10 x 1.5	45	4	14.5	-	G3/8
100	63	12	51	73	12	61	124	18	7	5	M10 x 1.5	55	4	20.5	-	G3/8

Çap / Bore	P1			P3	P4	R	S	T1	T2	U	V	W	X	Y
50	Ø 11	M8 x 1.25	Ø 6.5	25	8.5	9.5	62	48	-	4.15	20	16	30	20
63	Ø 11	M8 x 1.25	Ø 6.5	25	8.5	9.5	75	60	-	3.15	20	16	28.7	20
80	Ø 14	M12 x 1.75	Ø 9.2	25	10.5	10	94	74	-	3.65	20	16	36	26
100	Ø 17.5	M12 x 1.75	Ø 11.3	30	13	10	114	90	-	3.65	20	16	35	26

Çap / Bore	50	63	80	100
Akışkan / Fluid	Hava / Air			
Çalışma Basınç Aralığı / Working Pressure Range	1 ~ 9,0 kgf/cm ²			
Maximum Basınç Dayanımı / Max. Pressure Resistance	13,5 kgf/cm ²			
Çalışma Sıcaklık Aralığı / Working Temperature Range	0 ~ 70 °C			
Çalışma Hız Aralığı / Working Speed Range	50 ~ 800 mm/sec			
Kuvvet / Force kg (at 6 bar)	117.7	186.9	301.4	471





Sipariş Kodu / Ordering Code

RIC_N 50 50 S

Manyetik / Magnet

Strok / Stroke (mm)

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

50 - 63 - 80 - 100 mm

Strok / Stroke (mm)

5 mm - 1400 mm

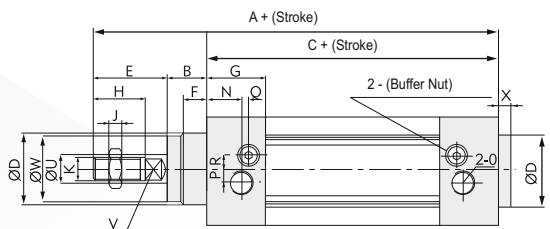
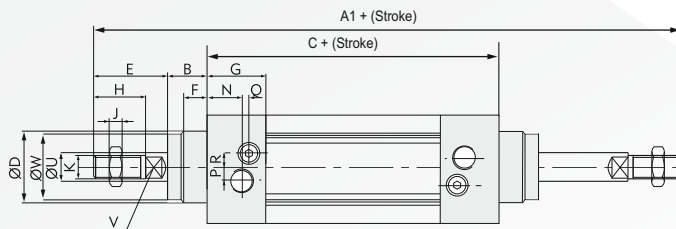
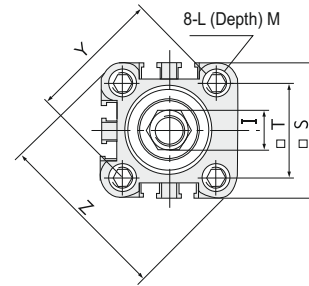
Manyetik / Magnet

S: Manyetik / Magnet

Bore (mm)	A	A1	A2	B	C	D	E	F	G	H	I	J	K	L
50	175	244	233	27	106	40	42	10	32	32	23	8	M14 x 1.5	M8
63	190	258	247	26	122	45	42	10	36	32	23	8	M14 x 1.5	M8
80	214	301	288	35	127	45	52	10	37	40	26	10	M14 x 1.5	M10
100	229	321	308	40	137	55	52	10	39	40	26	10	M14 x 1.5	M10

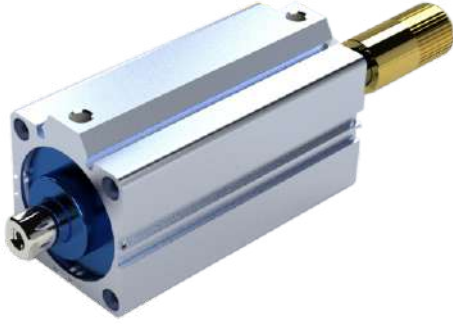
Bore (mm)	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Z1
50	12	21	G1/4	7	3	9	65	46.5	20	17	38	4	65.8	84.5	23
63	12	23	G3/8	8	5	9	76	56.5	20	17	40	4	79.9	99.6	23
80	15	24	G3/8	10	5	12	94	72	20	22	43	5	101.8	123.8	29
100	15	26	G1/2	10	5	14	112	89	20	22	47	6	125.9	148.9	29

Çap / Bore	50	63	80	100
Akışkan / Fluid	Hava / Air			
Çalışma Basınç Aralığı / Working Pressure Range	1 ~ 9,0 kgf/cm ²			
Maximum Basınç Dayanımı / Max. Pressure Resistance	13,5 kgf/cm ²			
Çalışma Sıcaklık Aralığı / Working Temperature Range	0 ~ 70 °C			
Çalışma Hız Aralığı / Working Speed Range	50 ~ 800 mm/sec			
Kuvvet / Force kg (at 6 bar)	117.7	186.9	301.4	471



SHORT STROK AYARLI SİLİNDİR

PNEUMATIC ADJUSTABLE STROKE CYLINDER



Sipariş Kodu / Ordering Code

SDAQ 50 50 S M

Manyetik / Magnet

Strok / Stroke (mm)

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

32 - 40 - 50 - 63 - 80 - 100 mm

Strok / Stroke (mm)

10 mm - 100 mm

Manyetik / Magnet

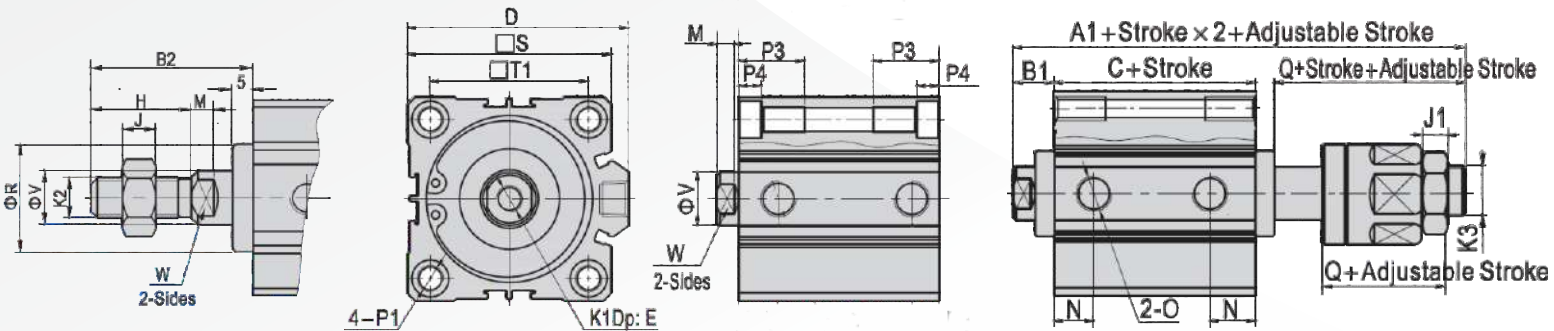
S: Manyetik / Magnet

Diş / Thread

M: Erkek Dişli / Male Thread
F: Dişi Dişli / Female Thread

Çap Bore	D	K1	O	P3	P4	S	T1	V	P1
32	49.5	M8 x 1.25	G1/8	17	7	45	34	16	Q9 M6 x 1.0
40	57	M8 x 1.25	G1/8	17	7	53	40	16	Q9 M6 x 1.0
50	71	M10 x 1.5	G1/4	22	8	64	50	20	Q11 M8 x 1.25
63	84	M10 x 1.5	G1/4	28.5	10.5	77	60	20	Q14 M10 x 1.5
80	104	M16 x 2.0	G3/8	35.5	13.5	98	77	25	Q17.5 M12 x 1.75
100	123.5	M20 x 2.5	G3/8	35.5	13.5	117	94	32	Q17.5 M12 x 1.75

Çap Bore	Standard Type			Attach Magnet			B1	E	N	Q	J1	K3	B2	H	J	K2	M	R	V	W
32	79.5	95.5	45.5	89.5	105.5	55.5	17	13	12.5	28	7	M12 x 1.25	38.5	23.5	8	M14 x 1.5	6	22	16	14
40	89	105	55	99	115	65	17	13	14	28	7	M12 x 1.25	38.5	23.5	8	M14 x 1.5	6	28	16	14
50	91.5	107.5	55.5	101.5	117.5	65.5	18	15	14	29	8	M16 x 1.5	43.5	28.5	11	M18 x 1.5	6.5	35	20	17
63	93	109	57	103	119	67	18	15	16.5	29	8	M16 x 1.5	43.5	28.5	11	M18 x 1.5	6.5	35	20	17
80	106	126.5	66	116	136.5	76	20	21	19	35.5	10	M20 x 1.5	53.5	35.5	13	M22 x 1.5	8.5	43	25	22
100	119.5	145	75.5	129.5	155	85.5	22	27	23	42.5	13.5	M27 x 2.0	53.5	35.5	13	M26 x 1.5	10	59	32	27





Sipariş Kodu / Ordering Code

ST **01** **S**

Vakum Derecesi / Vacuum Degree (kPa)

Bağlantı / Connection

Model / Model

Model / Model Type

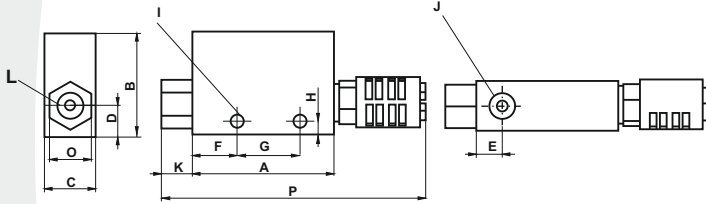
ST / Veya Valfi CV / Vakum Valfi

Bağlantı / Connection

01 : G1/8 02 : G1/4

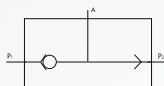
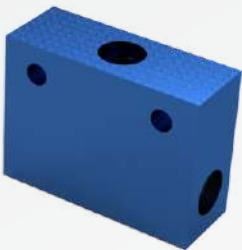
Vakum Derecesi / Vacuum Degree (kPa)

S: 0,5 Mpa



MODEL / MODEL	CV 10	CV 15	CV 20	CV 25	CV 30A
Kullanılan Akışkan / Used Fluid	Hava, Paslandırmayan Gazlar, Yanmayan Gazlar, / Air, Non-corrosive gasses, incombustible gases				
Çalışma Sıcaklığı / Operating Temperature (°C)	(0 ~+60 °C) Without freezing				
Kaynak Yağı / Supplying Oil	Dont				
Çalışma Basıncı / Working Pressure	0.1 ~ 0.6 Mpa				
Ayar Aralığı / Setting Range (kpa)	-20 ~ - 53				
Yükleme Öncesi Ayar Değeri / Setting Value Before Shipment (kpa)	- 46				
Çalışma Doğruluğu / Operational Accuracy (kpa)	±5.3				
Gecikme / Hysteresis (kpa)	4.0 ~ 13.3				
Elektriksel Verim / Electrical Rating (when resistance is applied)	AC 125V:5A, AC250V:3A, DC24V:0.2A				
Çalışma Sıcaklık Aralığı / Range of operating temperature (°C)	(0 ~ +60°C) cant be used in freeze				
Hava Giriş Basıncı / Air Supply Pressure (Mpa)	0.5 Mpa				
Vakum Akış / Vacuum Flow (l / min)	27	63	110	160	225
Hava Tüketimi / Air Consumption (l / min)	44	100	180	265	385

MODEL	A	B	C	D	E	F	G	H	I	J	K	L	O	Drive
CV - 05	45	33	16	10	8	14	20	4.5	2- Ø4.2	Rp1/8	10	Rp1/8	14	Rp1/8
CV - 10	45	33	16	10	8	14	20	4.5	2-Ø4.2	Rp1/8	10	Rp1/8	14	Rp1/8
CV - 15	63	35	20	11	10	20	25	5	2-Ø4.5	Rp1/4	15	Rp1/4	17	Rp1/4
CV - 20	85	40	30	15	13	28	32	7	2-Ø6	Rp3/8	20	Rp1/4	24	Rp1/2
CV - 25	100	60	40	20	16	20	50	5.5	2-Ø6	Rp1/2	17	Rp3/8	28	Rp3/4
CV - 30A	118	60	40	20	20	33	50	5.5	2-Ø6	Rp3/4	20	Rp1/2	30	Rp3/4



MODEL / MODEL	ST - 01	ST - 02
Efektif Geçiş Alanı / Effective Section Area	7,5 mm ²	21 mm ²
Çalışma Basıncı Aralığı / Working Pressure Range	0 ~ 1,0 MPa	
Çalışma Sıcaklık Aralığı / Operating Temperature Range	0 ~ 60 °C	



Sipariş Kodu / Ordering Code

HMKA R 40 90 S

Manyetik / Magnet

Dönme Açısı / Swivel Angle

Çap / Bore Size (mm)

Dönüş Yönü / Rotation Way

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

25 - 32 - 40 - 50 - 63 mm

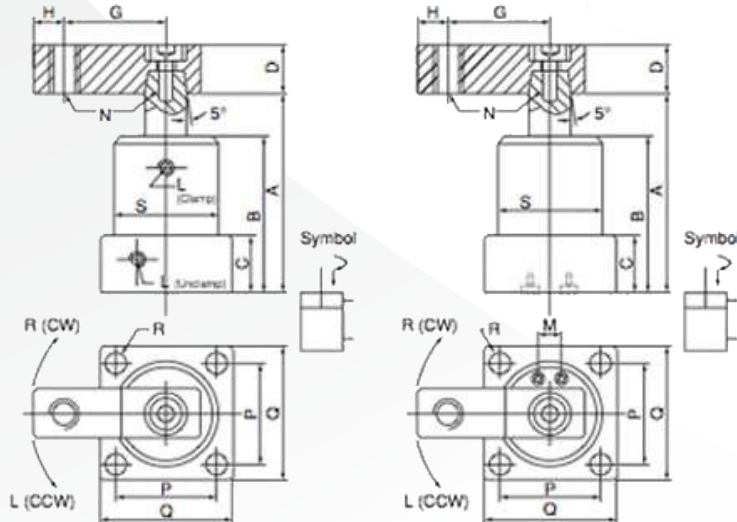
Dönüş Yönü / Rotation Way

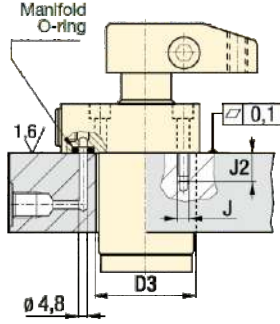
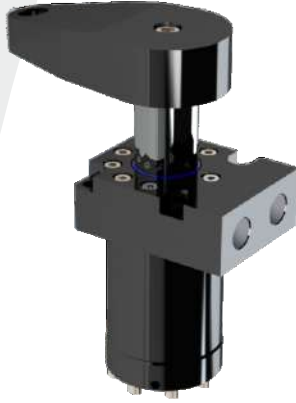
R : Sağ - L : Sol / R: Right - L: Left

S: Manyetik / Magnet

Model / Model	HMKA 25	HMKA 32	HMKA 40	HMKA 50	HMKA 63
Bağlama Şekli / Mounting Type	Flanş / Bottom Flange				
Clamp Kolu / Clamping Arm	Tek Kol / Single Arm				
Mak.Basınç / Max. Pressure	70 kg/cm ²				
Dönme Açısı / Swivel Angle	90° (0° 45°, 60°, 180°) ±2°				
Dönme Stroku / Swivel Stroke (mm)	12	14	14	14	14
Güç / Clamp Force (kg/cm ²)	59	125	200	400	600

Model	A Sökme Unclamp	B	C	D	G	H	L1 Bağlama / Unclamp L2 Sökme / Unclamp	N	P	Q	R	S	M	F	Ağırlık Weight (kg)
HMKA 25	100	70	23	25.4	50	10	1/8 PF	M10X1.5	40	50	Ø6.5	Ø45	18	15	0.8
HMKA 32	111	76	25	25.4	55	10	1/8 PF	M10X1.5	44	55	Ø6.5	Ø50	24	17	1
HMKA 40	113.6	80	27	25.4	55	10	1/8 PF	M10X1.5	48	62	Ø8.5	Ø54	26	20	1.1
HMKA 50	114.5	80	27	25.4	55	10	1/8 PF	M10X1.5	57	74	Ø8.5	Ø65	30	25	1.4
HMKA 63	118	85	32	32	75	11	1/8 PF	M12X1.75	70	84	Ø10.5	Ø80	40	30	2.3





Sipariş Kodu / Ordering Code

HSU L 40 90 S

Manyetik / Magnet

Dönme Açısı / Swivel Angle

Çap / Bore Size (mm)

Dönüş Yönü / Rotation Way

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

22-52-92-121-202-352

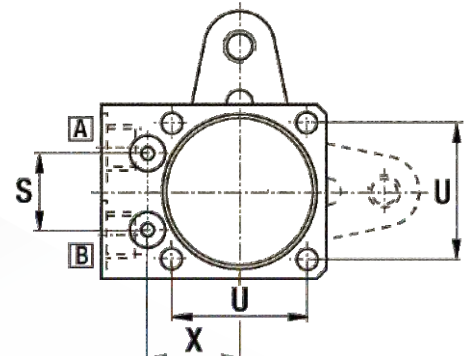
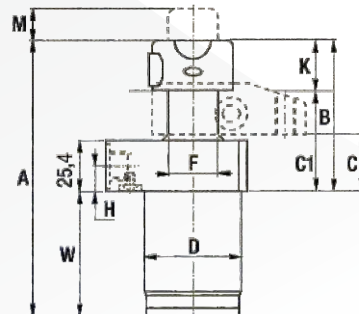
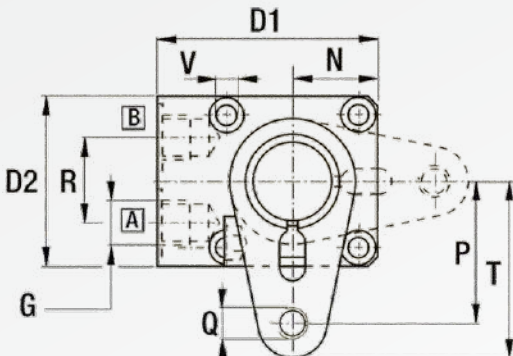
Dönüş Yönü / Rotation Way

R : Sağ - L : Sol / R: Right - L: Left

S: Manyetik / Magnet

Montaj Çapı / Fixture Hole Ø D3	Montaj Dış Mounting Thread J	Min.Derinlik Min. depth J2	Kuvvet (Clamping Force) (kN)
28,5	M5 x 0,8	16,5	2,2
35,5	M6 x 1	16,5	5,6
49	M6	15	9
49	.312-24 unf	20,3	11,6
63,5	M8 x 1	17	18,7
78	M10 x 1,25	18,8	33,8

Model Tek Etkili Single acting	Z	Y	X	W	VØ	U	T	S	R	Q	P	N	Ağırlık/Weight kg
HSU 22	60°	30°	18,1	53,1	5,7	41,9	30,9	21,0	-	M6 x 1	24,6	15,5	0,5
HSU 52	60°	30°	66,0	66,0	6,8	50,0	47,9	41,0	-	M8 x 1,25	40,0	19,1	1,1
HSU 92	-	-	67,9	67,9	6,5	42,0	56,0	23,7	26,0	M10 x 1,5	45,9	26,4	2,0
HSU 121	60°	30°	85,9	85,9	8,8	63,5	61,8	52,0	-	.375-16 unc	51,4	25,1	1,6
HSU 202	-	-	78,9		8,5	55,0	70,2	29,1	26,0	M12 x 1,75	55,2	34,4	3,5
HSU 352	-	-	88,6		10,8	70,0	82,9	34,4	26,0	M16 x 2	67,9	43,4	5,5
Çift Etkili Double acting													
HSUD 52	60°	30°	18,1	53,1	5,7	41,9	30,9	21,0	-	M6 x 1	24,6	15,5	0,5
HSUD 22	60°	30°	14,4	66,0	6,8	50,0	47,9	41,0	-	M8 x 1,25	40,0	19,1	1,1
HSUD 92	-	-	28,6	67,9	6,5	42,0	56,0	23,7	26,0	M10 x 1,5	45,9	26,4	2,0
HSUDL 92	-	-	28,6	87,9	6,5	42,0	56,0	23,7	26,0	M10 x 1,5	45,9	26,4	2,6
HSUD 121	60°	30°	18,2	85,9	8,8	63,5	61,8	52,0	-	.375-16 unc	51,4	25,1	1,6
HSUDL 121	60°	30°	18,2	124,9	8,8	63,5	61,8	52,0	-	.375-16 unc	51,4	25,1	1,8
HSUD 202	-	-	35,1	78,9	8,5	55,0	70,2	29,1	26,0	M12 x 1,75	55,2	34,4	3,5
HSUD 352	-	-	41,6	88,6	10,8	70,0	82,9	34,4	26,0	M16 x 2	67,9	43,4	5,5
HSUDL 352	-	-	41,6	104,3	10,8	70,0	82,9	34,4	26,0	M16 x 2	67,9	43,4	6,9



LEVYE TİP HİDROLİK DÖNER KLEMP

LEVER TYPE HYDRAULIC SWIVEL CLAMP



Sipariş Kodu / Ordering Code

HDHS R 01 90

Dönme Açısı / Swivel Angle

Çap / Bore Size (mm)

Dönüş Yönü / Rotation Way

Model / Model

Model / Model Type

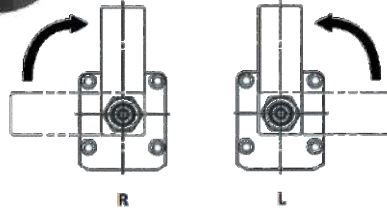
Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

22-52-92-121-202-352

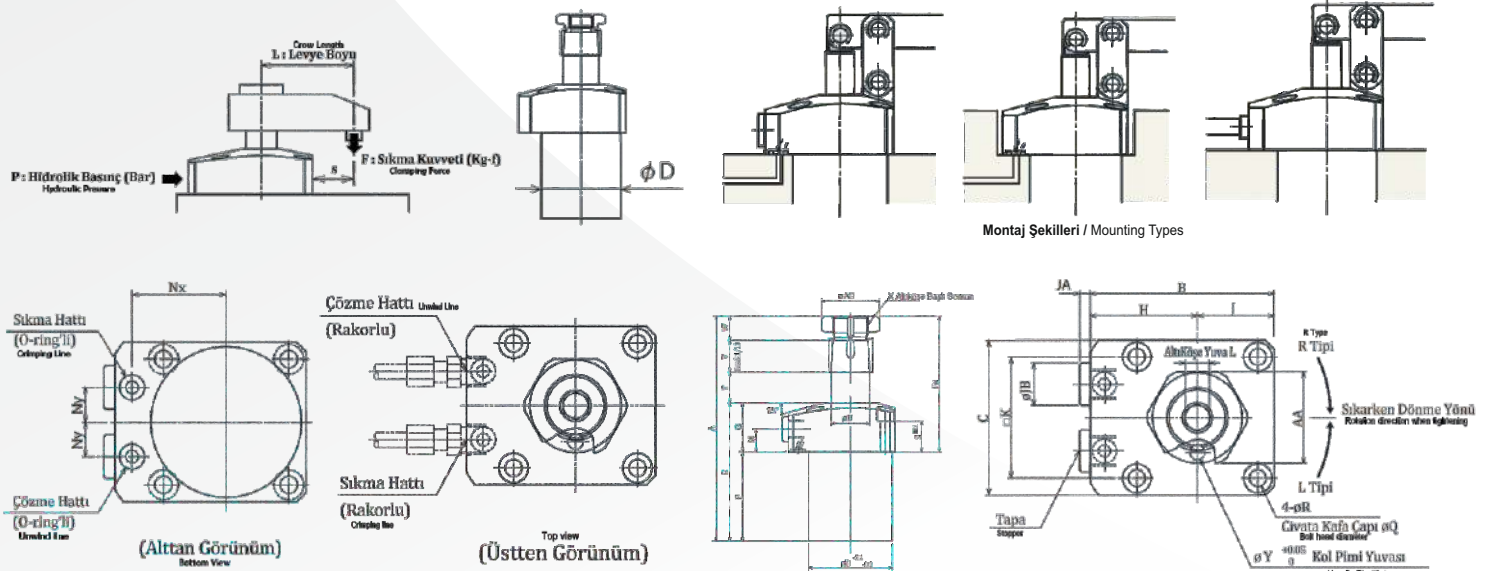
Dönüş Yönü / Rotation Way

R : Sağ - L : Sol / R: Right - L: Left



Model	Ø D	Hidrolik Basıncı Hydraulic Pressure (bar)	Silindirik Kuvveti/ Cylinder Force (Kg-f)	Sıkma Kuvveti / Clamping Force (Kg-f)									Max. Levye Boyu /Max. Crow Length (mm)
				L Levye Boyu / Crow Length (mm)									
				L=30	L=40	L=50	L=60	L=70	L=80	L=100	L=120	L=140	
HDHS 00	36	70	235	201	193	186	179	-	165	-	-	-	96
HDHS 01	40	70	280	-	234	225	218	210	203	189	177	-	124
HDHS 02	48	70	415	-	-	363	355	-	341	327	314	301	141
HDHS 03	55	70	695	-	-	603	590	-	564	540	516	494	142
HDHS 04	65	70	1011	65	-	866	847	65	812	-	-	-	92

Model	Tam Kursu (Full Course)	Dönme Kursu 90° (Rotational Course 90°)	Dikey Kursu (Vertical Course)	A	B	C	D	E	F	Fu	G	H	J	K	L	M	Nx	Ny	P	Q	R	S	T	U	V	W	Y	AA	AB	JA	JB	X	Z	Sıkma Çözme Hattı (Squeeze and Unsqueeze Line)
HDHS 00	13.5	5.5	8	104	49	40	36	64.5	39.5	64.5	25	29	20	31.4	5	11	23.5	8	3	7.5	4.5	16	15.5	16	13	11	4	22	24.5	3.5	14	M14x1.5	M4x0.7	G1/8
HDHS 01	14.5	6.5	8	115	54	45	40	71.5	46.5	68.5	25	31.5	22.5	34	6	11	26	9	3	9	5.5	15	16.5	18	15	12	4	24	26.5	3.5	14	M16x1.5	M5x0.8	G1/8
HDHS 02	15.5	7.5	8	128.5	61	51	48	79	51	77.5	27	35.5	25.5	40	8	13	30	11	3	9	5.5	17.5	17.5	22	18	14	4	30	33	3.5	14	M20x1.5	M5x0.8	G1/8
HDHS 03	18.5	8.5	10	145.5	69	60	55	89	59	86.5	30	39	30	47	8	12	33.5	12	3	11	6.8	20.5	20.5	25	21	15	6	32	35.5	3.5	14	M22x1.5	M6x1	G1/8
HDHS 04	20	10	10	156	81	70	65	94	63	93	31	46	35	55	8	13	39.5	15	5	11	6.8	22	22	30	24	16	6	41	45	4.5	19	M27x1.5	M6x1	G1/4





Sipariş Kodu / Ordering Code

HOS1 R 32 90

Dönme Açısı / Swivel Angle

Çap / Bore Size (mm)

Dönüş Yönü / Rotation Way

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Çap / Bore Size (mm)

32-40-50-63

Dönüş Yönü / Rotation Way

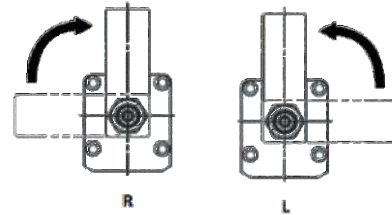
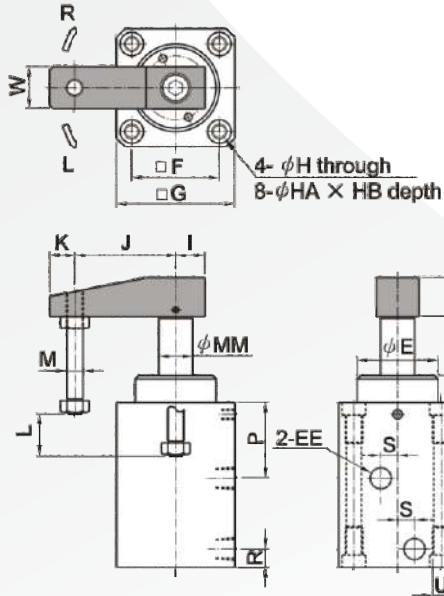
R : Sağ - L : Sol / R: Right - L: Left

Dönme Açısı / Rotation Angle

90 - 180

Ø Çap / Bore (mm)	Ø Mil Çapı / Rod (mm)	Piston Alanı Piston Area cm ²	Kuvvet (Clamping Force) (kgf)		Dönme Stroğu Swivel Stroke	Clamp Stroke
			70 (kgf/cm ²)	140 (kgf/cm ²)		
32	20	4,9	343	686	16	9
40	20	9,4	658	1316	16	9
50	25	14,7	1029	2058	20	10
63	25	26,2	1834	3668	20	10

Model	A	B	C	D	ØE	EE	F	G	H	HA	HB	I	J	K	L	M	P	MM	R	S	U	UL	W
HOS1 32	172	97	16	24	45	G1/4	47	62	6,8	11	6,5	15	55	15	25	M10x1,5	45	20	11	10	M8x1,25	16	25
HOS1 40	173	98	16	24	48	G1/4	52	70	8,6	14	8,6	15	60	15	25	M10x1,5	45	20	11	10	M10x1,5	20	25
HOS1 50	205	110	26	28	55	G1/4	58	80	8,6	14	8,6	20	65	20	30	M12x1,75	50	25	11	10	M10x1,5	20	28
HOS1 63	213	118	26	28	65	G1/4	69	94	14	20	13	20	70	20	30	M12x1,75	50	25	11	10	M16x2	30	28





Sipariş Kodu / Ordering Code

HMSA 40

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

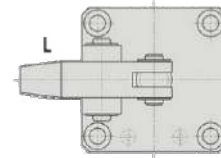
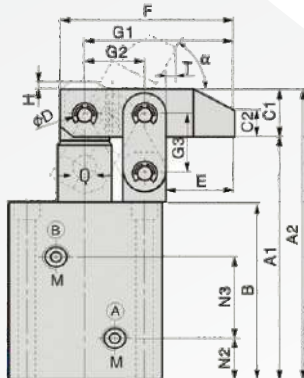
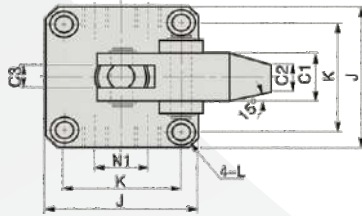
Çap / Bore Size (mm)

25 - 32 - 40 - 50 - 63 mm



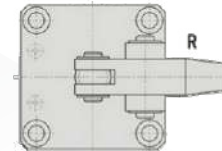
Model / Model	HMSA 25	HMSA 32	HMSA 40	HMSA 50	HMSA 63
Çalışma Sıcaklığı / Temperature °C	-10 +70 °C				
Mak.Basınç / Max. Pressure	50 kg/cm2				
Strok / Stroke (mm)	25	25	30	34	40
Güç / Clamp Force (kgf)	170,29	278,38	424,2	661,8	1005,44

Model	A1	A2	B	C1	C2	C3	D	E	F	G1	G2	G3	H	J	K	L	M	N1	N2	N3	N4	a	T
HMSA 25	103	122	76	19x19	11	9	Ø8	25	64	55	22	24	3	55	42	Ø6.8-Ø10.5*6.5D	G1/8	18	17	33	20	61°	4
HMSA 32	112	131	85	19x19	11	9	Ø8	25	64	55	22	24	3	57	44	Ø6.8-Ø10.5*6.5D	G1/8	22	19	38	22	61°	5
HMSA 40	122	144	90	22x22	13	10	Ø10	30	77	66	26	29	4	69	52	Ø9-Ø14*9D	G1/4	26	19	40	26	61°	5.5
HMSA 50	137	162	100	25x25	15	11	Ø12	35,5	90	77	30	33	4	75	58	Ø9-Ø14*9D	G1/4	32	21.5	45	29	61°	7.5
HMSA 63	155	187	111	32x32	19	15	Ø15	43	110	94	36	39	4	96	75	Ø11-Ø18*11D	G1/4	38	22	52	38	66°	2



A Clamp Port

B Unclamp Port





Sipariş Kodu / Ordering Code

PWR 25 H 100

Bağlantı Eksen / Mountage

Mil / Rod

Çap / Bore Size (mm)

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Gövde / Body Size (mm)

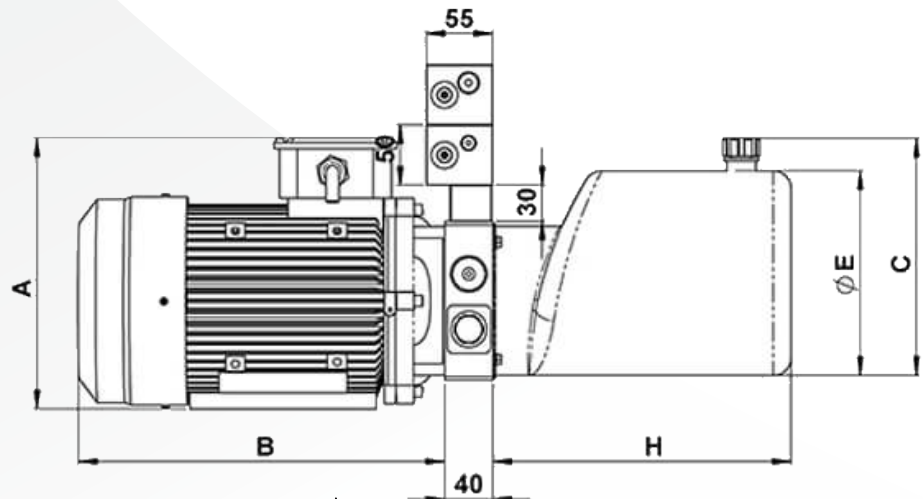
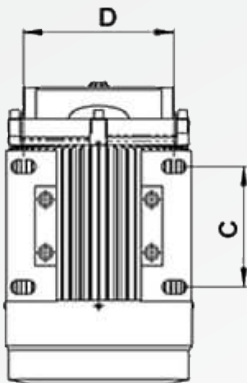
180 - 200 mm

Bağlantı / Mountage

80 mm - 100 mm - 125 mm

Manyetik / Magnet

Motor Ölçüleri / Sizes	A	B	C	D	Tank Ölçüleri / Tank Sizes	H	E	C
KM 13 0.75 KW (380V AC)	203	255	100	125	KR 1.5 W YATAY	160	Ø122	149
KM 67 1.1 KW (380V AC)	207	245	100	125	KR 2 W YATAY	216	Ø122	149
KM 64 1.5 KW (380V AC)	225	301.5	125	140	KR 3.5 W YATAY	346	Ø122	149
KM 65 2.2 KW (380V AC)	225	298	125	125	KR 5 W YATAY	248	Ø170	197
KM 66 3 KW (380V AC)	225	298	125	140	YBZ 6 W YATAY	289	Ø170	197
KM 61 0.75 KW (220V AC)	225	245	100	125	YBZ 8 W YATAY	368	Ø170	197
KM 62 1.1 KW (220V AC)	300	298	125	140	YBZ 10 W YATAY	440	Ø170	197
KM 63 1.5 KW (220V AC)	300	298	125	140	YBZ 12 W YATAY	537	Ø170	197
KM 65 2.2 KW (220V AC)	300	298	125	140	YBZ 20 W YATAY	561	208 x 198	233
DM 22 1.5 KW (12V DC)	170	181	-	-	KR 3 DİKEY	198	Ø170	-
DM 23 2 KW (24V DC)	170	181	-	-	KR 5 DİKEY	248	Ø170	-
DM 24 2.2 KW (24V DC)	170	194	-	-	KR 5.5 DİKEY	300	Ø170	-
DM 25 3 KW (24V DC)	180	283.5	-	-	KR 6 DİKEY	289	Ø170	-
					KR 8 DİKEY	368	Ø170	-
					KR 10 DİKEY	440	Ø170	-
					KR 12 DİKEY	537	Ø170	-





Sipariş Kodu / Ordering Code

KLC	02a	50	100	S	Manyetik
					Strok / Stroke (mm)
					Çap / Bore Size (mm)
					Seri / Series
Model / Model					
Model / Model Type					
Ürün Model Kodu / Product Model Code					
Seri / Series					
Yağ Giriş ve Montaj Şekli / Mountage Type 02 - 02b 07b -					
Çap / Bore (mm)					
25 mm - 160 mm					
Strok / Stroke (mm)					
Manyetik / Magnet					

Model	A	B	C	E	EF	F	G	H	I	J	K	L	M	N
KLC 25	130	65	10	45	30	50	Ø8.5 M8 ANSI	7	4.5	5.4	50	Ø3 / Ø13 x 1.5	Ø16	M10
KLC 50	148	100	11	75	45	76	Ø8.5 M8 ANSI	7	4.5	5.4	76	G 1/8	Ø30	M20

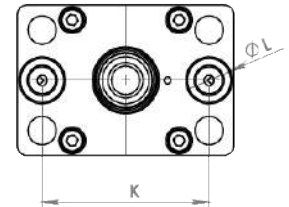
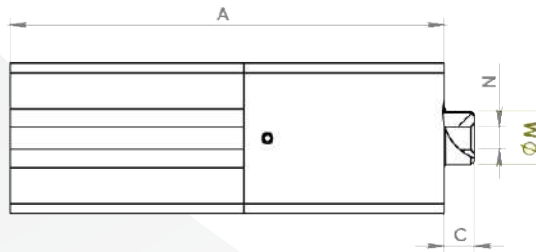
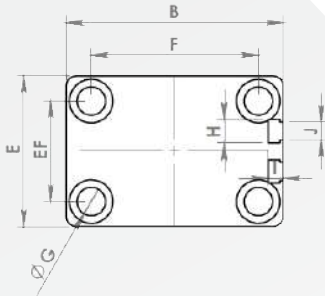
02

a



07

b



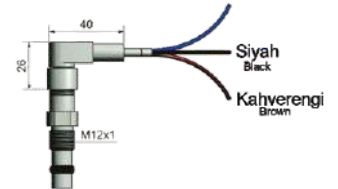
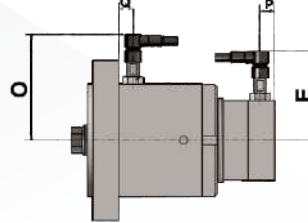
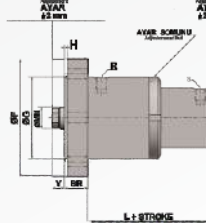
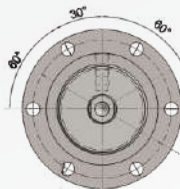
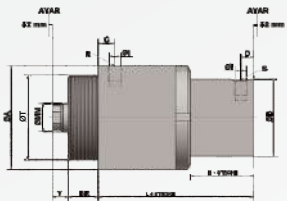
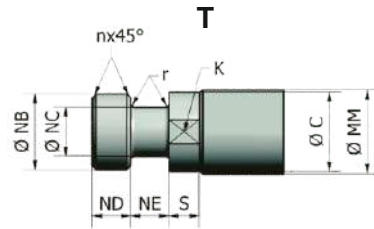
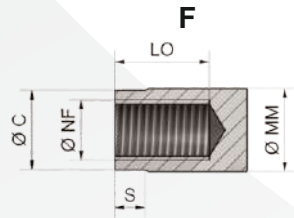
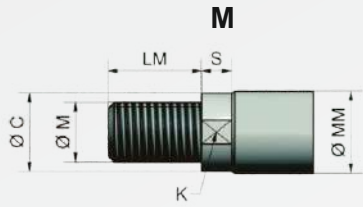


Sipariş Kodu / Ordering Code

KHRB	32	50	100	M	S	Manyetik
						Mil Tipi
						Strok / Stroke (mm)
						Çap / Bore Size (mm)
						Seri / Series
Model / Model						
Model / Model Type						
Ürün Model Kodu / Product Model Code						
Seri / Series						
0 - 05						
Çap / Bore (mm)						
25 mm - 160 mm						
Strok / Stroke (mm)						
Mil Tipi / Rod Type						

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod T : Kanallı Mil / T Rod

Çap Bore (mm)	Ø Mil Rod	ØC	K	LM	LO	ØM	ØNB	ØNC	ND	NE	ØNF	n	r	S	ØA	ØB	BR	C	D	ØF	ØG	H	ØI	ØJ	ØK	L+Strok L+Stroke	N+Strok N+Stroke	ØT	Y	Mini Stroke	E	O	P	Q
25	18	16	14	20	20	M10x1,5	16	10	6	6	M10x1,5	1	1	6	85	62	25	17	12	125	82	3	1,4"	105	9	128	36	M55x2	12	10	85	90	12	13
32	22	20	17	20	20	M12x1,75	18	10	8	8	M12x1,75	1	1	8	92	67	30	17	12	135	92	3	1,4"	115	11	135	47	M70x2	14	10	90	95	12	13
40	28	25	22	25	25	M16x2	22	14	10	10	M16x2	1	1	8	105	77	30	17	13	150	105	3	1,4"	130	13	147	54	M85x2	16	10	85	100	13	13
50	36	33	30	30	30	M20x2,5	28	18	13	13	M20x2,5	2	2	10	125	92	40	20	19	170	125	3	3,8"	150	13	165	55	M90x2	21	10	110	125	21	13
63	45	42	36	40	40	M27x3	35	22	16	16	M27x3	2	2	12	150	112	45	21	19	210	150	5	3,8"	180	17	205	76	M110x2	25	10	110	130	21	21
80	56	53	46	50	40	M30x3,5	45	28	20	20	M30x3,5	2	2	12	175	137	60	21	21	240	165	5	1,2"	205	17	225	84	M140x2	28	10	115	140	25	21
100	70	66	60	60	45	M42x4,5	56	35	25	25	M42x4,5	2	2	15	210	156	70	21	21	290	200	5	1,2"	250	21	244	86	M160x3	33	10	130	165	25	21
125	90	86	80	80	50	M56x5,5	78	45	30	30	M56x5,5	2	2	15	250	196	90	24	24	330	240	5	3,4"	290	21	280	88	M190x3	33	10	135	175	26	21
160	110	105	100	100	90	M64x6	96	55	40	40	M64x6	2	2,5	20	310	246	110	35	35	400	280	5	1"	360	25	387	147	M235x3	50	15	165	195	35	25
200	140	135	130	110	110	M80x6	128	70	50	50	M80x6	2	3	25	380	315	120	35	35	510	350	5	1"	440	32	449	149	M290x3	60	15	175	215	35	25





Sipariş Kodu / Ordering Code

KBZ 02 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

02 - 02a - 02b

Çap / Bore (mm)

25 mm - 160 mm

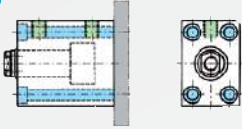
Strok / Stroke (mm)

Mil Tipi / Rod Type

M / F : Erkek / Dişi Mil / Male Rod N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d1	d2	d3	L2	L4	L5	R	sw	G x
25	16	44	65	45	8.5	50	30	7	25	11	G1/4	13	M10x15
32	20	50	75	55	10.5	55	35	11	28	11	G1/4	17	M12x15
40	25	54	85	63	10.5	63	40	11	28	11	G1/4	21	M16x25
50	32	65	100	75	13	76	45	11	28	12	G1/4	26	M20x30
63	40	72	125	95	17	95	65	14	37	17	G1/2	32	M27x40
80	50	85	160	120	21	120	80	14	42	19	G1/2	41	M30x40
100	60	90	200	150	25	158	108	15	46	18	G1/2	52	M42x60
125	80	110	230	180	32	180	130	16	56	29	G1/2	65.5	M48x70
160	100	128	300	230	39	230	160	22	61	32	G1/2	87	M56x80

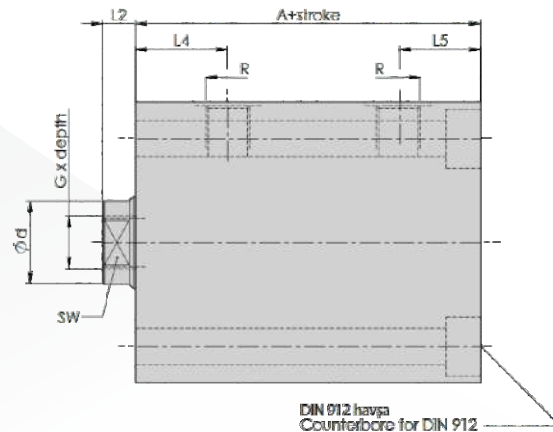
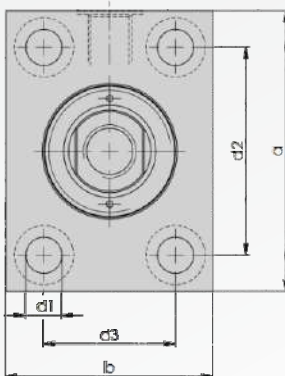
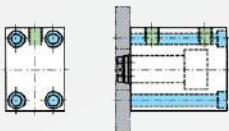
02a



02b



02





Sipariş Kodu / Ordering Code

KBZ 03 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

03 - 03a

Çap / Bore (mm)

25 mm - 160 mm

Strok / Stroke (mm)

Mil Tipi / Rod Type

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

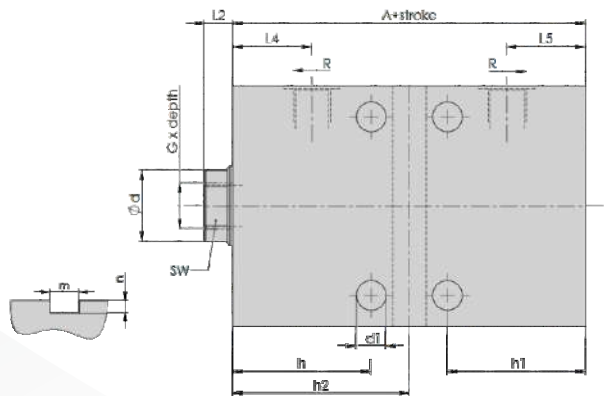
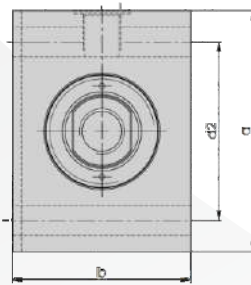
Çap Bore (mm)	Ø Mil Rod	A	a	b	d1	d2	d5	h	h1	h2	L2	L4	L5	m	n	R	sw	G x
25	16	44	65	45	8.5	50	4	44	26		7	25	11	10	2	G1/4	13	M10x15
32	20	50	75	55	10.5	55	5	47	27		11	28	11	12	3	G1/4	17	M12x15
40	25	54	85	63	10.5	63	5	49	27		11	28	11	12	3	G1/4	21	M16x25
50	32	65	100	75	13	76	6	58	30		11	34	12	15	5	G1/4	26	M20x30
63	40	72	125	95	17	95	7	59	41		14	37	17	20	5	G1/2	32	M27x40
80	50	85	160	120	21	120	8	68	47		14	42	19	24	7	G1/2	41	M30x40
100	60	90	200	150	25	158	8	73	54		15	46	18	28	7	G1/2	52	M42x60
125	80	110	230	180	32	180	9	93	66		16	56	29	35	7	G1/2	65.5	M48x70
160	100	128	300	230	39	230	10	99	70		22	61	32	42	9	G1/2	87	M56x80

Kama Pozisyonunu beliriniz.

03



03a





Sipariş Kodu / Ordering Code

KBZ 04 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

04 - 04a

Çap / Bore (mm)

25 mm - 160 mm

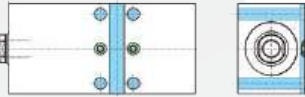
Strok / Stroke (mm)

Mil Tipi / Rod Type

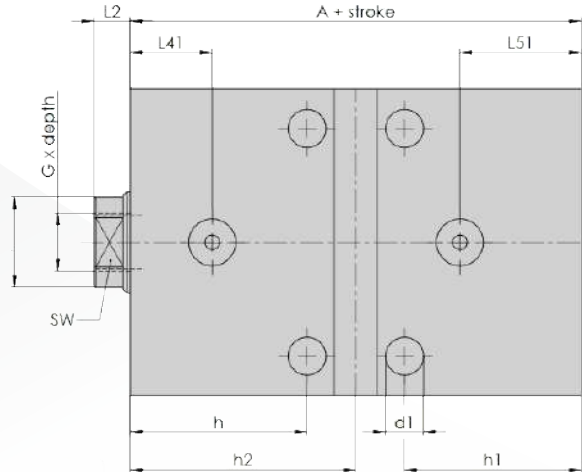
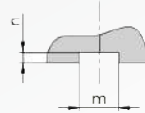
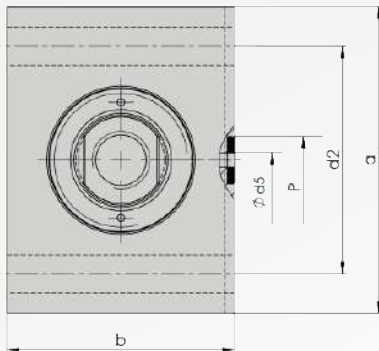
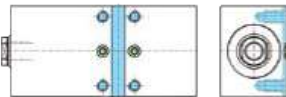
M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d1	d2	d5	h	h1	h2	L2	L41	L51	m	n	P	sw	G x	M x
25	16	44	65	45	8.5	50	4	44	26		7	25	11	10	2	13	13	M10x15	8 x 1.5
32	20	50	75	55	10.5	55	5	47	27		11	28	11	12	3	13	17	M12x15	9 x 2
40	25	54	85	63	10.5	63	5	49	27		11	28	11	12	3	13	21	M16x25	9 x 2
50	32	65	100	75	13	76	6	58	30		11	34	12	15	5	13	26	M20x30	9 x 2
63	40	72	125	95	17	95	7	59	41		14	37	17	20	5	13	32	M27x40	9 x 2
80	50	85	160	120	21	120	8	68	47		14	42	19	24	7	13	41	M30x40	9 x 2
100	60	90	200	150	25	158	8	73	54		15	46	18	28	7	15	52	M42x60	11 x 2
125	80	110	230	180	32	180	9	93	66		16	56	29	35	7	18	65.5	M48x70	14 x 2
160	100	128	300	230	39	230	10	99	70		22	61	32	42	9	20	87	M56x80	14 x 2

04



04a





Sipariş Kodu / Ordering Code

KBZ 05 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

04 - 04a

Çap / Bore (mm)

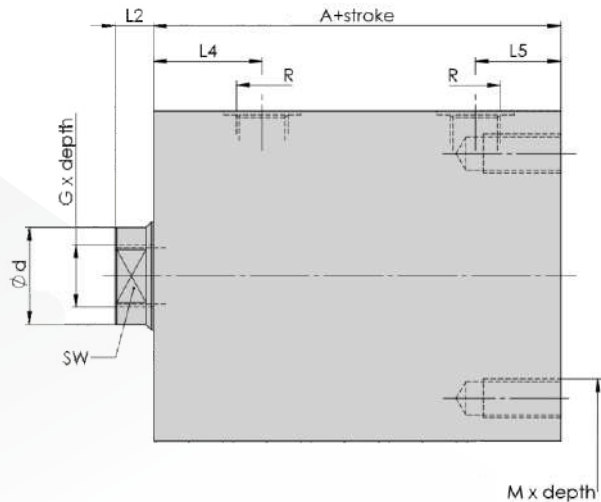
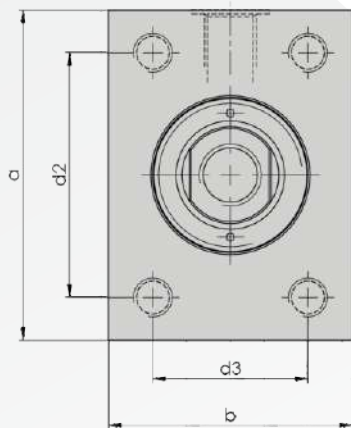
25 mm - 160 mm

Strok / Stroke (mm)

Mil Tipi / Rod Type

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d2	d3	L2	L4	L5	R	sw	G x Tiefe G x depth	M x Tiefe M x depth
16	10	40	60	35	40	22	6	24	12	G1/4"	8	M6 x 12	M6 x 12
25	16	44	65	45	50	30	7	25	11	G1/4"	13	M10 x 15	M8 x 16
32	20	50	75	55	55	35	11	28	11	G1/4"	17	M12 x 15	M10 x 20
40	25	54	85	63	63	40	11	28	11	G1/4"	21	M16 x 25	M10 x 20
50	32	65	100	75	76	45	11	34	12	G1/4"	26	M20 x 30	M12 x 24
63	40	72	125	95	95	65	14	37	17	G1/2"	32	M27 x 40	M16 x 32
80	50	85	160	120	120	80	14	42	19	G1/2"	41	M30x40	M20 x 35
100	60	90	200	150	158	108	15	46	18	G1/2"	52	M42 x 60	M24 x 50
125	80	110	230	180	180	130	16	56	29	G1/2"	65.5	M48 x 70	M30 x 50
160	100	128	300	230	230	160	22	61	32	G1/2"	87	M56 x 80	M36 x 55
200	125	160	380	300	300	220	28	67	39	G3/4"	107	M72x6x100	M48 x 80





Sipariş Kodu / Ordering Code

KBZ 06 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

04 - 04a

Çap / Bore (mm)

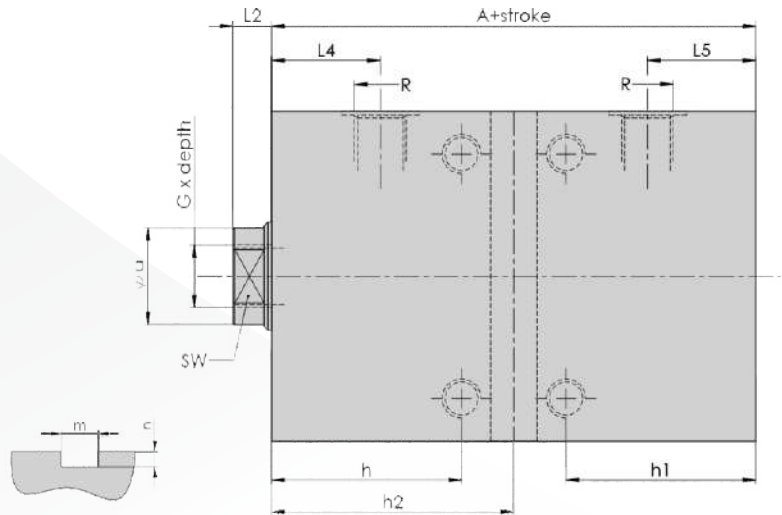
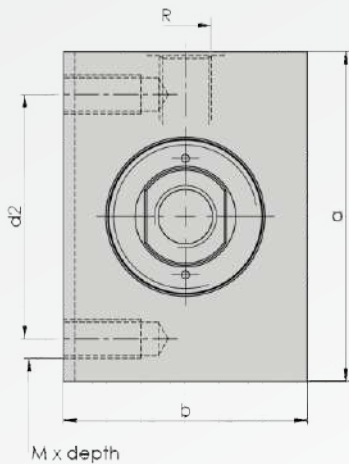
25 mm - 160 mm

Strok / Stroke (mm)

Mil Tipi / Rod Type

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d2	h	h1	h2	L2	L4	L5	m	n	R	sw	G x Tiefe G x depth	M x Tiefe M x depth
16	10	40	60	35	40	40	26		6	24	11	8	2	G1/4"	8	M6 x 12	M6 x 12
25	16	44	65	45	50	44	26		7	25	11	10	2	G1/4"	13	M10 x 15	M8 x 16
32	20	50	75	55	55	47	27		11	28	11	12	3	G1/4"	17	M12 x 15	M10 x 20
40	25	54	85	63	63	49	27		11	28	11	12	3	G1/4"	21	M16 x 25	M10 x 20
50	32	65	100	75	76	58	30		11	34	12	15	5	G1/4"	26	M20 x 30	M12 x 24
63	40	72	125	95	95	59	41		14	37	17	20	5	G1/2"	32	M27 x 40	M16 x 32
80	50	85	160	120	120	68	47		14	42	19	24	7	G1/2"	41	M30x40	M20 x 35
100	60	90	200	150	158	73	54		75	46	18	28	7	G1/2"	52	M42 x 60	M24 x 50
125	80	110	230	180	180	93	66		16	56	29	35	7	G1/2"	65.5	M48 x 70	M30 x 50
160	100	128	300	230	230	99	70		22	61	32	42	9	G1/2"	87	M56 x 80	M36 x 55
200	125	160	380	300	300	118	90		28	67	39	55	9	G3/4"	107	M72x6x100	M48 x 80





Sipariş Kodu / Ordering Code

KBZ 07 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

07 - 07a

Çap / Bore (mm)

25 mm - 160 mm

Strok / Stroke (mm)

Mil Tipi / Rod Type

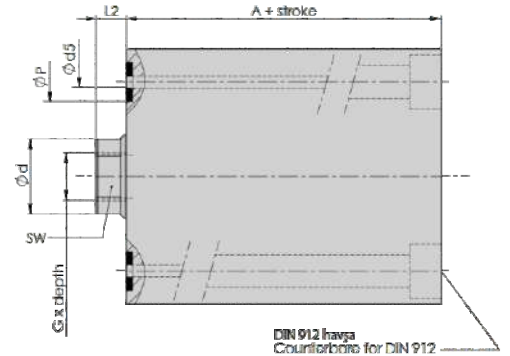
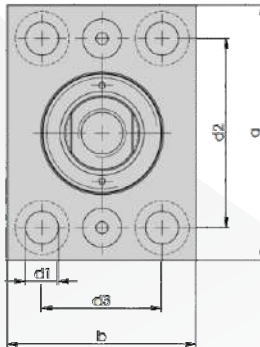
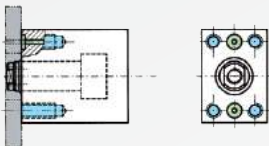
M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d1	d2	d3	d5	L2	P	sw	G x	O-ring
25	16	44	65	45	8.5	50	30	4	7	13	13	M10x15	8 x 1.5
32	20	50	75	55	10.5	55	35	5	11	13	17	M12x15	9 x 2
40	25	54	85	63	10.5	63	40	5	11	13	21	M16x25	9 x 2
50	32	65	100	75	13	76	45	6	11	13	26	M20x30	9 x 2
63	40	72	125	95	17	95	65	7	14	13	32	M27x40	9 x 2
80	50	85	160	120	21	120	80	8	14	13	41	M30x40	9 x 2
100	60	90	200	150	25	158	108	8	15	15	52	M42x60	11 x 2
125	80	110	230	180	32	180	130	9	16	18	65.5	M48x70	14 x 2
160	100	128	300	230	39	230	160	10	22	20	87	M56x80	14 x 2

07



07a





Sipariş Kodu / Ordering Code

KBZ 08 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

0 - 05

Çap / Bore (mm)

25 mm - 160 mm

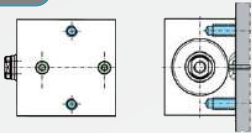
Strok / Stroke (mm)

Mil Tipi / Rod Type

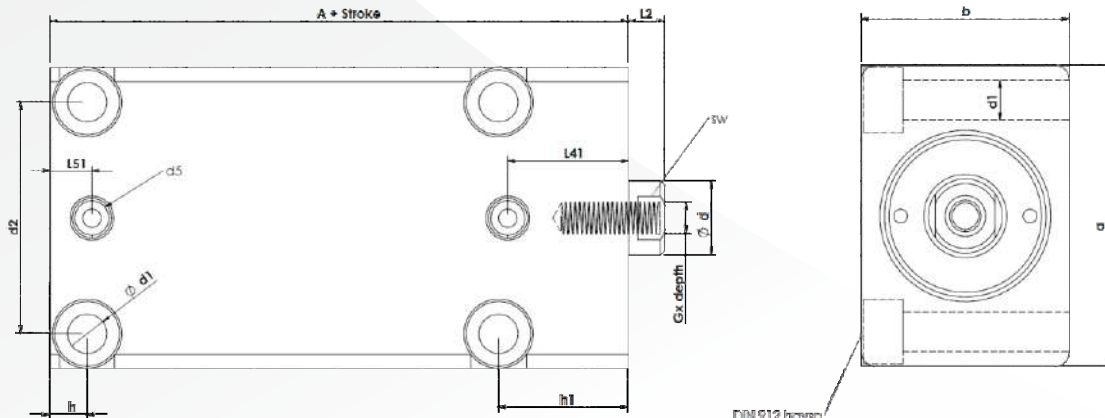
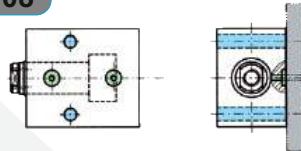
M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	Ød1	d2	h	h1	L2	L41	L51	d5	sw	G x
25	16	44	65	45	8.5	50	44	26	7	25	11	G1/4	13	M10x15
32	20	50	75	55	10.5	55	47	27	11	28	11	G1/4	17	M12x15
40	25	54	85	63	10.5	63	49	27	11	28	11	G1/4	21	M16x25
50	32	65	100	75	13	76	58	30	11	28	12	G1/4	26	M20x30
63	40	72	125	95	17	95	59	41	14	37	17	G1/2	32	M27x40
80	50	85	160	120	21	120	68	47	14	42	19	G1/2	41	M30x40
100	60	90	200	150	25	158	73	54	15	46	18	G1/2	52	M42x60
125	80	110	230	180	32	180	93	66	16	56	29	G1/2	65.5	M48x70
160	100	128	300	230	39	230	99	70	22	61	32	G1/2	87	M56x80

08a



08





Sipariş Kodu / Ordering Code

KBZ 09 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

0 - 05

Çap / Bore (mm)

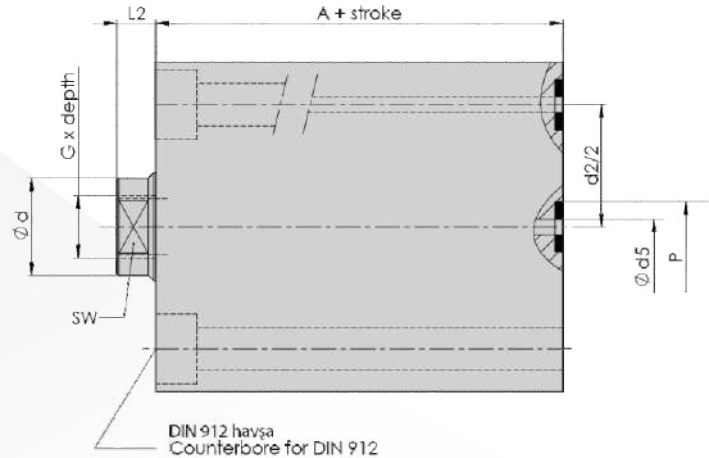
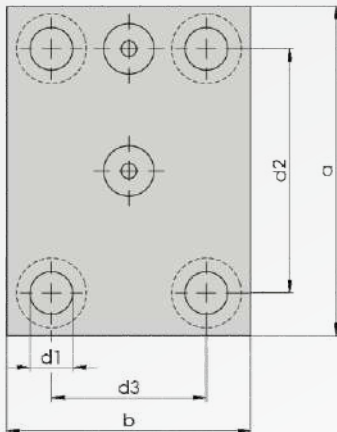
25 mm - 160 mm

Strok / Stroke (mm)

Mil Tipi / Rod Type

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d1	d2	d3	d5	L2	P	sw	G x Tiefe G x Depth	O-ring O-seal
16	10	40	60	35	6.5	40	22	3.5	6	10.6	8	M6x12	8 x 1.5
25	16	44	65	45	8.5	50	30	4	7	13	13	M10x15	8 x 1.5
32	20	50	75	55	10.5	55	35	5	11	13	17	M12x15	9 x 2
40	25	54	85	63	10.5	63	40	5	11	13	21	M16x25	9 x 2
50	32	65	100	75	13	76	45	6	11	13	26	M20x30	9 x 2
63	40	72	125	95	17	95	65	7	14	13	32	M27x40	9 x 2
80	50	85	160	120	21	120	80	8	14	13	41	M30x40	9 x 2
100	60	90	200	150	25	158	108	8	15	15	52	M42x60	11 x 2
125	80	110	230	180	32	180	130	9	16	18	65.5	M48x70	14 x 2
160	100	128	300	230	39	230	160	10	22	20	87	M56x80	14 x 2
200	125	160	380	300	52	300	220	12	28	20	107	M72x6x100	16 x 2





Sipariş Kodu / Ordering Code

KBZ	10	50	100	N	Mil Tipi / Rod
					Strok / Stroke (mm)
					Çap / Bore Size (mm)
					Seri / Series
					Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

10 - 10a

Çap / Bore (mm)

25 mm - 160 mm

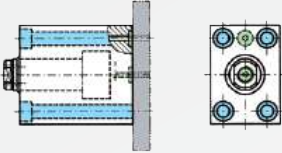
Strok / Stroke (mm)

Mil Tipi / Rod Type

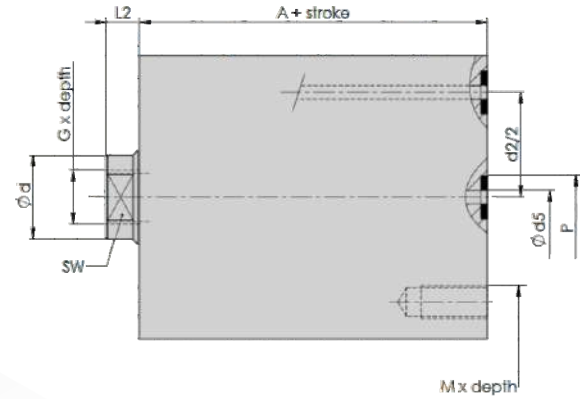
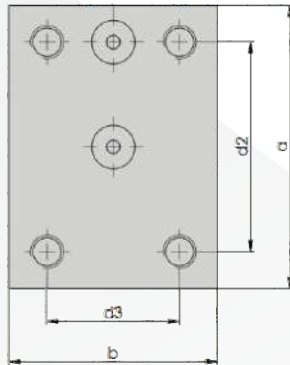
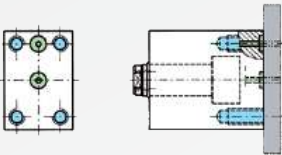
M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d2	d3	d5	L2	P	sw	G x	O-ring
25	16	44	65	45	50	30	4	7	13	13	M10x15	8 x 1.5
32	20	50	75	55	55	35	5	11	13	17	M12x15	9 x 2
40	25	54	85	63	63	40	5	11	13	21	M16x25	9 x 2
50	32	65	100	75	76	45	6	11	13	26	M20x30	9 x 2
63	40	72	125	95	95	65	7	14	13	32	M27x40	9 x 2
80	50	85	160	120	120	80	8	14	13	41	M30x40	9 x 2
100	60	90	200	150	158	108	8	15	15	52	M42x60	11 x 2
125	80	110	230	180	180	130	9	16	18	65.5	M48x70	14 x 2
160	100	128	300	230	230	160	10	22	20	87	M56x80	14 x 2

10



10a





Sipariş Kodu / Ordering Code

KBZ 11 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

11 - 11a

Çap / Bore (mm)

25 mm - 160 mm

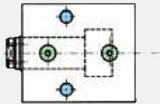
Strok / Stroke (mm)

Mil Tipi / Rod Type

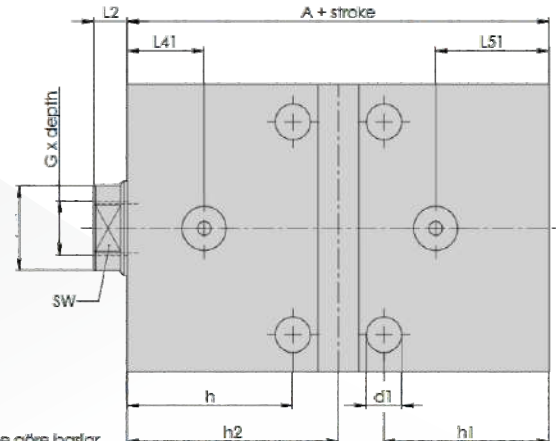
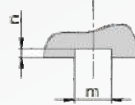
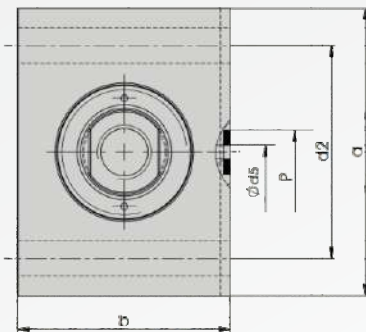
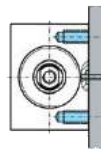
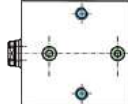
M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d1	d2	d5	h	h1	h2	L2	L41	L51	m	n	P	sw	G x	M x
25	16	44	65	45	8.5	50	4	44	26		7	25	11	10	2	12	13	M10x15	8 x 1.5
32	20	50	75	55	10.5	55	6	25	10		11	22	11	12	3	12	17	M12x15	9 x 2
40	25	54	85	63	10.5	63	6	49	27		11	28	11	12	3	13	21	M16x25	9 x 2
50	32	65	100	75	13	76	6	58	30		11	34	12	15	5	13	26	M20x30	9 x 2
63	40	72	125	95	17	95	7	59	41		14	37	17	20	5	13	32	M27x40	9 x 2
80	50	85	160	120	21	120	8	68	47		14	42	19	24	7	13	41	M30x40	9 x 2
100	60	90	200	150	25	158	8	73	54		15	46	18	28	7	15	52	M42x60	11 x 2
125	80	110	230	180	32	180	9	93	66		16	56	29	35	7	18	65.5	M48x70	14 x 2
160	100	128	300	230	39	230	10	99	70		22	61	32	42	9	20	87	M56x80	14 x 2

11



11a



h1 standart 3 strok ile veya müşteri talebine göre başlar



Sipariş Kodu / Ordering Code

KBZ 12 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

11 - 11a

Çap / Bore (mm)

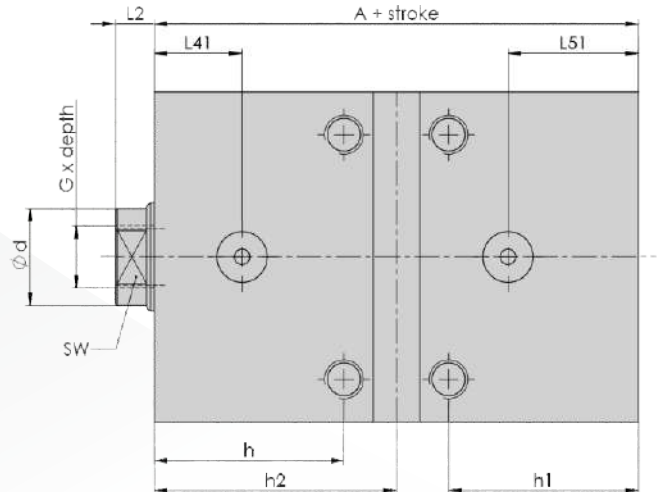
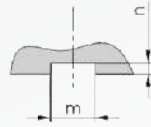
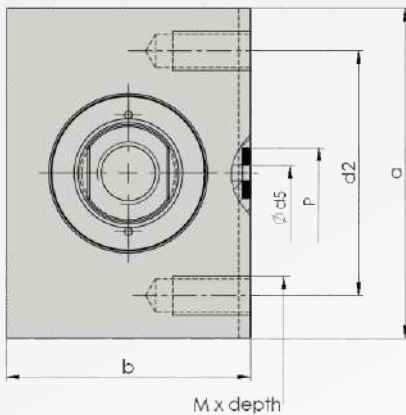
25 mm - 160 mm

Strok / Stroke (mm)

Mil Tipi / Rod Type

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	A	a	b	d2	d5	h	h1	h2	L2	L41	L51	m	n	P	sw	G x Tiefe G x Depth	O x Ring O x Seal
16	10	40	60	35	40	3.5	40	26		6	24	11	8	2	10.6	8	M6 x 12	8 x 1.5
25	16	44	65	45	50	4	44	26		7	25	11	10	2	13	13	M10x15	8 x 1.5
32	20	50	75	55	55	5	47	27		11	28	11	12	3	13	17	M12x15	9 x 2
40	25	54	85	63	63	5	49	27		11	28	11	12	3	13	21	M16x25	9 x 2
50	32	65	100	75	76	6	58	30		11	34	12	15	5	13	26	M20x30	9 x 2
63	40	72	125	95	95	7	59	41		14	37	17	20	5	13	32	M27x40	9 x 2
80	50	85	160	120	120	8	68	47		14	42	19	24	7	13	41	M30x40	9 x 2
100	60	90	200	150	158	8	73	54		15	46	18	28	7	15	52	M42x60	11 x 2
125	80	110	230	180	180	9	93	66		16	56	29	35	7	18	65.5	M48x70	14 x 2
160	100	128	300	230	230	10	99	70		22	61	32	42	9	20	87	M56x80	14 x 2
200	125	160	380	300	300	12	118	90		28	67	39	55	9	20	107	M72x6x100	14 x 2





Sipariş Kodu / Ordering Code

KSWC	01	50	100	N	Mil Tipi / Rod
					Strok / Stroke (mm)
					Çap / Bore Size (mm)
					Seri / Series
					Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

0 - 05

Çap / Bore (mm)

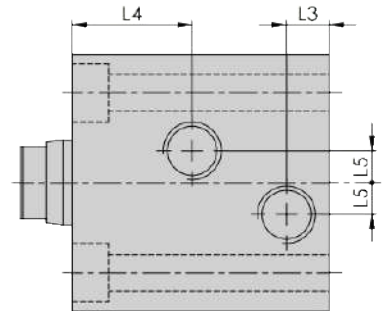
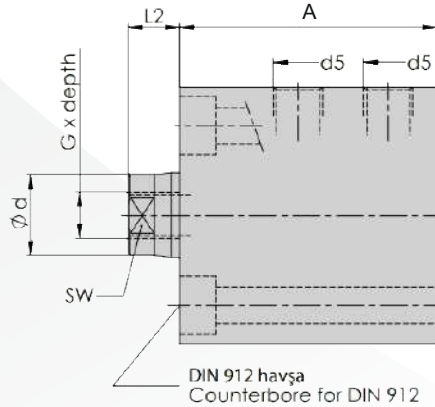
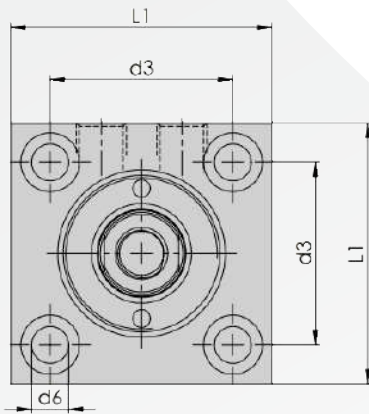
25 mm - 160 mm

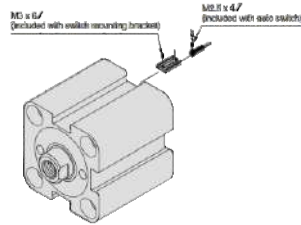
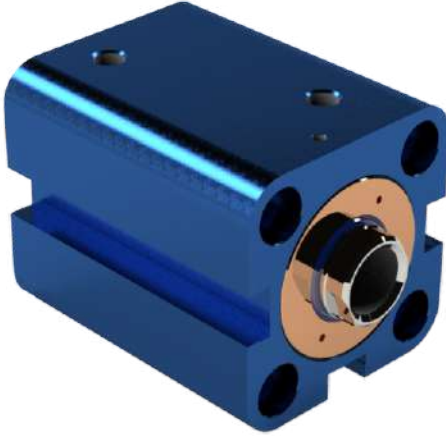
Strok / Stroke (mm)

Mil Tipi / Rod Type

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod	d3	d5	d6	L1	L2	L3	L4	L5	A	sw	G x
16	10	28	G1/8	5,5	45	8	7,5	24	5		8	M6x12
20	12	33	G1/8	5,5	45	10	7,5	22	7		10	M8x15
25	16	36	G1/8	63	50	12	7,5	25	8	44	13	M10x15
32	20	42	G1/4	75	60	12	10	28	7,5	50	17	M12x15
40	25	50	G1/4	95	70	15	10	28	10	54	21	M16x25
50	32	58	G1/4	120	80	20	10	34	13	65	26	M20x30
63	40	70	G3/8	150	100	25	12	37	13	72	32	M27x40





Sipariş Kodu / Ordering Code

KSWC 03 M 50 100 N

Mil Tipi / Rod

Strok / Stroke (mm)

Çap / Bore Size (mm)

Manyetik / Magnet

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

0 - 05

M / Magnet

Manyetik / Magnet

Çap / Bore (mm)

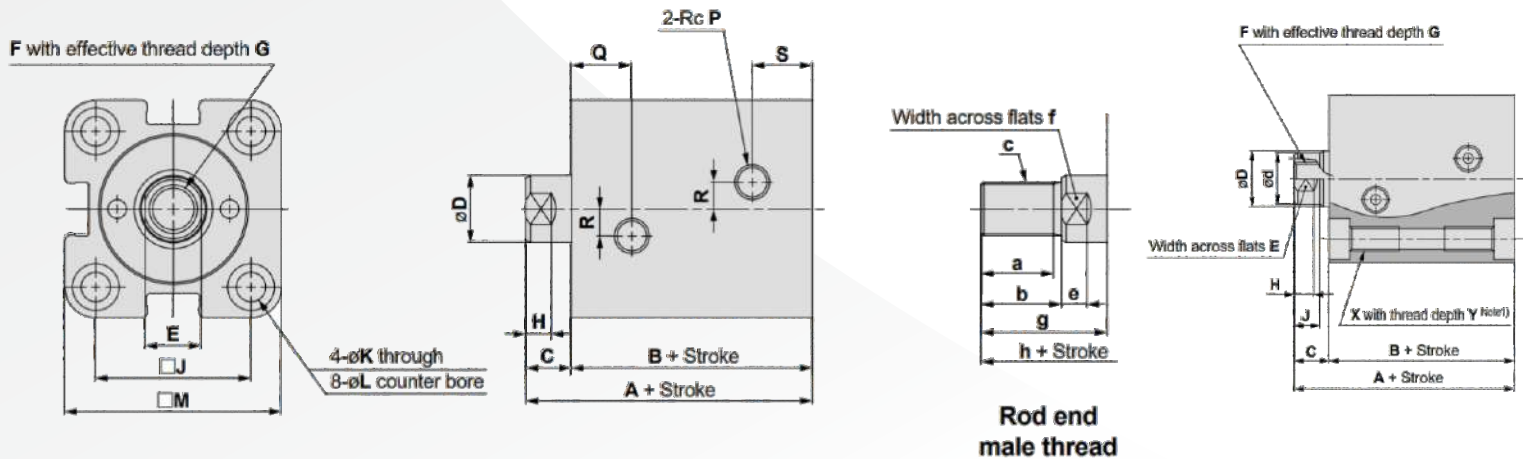
25 mm - 160 mm

Strok / Stroke (mm)

Mil Tipi / Rod Type

M : Erkek Mil / Male Rod F : Dişi Mil / Female Rod
N : Dönmez Mil / Non Rotate Rod Max.Str.: 100 mm

Çap Bore (mm)	Ø Mil Rod (D)	A	B	C	E	F	G	H	J	K	L	M	P	Q	R	S	a	b	c	e	f	g	h
25	14	53	45	8	12	M10x1,5	12	6	36	5,5	9,5 - 5,4	49	1/8	17	8	12	14	18	M12x1,25	6	12	26	71
32	18	66	56	10	14	M12x1,75	15	7	47	6,6	11 - 6,5	63	1/4	19,5	10	19,5	21	25	M16x1,5	7	14	35	91
40	22	75	65	10	19	M16x2	20	7	52	9	14 - 8,6	71	1/4	21,5	10	21,5	26	30	M20x1,5	7	19	40	105
50	28	81	70	11	24	M20x2,5	24	8	58	11	17,5-10,8	81	1/4	24	10	24	31	35	M24x1,5	8	24	46	116
63	35	90	77	13	30	M27x3	33	9	59	13	20-13	100	1/4	27,5	10	27,5	41	45	M30x1,5	9	30	58	135
80	45	105	88	17	41	M30x3,5	36	14	86	15	23-15	121	3/8	31	15	31	56	60	M39x1,5	14	41	77	165
100	56	132	106	26	56	M39x4	45	21	106	17	26-17	146	3/8	36	15	36	71	75	M48x1,5	21	50	101	207





Sipariş Kodu / Ordering Code

KUSB B 50 200

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Seri / Series

A - B

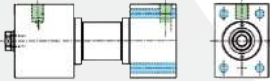
Çap / Bore (mm)

25 mm - 100 mm

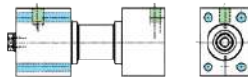
Strok / Stroke (mm)

Çap Bore (mm)	Ø Mil Rod	a	b	D	d1	d2	d3	G	g3	L1	L2	L4	L5	L6	L7	N	R	sw
25	16	65	45	32	8.5	50	30	M10	16	102	11	28	11	63	39	8	G1/4"	13
32	20	75	55	40	10.5	55	35	M12	20	116	15	32	11	72	45	8	G1/4"	17
40	25	85	63	50	10.5	63	40	M16	25	132.5	18	32	14	78	53	9	G1/4"	21
50	32	100	75	60	13	76	45	M20 x 1.5	30	135.5	20	34	14	89	67	11	G1/4"	26
63	40	125	95	75	17	95	65	M24 x 2	40	146	20	41	17	107	72	11	G1/2"	32
80	50	160	120	95	21	120	80	M30 x 2	45	161	25	47	17	108	65	12	G1/2"	41
100	60	200	150	115	25	158	108	M42 x 3	65	187	25	55	20	122	80	12	G1/2"	52

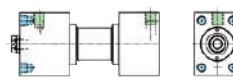
A



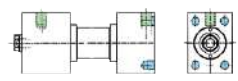
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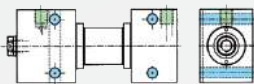
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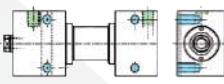
D



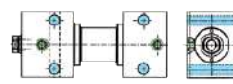
E



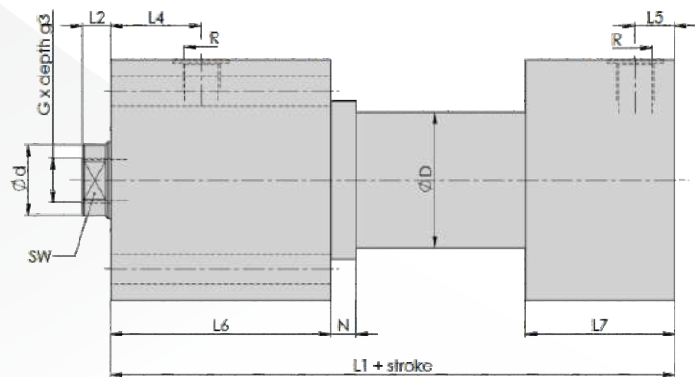
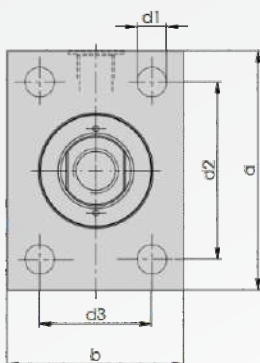
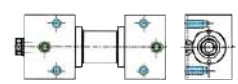
F



G



H





Sipariş Kodu / Ordering Code

KHMC M 50 200

Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

KHC : Standart / Standard
KHMC : Manyetik / Magnet

Seri / Series

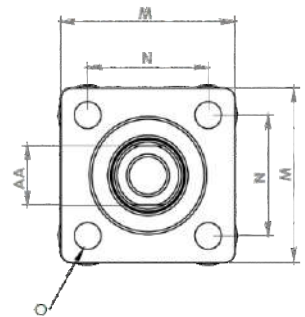
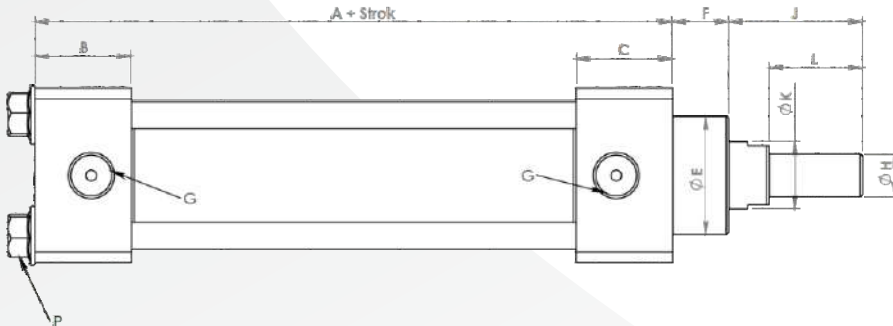
M - F : M-Erkek Mil / Male Rod F-Dişi Mil / Female Rod

Çap / Bore (mm)

32 mm - 125 mm

Strok / Stroke (mm)

Çap Bore (mm)	Ø K Mil Rod	A	B	C	ØE	F	G	ØH	J	L	M	N	O	P	AA
40	25	138	36	36	44	21	M10	M20 x 1,5	40	25	65	45	G3/8"	M10	22
50	28	136	33	45	45	20	M10	M22 x 1,5	40	28	75	52	G3/8"	M10	24





Sipariş Kodu / Ordering Code

KHYC M 50 200



Strok / Stroke (mm)

Çap / Bore Size (mm)

Seri / Series

Model / Model

Model / Model Type

KHSC Standart KHYC Yastıklı / Cushion

Seri / Series

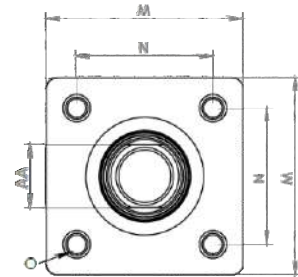
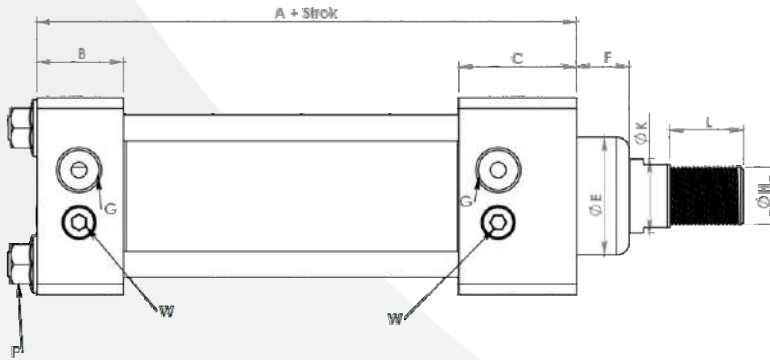
M - F : M-Erkek Mil / Male Rod F-Dişi Mil / Female Rod

Çap / Bore (mm)

32 mm - 100 mm

Strok / Stroke (mm)

Çap Bore (mm)	Ø K Mil Rod	A	B	C	ØE	F	G	ØH	J	L	M	N	O	P	AA	W
40	25	138	36	36	44	21	M10	M20 x 1,5	40	25	65	45	G3/8"	M10	22	5
50	28	136	33	45	45	20	M10	M22 x 1,5	40	28	75	52	G3/8"	M10	24	5





Sipariş Kodu / Ordering Code

HC A 40 200 AB

Bağlantı Elemanı / Connecting element

Strok / Stroke (mm)

Çap / Bore Size (mm)

Kapak Tipi / Cover Type

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Bağlantı / Connection

AMB : Arka Mafsallı Bağlantı / Back Joint
 ÖMB : Ön Mafsallı Bağlantı / Rod Joint
 OEB : Orta Eklemler Bağlantı / Middle Joint Connection
 ÖFB : Ön Flanş Bağlantı / Rear Flange Connection
 AFB : Arka Flanş Bağlantı / Front Flange Connection
 ÖAMB : Ön Arka Mafsallı Bağlantı / Front Rear Joint
 AB : Ayak Bağlantı / Base Connection

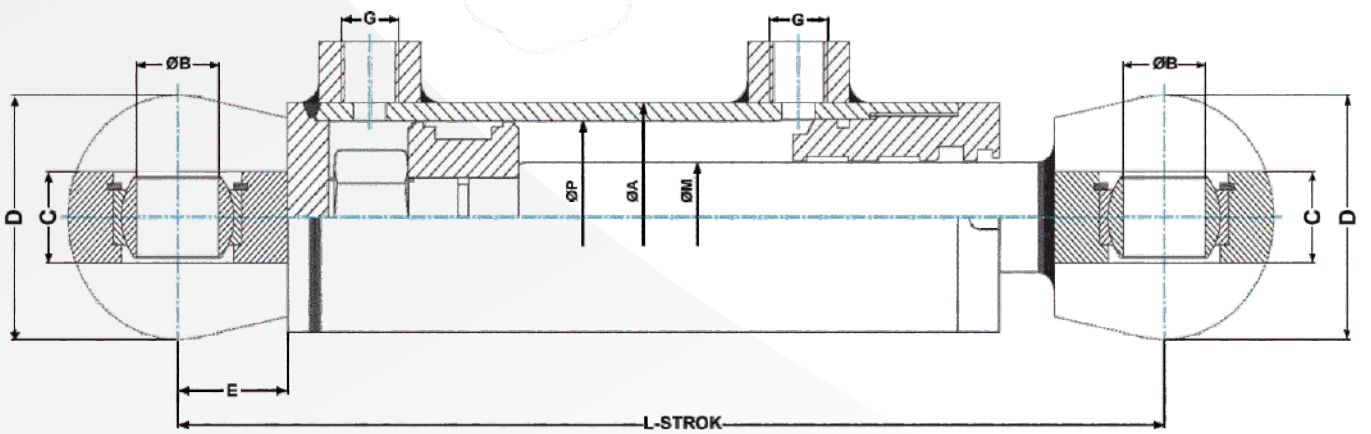
Çap / Bore (mm)

40 mm - 160 mm

Strok / Stroke (mm)

25 mm - 2000 mm

PİSTON	Ø 40	Ø 50	Ø 63	Ø 70	Ø 80	Ø 90	Ø 100	Ø 115	Ø 125	Ø 140	Ø 160
M	22/25/28	25/28/30	36/40/45	45/50	40/45/50	50/60	50/60/70	70	60/70	70/90	90/100
A	50	60	75	85	100	110	120	130	150	165	190
B	20	25	30	35	40	45	50	50	60	70	80
C	20	25	30	30	40	40	40	40	50	60	60
D	55	65	80	90	100	100	120	120	130	150	175
E	25	32	40	40	55	55	60	60	80	90	100
G	R 3/8"	R 3/8"	R 1/2"	R 1/2"	R 1/2"	R 1/2"	R 1/2"	R 1/2"	R 3/4"	R 3/4"	R 3/4"
L	200	215	259	259	308	310	332	342	389	440	466





Sipariş Kodu / Ordering Code

KHCC AB 50 200

Strok / Stroke (mm)

Çap / Bore Size (mm)

Bağlantı / Connection

Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code

Bağlantı / Connection

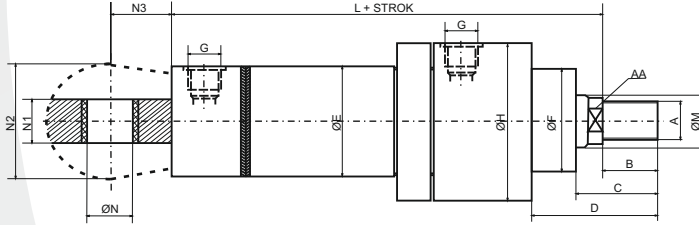
AMB : Arka Mafsal Bağlantı / Back Joint
 ÖMB : Ön Mafsal Bağlantı / Rod Joint
 OEB : Orta Ekleme Bağlantı / Middle Joint Connection
 ÖFB : Ön Flanş Bağlantı / Rear Flange Connection
 AFB : Arka Flanş Bağlantı / Front Flange Connection
 ÖAMB : Ön Arka Mafsal Bağlantı / Front Rear Joint
 AB : Ayak Bağlantı / Base Connection

Çap / Bore (mm)

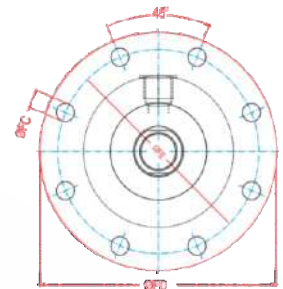
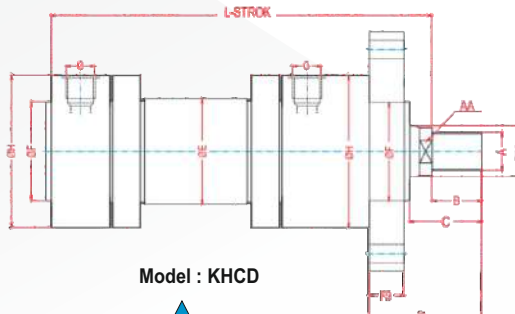
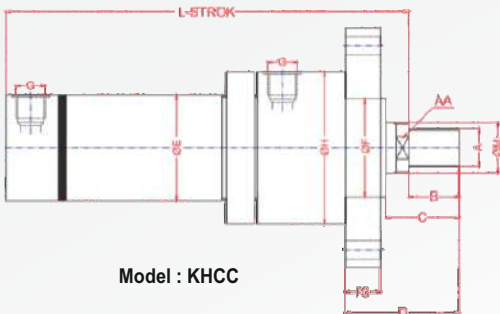
32 mm - 200 mm

Strok / Stroke (mm)

25 mm - 2000 mm



PİSTON	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100	Ø 125	Ø 140	Ø 160	Ø 180	Ø 200
M	18/22	22/28	28/36	36/45	45/56	56/70	70/80	80/90	90/100	100/110	110/120
A	M14 x 1.5 M16 x 1.5	M16 x 1.5 M20 x 1.5	M20 x 1.5 M27 x 2.0	M27 x 2.0 M33 x 2.0	M33 x 2.0 M42 x 2.0	M42 x 2.0 M48 x 2.0	M48 x 2.0 M56 x 2.0	M56 x 2.0 M64 x 3.0	M64 x 3.0 M72 x 3.0	M72 x 3.0 M80 x 3.0	M80 x 3.0 M85 x 3.0
AA	14/17	17/22	22/30	30/36	36/45	45/60	60/68	68/75	75/85	85/95	95/105
B	18/22	12/28	28/36	36/45	45/56	56/63	63/75	75/85	85/90	90/95	95/100
C	31	35	42	52	63	76	86	100	110	120	125
D	50	54	66	81	99	113	123	140	151	165	170
E	40	50	60	75	95	115	150	165	190	210	245
F	40	50	60	70	85	106	132	145	160	185	200
G	R 1/4"	R 3/8"	R 1/2"	R 1/2"	R 1/2"	R 3/4"	R 3/4"	R 3/4"	R 1"	R 1"	R 1"
H	68	78	98	108	135	158	186	210	240	255	305
L	170	190	205	224	250	300	328	360	370	425	450
L1	165	194	212	237	259	300	313	320	350	400	410
N	16	20	25	30	40	50	60	70	80	90	100
N1	16	20	25	30	40	50	60	70	80	90	100
N2	40	50	64	80	100	126	142	170	180	204	224
N3	20	25	32	40	82	95	103	125	135	155	165
FG	16	16	20	25	32	32	32	35	36	40	40
FC	9	9	11	13	17	22	22	22	22	26	26
FD	110	125	148	170	195	238	272	296	316	365	385





Sipariş Kodu / Ordering Code

HWS 16 A

Seri / Series

Destek Mili / Rod

Model / Model

Model / Model Type

HWS / Hydraulic Work Support

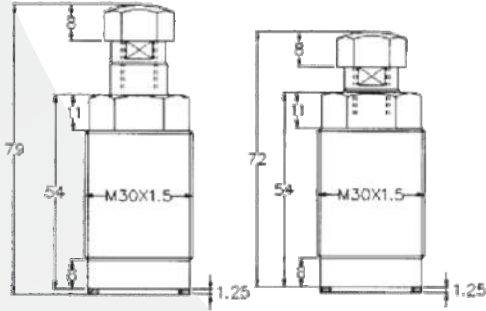
Destek Mili / Rod

16

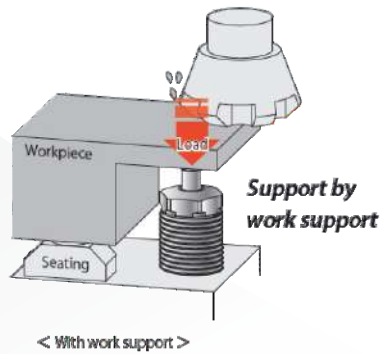
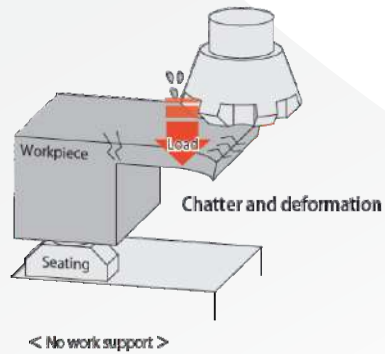
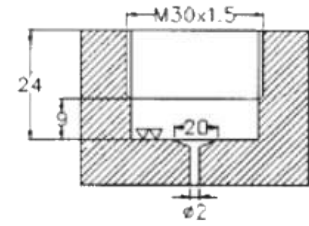
Seri / Series



Model	Çalışma Basıncı Bar Operating Pressure	Strok (mm) Stroke	Piston Mili Rod (mm)	Kuvvet Destegi 200 kg/cm2 Support Force	Temas Kuvveti (kg) Contact Force	A	B	C	D	E	F	Ağırlık (kg) Weight
HWS16A	100-250	8	16	210	2.35	72	54	8	M30 x 1.5	11	8	0.30



Montaj Detayı / Mounting details





Sipariş Kodu / Ordering Code

HTLSK 2K 50 180

Strok / Stroke (mm)

Çap / Bore Size (mm)

Kademe / Stage

Model / Model

Model / Model

Ürün Kodu / Product Code

Kademe / Stage

Kademe Sayısı / Stage Number

2 - 3 - 4 - 5

Çap / Bore Size (mm)

032 - 040 - 050 - 063 - 080 - 100 - 125 mm

Strok / Stroke (mm)

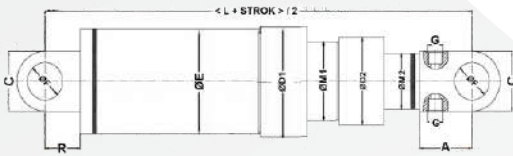
100 - 200 - 300 - 400 - 500 etc.

Manyetik / Magnet

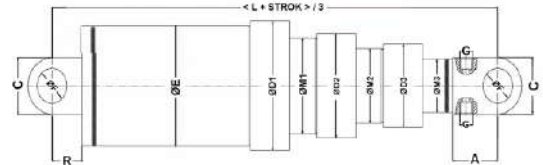
S Manyetik / Magnetic version
- Manyetik Yok / No Magnetic

Model	M1	M2	M3	M4	A	B	C	D1	D2	D3	D4	E	F	G	L
HTLSK 02-50	75	50	-	-	75	50	80	117	87	-	-	110	52	R 1/2"	800
HTLSK 02-65	95	65	-	-	75	60	80	142	107	-	-	130	52	R 1/2"	860
HTLSK 02-75	105	75	-	-	75	50	80	147	117	-	-	140	52	R 1/2"	845
HTLSK 03-50	105	75	50	-	75	50	80	147	117	87	-	140	52	R 1/2"	1390
HTLSK 03-65	130	95	65	-	75	60	80	177	142	107	-	165	52	R 1/2"	1470
HTLSK 03-75	135	105	75	-	75	50	80	182	147	117	-	170	52	R 1/2"	1440
HTLSK 04-50	135	105	75	50	75	50	80	182	147	117	87	170	52	R 1/2"	2055
HTLSK 04-65	165	130	95	65	75	60	80	225	177	142	107	210	52	R 1/2"	2180
HTLSK 04-75	170	135	105	75	75	50	80	231	182	147	117	220	52	R 1/2"	2118

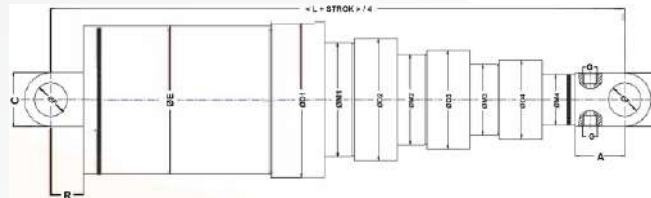
2K



3K



4K





Sipariş Kodu / Ordering Code

KHRAC

63

Çap / Bore Size (mm)

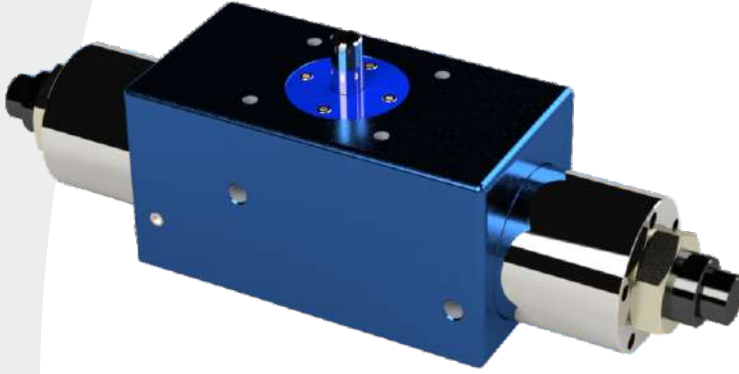
Model / Model

Model / Model Type

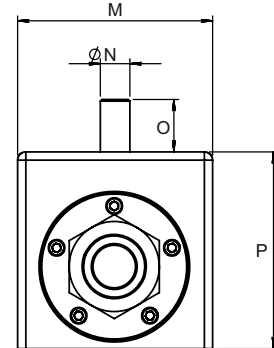
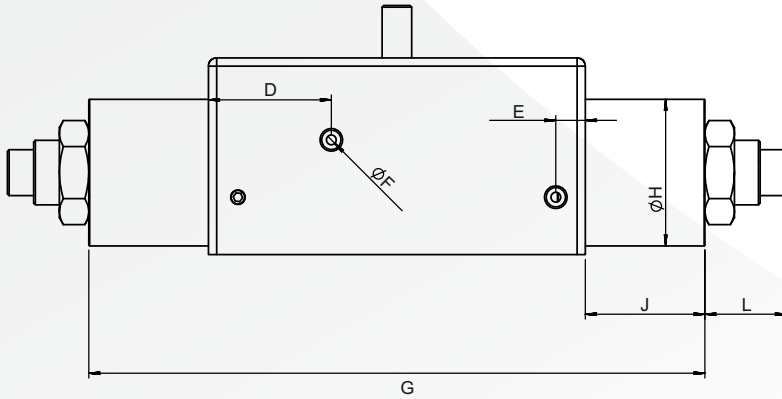
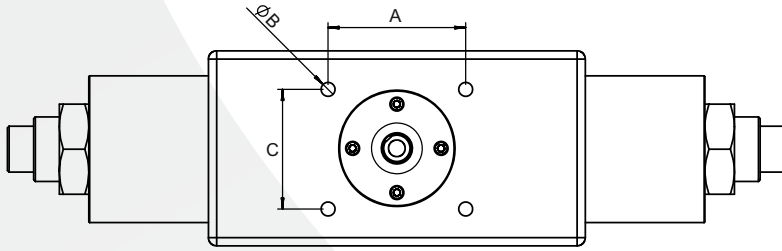
Ürün Model Kodu / Product Model Code

Çap / Bore (mm)

63 mm



Çap Bore (mm)	A	ØB	C	D	E	ØF	G	ØH	J	L	M	ØN	O	P
63	84	Ø8,50	73	75	18	6	376	Ø89,50	73	49,67	119	18	32	120



Sipariş Kodu / Ordering Code

KNG 20

Mesafe / Distance (mt)

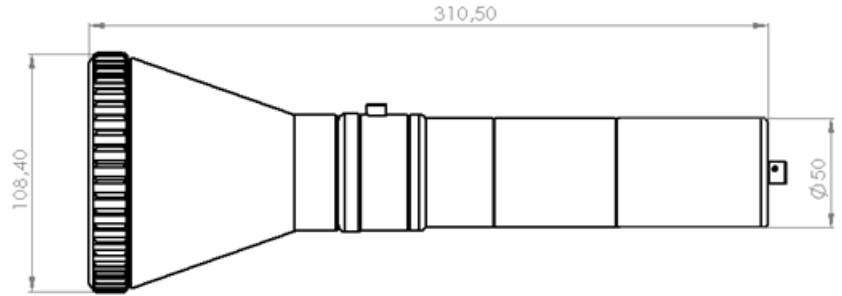
Model / Model

Model / Model Type

Ürün Model Kodu / Product Model Code



Ağ Tabancası



Avantajları:

Kullanımı Kolaydır ve Emniyet butonuna sahiptir.
Hayvanları zarar vermeden kurtarmak ve yakalamak için uygundur.
20 mt fırlatma özelliğine sahiptir.
İstediğiniz şekilde alım paketini seçebilirsiniz.

Genel Bilgi:

Şüpheli şahıslar, kuşlar ve hayvanları yakalamak için kullanılabilir.
Yakalarken herhangi bir zarar vermez.
Silah olarak kullanılmaz ancak kişisel güvenliğinizi sağlayabilirsiniz.
10 - 20 mt için daha büyük ağ kullanılabilir.
Açık alanlarda emniyet amacıyla sizin için ve güvenlik birimleri için en ideal yardımcıdır.
Çiftlik, otel, fabrika, işletme, kişisel kullanılan binalarda, yerel polis karakolu vb. yerlerde de kullanılabilir.



KINETIC

ÜÇEVLER MAH. KÜÇÜK SAN.ŞİT. 24.BLK. NO: 3/4

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PRICE LIST 2022





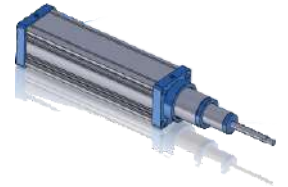
TLSK-2 KADEME TELESKOPIK SİLİNDİRLER / Telescope Cylinders

STROK	Ø 50	Ø 80	Ø 100
100 mm	115 €	165 €	210 €
200 mm	150 €	195 €	255 €
300 mm	185 €	230 €	300 €
400 mm	210 €	265 €	345 €
500 mm	245 €	280 €	395 €
600 mm	280 €	310 €	440 €
700 mm	310 €	345 €	485 €
800 mm	345 €	380 €	530 €
900 mm	380 €	415 €	575 €
1000 mm	415 €	450 €	635 €
İlave 1 cm Fiyatı	4 €	5 €	6 €
Manyetik Farkı	10 €	12 €	18 €



TLSK-3 KADEME TELESKOPIK SİLİNDİRLER / Telescope Cylinders

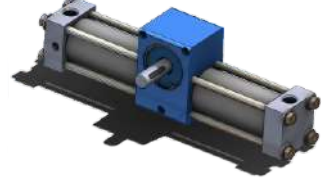
STROK	Ø 63	Ø 80	Ø 100
100 mm	140 €	185 €	230 €
200 mm	185 €	220 €	280 €
300 mm	230 €	245 €	325 €
400 mm	280 €	280 €	370 €
500 mm	325 €	325 €	415 €
600 mm	425 €	425 €	460 €
700 mm	415 €	415 €	510 €
800 mm	460 €	460 €	555 €
900 mm	510 €	510 €	600 €
1000 mm	555 €	555 €	645 €
İlave 1 cm Fiyatı	6 €	7 €	10 €
Manyetik Farkı	10 €	12 €	18 €





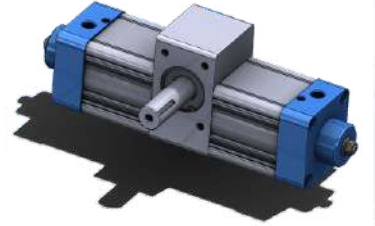
KRA DÖNER AKTUATÖRLER / Rotary Actuators

MODEL	€ EURO	MANYETİK
KRA 25 / 90° - 180°	145 €	12 €
KRA 32 / 90° - 180°	190 €	18 €
KRA 40 / 90° - 180°	215 €	24 €
KRA 50 / 90° - 180°	245 €	29 €
KRA 63 / 90° - 180°	290 €	35 €
KRA 80 / 90° - 180°	360 €	40 €
KRA 100 / 90° - 180°	435 €	46 €
KRA 125 / 90° - 180°	520 €	52 €



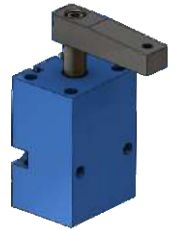
KRA-C DERECE AYARLI DÖNER AKTUATÖRLER / Rotary Actuators

MODEL	€ EURO	MANYETİK
KRA-C 25 / 90° - 180°	190 €	12 €
KRA-C 32 / 90° - 180°	250 €	18 €
KRA-C 40 / 90° - 180°	285 €	24 €
KRA-C 50 / 90° - 180°	325 €	29 €
KRA-C 63 / 90° - 180°	380 €	35 €
KRA-C 80 / 90° - 180°	475 €	40 €
KRA-C 100 / 90° - 180°	570 €	46 €
KRA-C 125 / 90° - 180°	635 €	52 €



BGDK BLOK GÖVDE DÖNER KLEMP / Swing Clamp

MODEL	€ EURO	MANYETİK
BGDK 25 / 90°	125 €	12 €
BGDK 32 / 90°	135 €	18 €
BGDK 40 / 90°	140 €	24 €
BGDK 50 / 90°	160 €	29 €



MKA DÖNER KLEMP / Swing Clamp

MODEL	€ EURO	MANYETİK
MKA 25 / 90°	125 €	12 €
MKA 32 / 90°	130 €	18 €
MKA 40 / 90°	135 €	24 €
MKA 50 / 90°	160 €	29 €
MKA 63 / 90°	185 €	35 €





KISA TİP DÖNER KLEMP / Short Type Swivel Clamp

MODEL	€ EURO
As125 / 90°	80 €
As132 / 90°	87 €
As140 / 90°	102 €
As150 / 90°	110 €
As163 / 90°	145 €



K89Y YUVARLAK GÖVDE DÖNER KLEMP / Round Type Swivel Clamp

MODEL	€ EURO
K89Y 32 / 90°	137 €
K89Y 40 / 90°	175 €
K89Y 50 / 90°	210 €
K89Y 63 / 90°	245 €



KCL DÖNER KLEMP / Round Type Swivel Clamp

MODEL	€ EURO
K89Y 32 / 90°	265 €
K89Y 40 / 90°	300 €
K89Y 50 / 90°	335 €
K89Y 63 / 90°	370 €



MSA DÜZ KLEMP / Basic Type Swivel Clamp

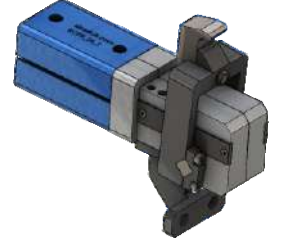
MODEL	MANYETİK
MSA 32	55 €
MSA 40	63 €
MSA 50	72 €
MSA 63	82 €





KCPR POWER KLEMP / Power Clamp

MODEL	€ EURO	MANYETİK
KCPR 25	460 €	12 €
KCPR 32	520 €	18 €
KCPR 40	555 €	24 €
KCPR 50	610 €	29 €
KCPR 63	670 €	35 €



KGK POWER KLEMP / Power Clamp

MODEL	€ EURO
KGK 25	517 €
KGK 32	575 €
KGK 40	635 €
KGK 50	690 €
KGK 63	750 €



KPM PNÖMATİK MENGENE / Pneumatic Clamp

MODEL	€ EURO	MANYETİK
KPM / 80	290 €	12 €
KPM / 100	290 €	12 €
KPM / 125	290 €	12 €



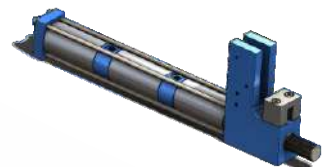
KTWR İKİZ MİLLİ SİLİNDİR / Twin Rod Cylinder

STROK	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
100 mm	40 €	46 €	57 €	75 €	105 €	135 €
200 mm	46 €	52 €	70 €	86 €	120 €	150 €
300 mm	52 €	57 €	80 €	100 €	130 €	166 €
400 mm	57 €	65 €	90 €	110 €	145 €	185 €
500 mm	65 €	70 €	105 €	120 €	160 €	200 €
İlave 1 cm Fiyatı	0.6 €	0.8 €	1.2 €	1.2 €	1.4 €	1.7 €
Manyetik Farkı	9 €	9 €	11 €	15 €	23 €	28 €



KTRC TRİDEM SİLİNDİR / Tridem Cylinder

MODEL	€ EURO	MANYETİK
KTRC 32	240 €	12 €
KTRC 40	265 €	12 €





KISA TİP DÖNMEZ MİLLİ SİLİNDİR / Short Strok Non Rotate Cylinder

STROK	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	210 €	260 €	310 €	415 €
20 mm	225 €	270 €	330 €	430 €
30 mm	235 €	280 €	340 €	450 €
40 mm	240 €	295 €	345 €	455 €
50 mm	250 €	300 €	350 €	460 €
60 mm	255 €	305 €	355 €	465 €
70 mm	260 €	310 €	360 €	480 €
80 mm	265 €	315 €	370 €	490 €
90 mm	270 €	325 €	375 €	500 €
100 mm	280 €	330 €	380 €	510 €



Daha uzun stroklar için lütfen bilgi alınız.

DÖNMEZ MİLLİ SİLİNDİR / Non Rotate Cylinder

STROK	Ø 50	Ø 63	Ø 80	Ø 100
50 mm	74 €	92 €	120 €	150 €
100 mm	79 €	96 €	125 €	155 €
160 mm	84 €	101 €	128 €	165 €
200 mm	87 €	105 €	133 €	175 €
250 mm	90 €	110 €	138 €	185 €
300 mm	95 €	115 €	142 €	195 €
350 mm	100 €	120 €	147 €	205 €
400 mm	105 €	125 €	151 €	215 €
450 mm	107 €	128 €	156 €	220 €
500 mm	110 €	133 €	161 €	230 €



Daha uzun stroklar için lütfen bilgi alınız.

SDAQ STROK AYARLI SİLİNDİR / SDAQ Adjustable Stroke Cylinder

STROK	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	46 €	55 €	75 €	88 €	132 €	162 €
25 mm	46 €	55 €	75 €	88 €	132 €	162 €
50 mm	52 €	57 €	77 €	92 €	137 €	166 €
100 mm	58 €	63 €	82 €	97 €	140 €	172 €
150 mm	63 €	70 €	88 €	103 €	147 €	178 €
200 mm	70 €	75 €	95 €	110 €	151 €	184 €

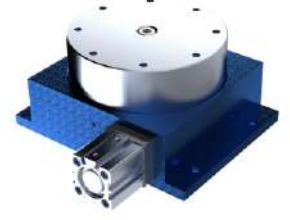


Daha farklı stroklar için lütfen bilgi alınız.



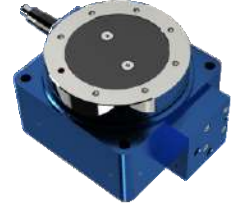
POZİSYONLAMA DÖNER TABLA / INDEX Pneumatic Rotary Table

MODEL	FİYAT	MANYETİK
RTIND 25	520 €	12 €
RTIND 32	575 €	17 €
RTIND 40	635 €	28 €



POZİSYONLAMA DÖNER TABLA / INDEX Pneumatic Rotary Table

MODEL	FİYAT
RTINDS 3	690 €
RTINDS 4	690 €



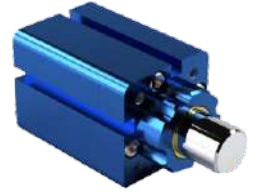
KRSQ STOPER FREN SİLİNDİRLERİ / Stoper Cylinders

MODEL	FİYAT
KRSQ 32	60 €
KRSQ 40	75 €
KRSQ 50	100 €



STOPER SİLİNDİRLER / Stoper Cylinders

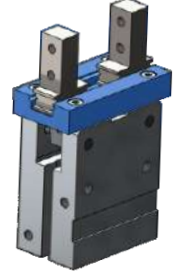
MODEL	FİYAT
KSTPC 32	35 €





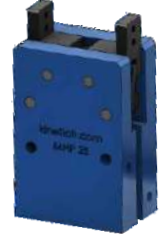
MHZ2 PARALEL TUTUCU / Parallel Gripper

MODEL	€ EURO
MHZ2 16	75 €
MHZ2 20	80 €
MHZ2 25	100 €
MHZ2 32	115 €
MHZ2 40	125 €



MHP PARALEL TUTUCU / Parallel Gripper

MODEL	€ EURO
MHP 16	75 €
MHP 20	80 €
MHP 25	100 €
MHP 32	115 €
MHP 40	125 €



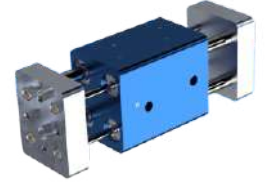
PNÖMATİK MANYETİK TUTUCU / Pneumatic Magnet Gripper

MODEL	€ EURO
KMG 25	100 €
KMG 32	105 €
KMG 40	109 €
KMG 50	112 €



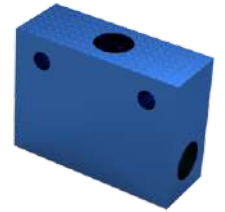
PNÖMATİK GENİŞ TİP TUTUCU / Pneumatic Large Type Gripper

MODEL	€ EURO
MGPH 32	575 €



ST VEYA VALFİ / ST Shuttle Valve

MODEL	€ EURO
ST01 - 1/8	5 €
ST02 - 1/4	5.75 €
ST03 - 3/8	9 €
ST04 - 1/2	13 €



CV VAKUM VALFİ / CV Vacuum Valve

MODEL	€ EURO
CV 10 1/8	17 €
CV 15 1/4	23 €
CV 20 3/8	32 €
CV 25 1/2	40 €
CV 30 3/4	57 €





RODLESS MİLSİZ SİLİNDİR / Rodless Cylinder

MODEL	FİYAT
RCY 25 - 300	232 €
RCY 25 - 400	239 €
RCY 25 - 500	246 €
RCY 25 - 600	253 €
RCY 25 - 700	260 €
RCY 25 - 800	262 €
RCY 25 - 900	264 €
RCY 25 - 1000	266 €
RCY 25 - 1200	269 €
RCY 25 - 1400	272 €
RCY 25 - 1500	273 €
RCY 25 - 1600	276 €
RCY 25 - 1700	278 €



KNG AĞ TABANCASI / Network Gun

MODEL	FİYAT
KNG AĞ TABANCASI	255 €
YEDEK AĞ	40 €
YEDEK KURŞUN (1 AD.)	1.7 €
KARTUŞ 16 Gr	5 €
KARTUŞ 12 Gr	0.75 €





KHPA HİDRO PNÖMATİK SİLİNDİR / Hydro Pneumatic Cylinders

STROK Stroke	İŞ STROĞU Working Stroke	KUVVET 3 ton KHPA3	KUVVET 7 ton KHPA7	KUVVET 13 ton KHPA13	KUVVET 20 ton KHPA20	KUVVET 28 ton KHPA28
0 - 200 mm	5 mm	1015 €	1130 €	1245 €	1450 €	1770 €
0 - 200 mm	10 mm	1070 €	1185 €	1300 €	1510 €	1890 €
0 - 200 mm	15 mm	1130 €	1245 €	1360 €	1565 €	2000 €
0 - 200 mm	20 mm	1185 €	1300 €	1420 €	1620 €	2120 €
0 - 200 mm	25 mm	1245 €	1360 €	1480 €	1680 €	2230 €
0 - 200 mm	30 mm	1300 €	1420 €	1530 €	1780 €	2345 €
0 - 200 mm	35 mm	1360 €	1480 €	1560 €	1900 €	2460 €
Manyetik Farkı		28 €	28 €	46 €	57 €	92 €

Farklı strok ve kuvvetler için lütfen fiyat alınız.



KHP HİDRO PNÖMATİK SİLİNDİR / Hydro Pneumatic Cylinders

STROK Stroke	İŞ STROĞU Working Stroke	KUVVET 6 ton KHP6	KUVVET 13 ton KHP13
0 - 200 mm	5 mm	1610 €	1840 €
0 - 200 mm	10 mm	1670 €	1890 €
0 - 200 mm	15 mm	1725 €	1955 €
0 - 200 mm	20 mm	1840 €	2015 €
0 - 200 mm	25 mm	1890 €	2070 €
0 - 200 mm	30 mm	1955 €	2130 €
0 - 200 mm	35 mm	2015 €	2190 €
Manyetik Farkı		23 €	40 €

Farklı strok ve kuvvetler için lütfen fiyat alınız.



CHPS HİDRO PNÖMATİK SİLİNDİR / Hydro Pneumatic Cylinders

STROK Stroke	İŞ STROĞU Working Stroke	KUVVET 7 ton CHPS7	KUVVET 13 ton CHPS13
0 - 200 mm	5 mm	1670 €	1785 €
0 - 200 mm	10 mm	1725 €	1840 €
0 - 200 mm	15 mm	1840 €	1900 €
0 - 200 mm	20 mm	1890 €	1960 €
0 - 200 mm	25 mm	1955 €	2015 €
0 - 200 mm	30 mm	2015 €	2070 €
0 - 200 mm	35 mm	2070 €	2130 €
Manyetik Farkı		23 €	40 €

Farklı strok ve kuvvetler için lütfen fiyat alınız.





THP HİDROPNÖMATİK PRESLER / THP HydroPneumatic Press

MODEL	BASIC	ECO	PRO
THP 02	2070 €	3795 €	5175 €
THP 05	2990 €	4830 €	6670 €
THP 07	3680 €	5750 €	8050 €
THP 13	5750 €	8050 €	10350 €
THP 20	7480 €	9780 €	13800 €



KHC HİDROÇEK / Hydrocheck

STROK	Ø 40	Ø 50	Ø 63
100 mm	130 €	160 €	185 €
200 mm	150 €	185 €	210 €
300 mm	175 €	210 €	230 €
400 mm	195 €	230 €	255 €
500 mm	220 €	255 €	280 €
600 mm	240 €	280 €	300 €



KATF SERİSİ YASTIKLI HİDROÇEK / KATF Series Cushion Hydrocheck

STROK	Ø 50	Ø 63	Ø 80
50 mm	265 €	290 €	325 €
100 mm	290 €	310 €	345 €
200 mm	325 €	345 €	380 €
300 mm	355 €	380 €	415 €



BOOSTER BASINÇ YÜKSELTİCİ SİLİNDİR / Pressure Booster Cylinder

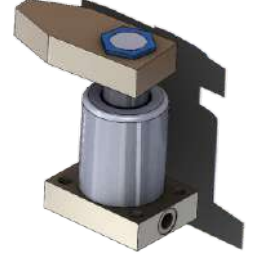
MODEL	FİYAT
KBSST 40	500 \$





HMKA HİDROLİK DÖNER KLEMP / Hydraulic Swivel Clamp

MODEL	€ EURO
HMKA 25 / 90°	130 €
HMKA 32 / 90°	140 €
HMKA 40 / 90°	150 €
HMKA 50 / 90°	175 €
HMKA 63 / 90°	195 €



HOS1 HİDROLİK DÖNER KLEMP / Hydraulic Swivel Clamp

MODEL	€ EURO
HOS1 32	152 €
HOS1 40	165 €
HOS1 50	190 €
HOS1 63	215 €



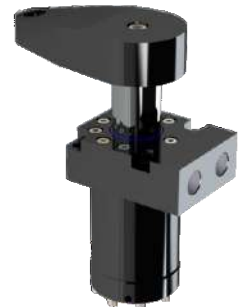
LEVYE TİP HİDROLİK DÖNER KLEMP / Lever Type Hydraulic Swivel Clamp

MODEL	€ EURO
HDHS 00	140 €
HDHS 01	160 €
HDHS 02	175 €
HDHS 03	200 €
HDHS 04	230 €



HİDROLİK DÖNER KLEMP / Hydraulic Swivel Clamp

MODEL	€ EURO
HSU 22	130 €
HSU 52	145 €
HSU 92	155 €
HSU 121	175 €
HSU 202	220 €
HSU 352	325 €





HMSA HİDROLİK DÜZ KLEMP / Hydraulic Clamp

MODEL	€ EURO
HMSA 25	115 €
HMSA 32	130 €
HMSA 40	140 €
HMSA 50	150 €
HMSA 63	160 €



PWR HİDROLİK MİNİ ÜNİTE / Hydraulic Power Pack

EKİPMANLAR	FİYAT / EURO
0.63 cc - 8 cc	50 €
Popetli Ana Blok	150 €
Popetsiz Ana Blok	86 €
Valf Pleyt	24 €
Popet Valf	NC - 60 € NA - 50 €
Ng6 Tek Bob. Valf	46 €
Ng6 Çift Bob. Valf	60 €
1.5 lt - 5 lt Depo	D - 19 € Y - 21 €
6 lt - 10 lt Depo	D - 30 € Y - 29 €
12 lt - 15 lt Depo	D - 33 € Y - 33 €
0.37 kw - 0.75 kw 380V AC Mot.	140 €
1.1 kw - 3 kw 380V AC Mot.	280 €
0.75 kw - 1.1 kw 220V AC Mot.	145 €
1.5 kw - 2.2 kw 220V AC Mot.	195 €
0.8 kw 12V DC - 24V DC Mot.	135 €
1.5 kw 12V DC Mot.	160 €
2 kw - 2.2 kw 24V DC Mot.	175 €
3 kw 24V DC Mot.	355 €
Kaplin Kampana Filtre Takımı	(0.37 - 0.55 KW) 29 € (0.75 - 1.1 KW) 35 € (1.5 - 3 KW) 42 €





KLC KİLİTLİ HİDROLİK SİLİNDİRLER / Self Locking Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40
10 mm	150 €	160 €	175 €
25 mm	160 €	175 €	185 €
50 mm	175 €	185 €	195 €
75 mm	185 €	195 €	210 €
100 mm	195 €	210 €	220 €
150 mm	210 €	220 €	230 €
Manyetik Farkı	10 €	12 €	17 €



KHRB KİLİTLİ HİDROLİK SİLİNDİRLER / Self Locking Hydraulic Cylinders

STROK	Ø 32	Ø 40
10 mm	160 €	175 €
25 mm	175 €	185 €
50 mm	185 €	195 €
75 mm	195 €	210 €
100 mm	210 €	220 €
150 mm	220 €	230 €
Manyetik Farkı	14 €	17 €





KBZ-02 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	86 €	103 €	120 €	132 €	150 €	175 €	245 €
25 mm	90 €	110 €	126 €	143 €	175 €	195 €	280 €
50 mm	96 €	136 €	150 €	167 €	195 €	220 €	310 €
75 mm	102 €	160 €	173 €	190 €	220 €	240 €	345 €
100 mm	108 €	185 €	195 €	213 €	240 €	265 €	380 €
150 mm	115 €	210 €	220 €	235 €	265 €	287 €	415 €

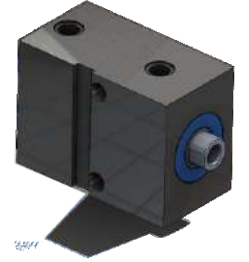
Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KBZ-03 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	86 €	103 €	120 €	132 €	150 €	175 €	245 €
25 mm	90 €	110 €	126 €	143 €	175 €	195 €	280 €
50 mm	96 €	136 €	150 €	167 €	195 €	220 €	310 €
75 mm	102 €	160 €	173 €	190 €	220 €	240 €	345 €
100 mm	108 €	185 €	195 €	213 €	240 €	265 €	380 €
150 mm	115 €	210 €	220 €	235 €	265 €	287 €	415 €

Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KBZ-04 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	86 €	103 €	120 €	132 €	150 €	175 €	245 €
25 mm	90 €	110 €	126 €	143 €	175 €	195 €	280 €
50 mm	96 €	136 €	150 €	167 €	195 €	220 €	310 €
75 mm	102 €	160 €	173 €	190 €	220 €	240 €	345 €
100 mm	108 €	185 €	195 €	213 €	240 €	265 €	380 €
150 mm	115 €	210 €	220 €	235 €	265 €	287 €	415 €

Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KBZ-05 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	86 €	103 €	120 €	132 €	150 €	175 €	245 €
25 mm	90 €	110 €	126 €	143 €	175 €	195 €	280 €
50 mm	96 €	136 €	150 €	167 €	195 €	220 €	310 €
75 mm	102 €	160 €	173 €	190 €	220 €	240 €	345 €
100 mm	108 €	185 €	195 €	213 €	240 €	265 €	380 €
150 mm	115 €	210 €	220 €	235 €	265 €	287 €	415 €

Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.





KBZ-06 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	75 €	90 €	105 €	115 €	130 €	150 €	210 €
25 mm	79 €	95 €	110 €	125 €	150 €	170 €	240 €
50 mm	84 €	119 €	130 €	145 €	170 €	190 €	270 €
75 mm	89 €	140 €	150 €	165 €	190 €	210 €	300 €
100 mm	94 €	160 €	170 €	185 €	210 €	230 €	330 €
150 mm	100 €	180 €	190 €	205 €	230 €	250 €	360 €

Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KBZ-07 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	75 €	90 €	105 €	115 €	130 €	150 €	210 €
25 mm	79 €	95 €	110 €	125 €	150 €	170 €	240 €
50 mm	84 €	119 €	130 €	145 €	170 €	190 €	270 €
75 mm	89 €	140 €	150 €	165 €	190 €	210 €	300 €
100 mm	94 €	160 €	170 €	185 €	210 €	230 €	330 €
150 mm	100 €	180 €	190 €	205 €	230 €	250 €	360 €

Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KBZ-08 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
25 mm	80 €	96 €	112 €	128 €	152 €	184 €	240 €
30 mm	88 €	104 €	120 €	136 €	160 €	192 €	248 €
40 mm	96 €	112 €	128 €	144 €	168 €	200 €	256 €
50 mm	104 €	120 €	136 €	152 €	176 €	208 €	264 €
60 mm	112 €	128 €	144 €	160 €	184 €	216 €	272 €
80 mm	120 €	136 €	152 €	168 €	192 €	224 €	280 €
80 mm	128 €	144 €	160 €	176 €	200 €	232 €	288 €
90 mm	136 €	152 €	168 €	184 €	208 €	240 €	296 €
100 mm	144 €	160 €	176 €	192 €	216 €	248 €	304 €





KBZ-09 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
25 mm	90 €	110 €	127 €	145 €	173 €	208 €	272 €
30 mm	97 €	119 €	136 €	154 €	182 €	218 €	280 €
40 mm	110 €	127 €	145 €	163 €	165 €	227 €	290 €
50 mm	119 €	137 €	154 €	173 €	190 €	235 €	300 €
60 mm	126 €	145 €	164 €	182 €	208 €	245 €	308 €
70 mm	137 €	155 €	177 €	165 €	218 €	255 €	318 €
80 mm	145 €	164 €	182 €	190 €	227 €	264 €	327 €
90 mm	155 €	173 €	190 €	208 €	235 €	272 €	335 €
100 mm	167 €	182 €	200 €	218 €	245 €	280 €	345 €



KBZ-10 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
25 mm	89 €	109 €	124 €	145 €	173 €	209 €	272 €
30 mm	96 €	118 €	137 €	155 €	182 €	218 €	280 €
40 mm	109 €	124 €	145 €	167 €	190 €	227 €	290 €
50 mm	118 €	137 €	155 €	173 €	195 €	235 €	300 €
60 mm	124 €	145 €	167 €	182 €	209 €	245 €	308 €
70 mm	137 €	155 €	173 €	190 €	218 €	254 €	317 €
80 mm	145 €	167 €	182 €	195 €	227 €	264 €	326 €
90 mm	155 €	173 €	190 €	209 €	235 €	272 €	335 €
100 mm	167 €	182 €	195 €	218 €	245 €	280 €	345 €



KBZ-11 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	86 €	104 €	121 €	132 €	150 €	172 €	241 €
25 mm	91 €	109 €	127 €	144 €	172 €	195 €	276 €
50 mm	96 €	137 €	150 €	167 €	195 €	218 €	310 €
75 mm	102 €	161 €	173 €	190 €	218 €	253 €	345 €
100 mm	108 €	184 €	196 €	213 €	253 €	264 €	379 €
150 mm	115 €	207 €	219 €	236 €	264 €	287 €	414 €



Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KBZ-12 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	86 €	104 €	121 €	132 €	150 €	172 €	241 €
25 mm	91 €	109 €	127 €	144 €	172 €	195 €	276 €
50 mm	96 €	137 €	150 €	167 €	195 €	218 €	310 €
75 mm	102 €	161 €	173 €	190 €	218 €	253 €	345 €
100 mm	108 €	184 €	196 €	213 €	253 €	264 €	379 €
150 mm	115 €	207 €	219 €	236 €	264 €	287 €	414 €



Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KVSP HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	104 €	121 €	140 €	150 €	170 €	175 €	210 €
25 mm	108 €	127 €	150 €	150 €	175 €	195 €	280 €
50 mm	112 €	133 €	175 €	180 €	195 €	220 €	310 €
75 mm	118 €	196 €	200 €	205 €	220 €	245 €	345 €
100 mm	122 €	175 €	220 €	225 €	245 €	265 €	380 €
150 mm	127 €	220 €	245 €	250 €	265 €	290 €	415 €

Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KUSB_B UZUN STROKLU HİDROLİK SİLİNDİRLER / KUSB Series Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
150 mm	110 €	120 €	135 €	145 €	150 €	165 €	175 €
200 mm	120 €	135 €	145 €	155 €	165 €	175 €	185 €
250 mm	135 €	145 €	155 €	170 €	175 €	185 €	195 €
300 mm	145 €	155 €	170 €	185 €	185 €	195 €	210 €
350 mm	155 €	170 €	180 €	195 €	195 €	210 €	218,5
400 mm	170 €	180 €	190 €	325 €	210 €	220 €	230 €



KSWC-01 HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	100 €	115 €	135 €	145 €	165 €	185 €	255 €
25 mm	105 €	120 €	135 €	150 €	180 €	200 €	285 €
50 mm	110 €	145 €	155 €	175 €	200 €	225 €	220 €
75 mm	115 €	170 €	180 €	200 €	225 €	250 €	350 €
100 mm	120 €	190 €	200 €	190 €	250 €	270 €	385 €
150 mm	135 €	215 €	225 €	245 €	270 €	295 €	420 €

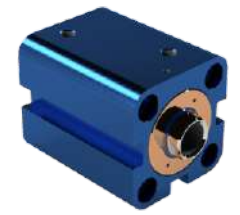
Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.



KSWC-03-M MANYETİK HİDROLİK SİLİNDİRLER / Hydraulic Cylinders

STROK	Ø 25	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
10 mm	100 €	115 €	135 €	145 €	165 €	185 €	255 €
25 mm	105 €	120 €	135 €	150 €	180 €	200 €	285 €
50 mm	110 €	145 €	155 €	175 €	200 €	225 €	220 €
75 mm	115 €	170 €	180 €	200 €	225 €	250 €	350 €
100 mm	120 €	190 €	200 €	190 €	250 €	270 €	385 €
150 mm	135 €	215 €	225 €	245 €	270 €	295 €	420 €

Dönmez milli istenildiğinde %50 fiyatlara ilave edilmedilir.





KHCC CETOP HİDROLİK SİLİNDİRLER / KHCC Cetop Hydraulic Cylinders

STROK	Ø 32/20	Ø 40/28	Ø 50/30	Ø 63/35	Ø 80/45	Ø 100/55
50 mm	52 €	66 €	132 €	164 €	228 €	332 €
100 mm	54 €	69 €	138 €	163 €	240 €	397 €
200 mm	60 €	75 €	150 €	176 €	255 €	405 €
300 mm	65 €	80 €	161 €	190 €	241 €	350 €
400 mm	73 €	87 €	175 €	205 €	300 €	435 €
500 mm	80 €	94 €	188 €	225 €	325 €	475 €
600 mm	86 €	101 €	203 €	241 €	350 €	510 €
700 mm	95 €	110 €	220 €	261 €	380 €	550 €
800 mm	102 €	118 €	238 €	282 €	410 €	595 €
900 mm	112 €	128 €	257 €	304 €	444 €	645 €
1000 mm	123 €	139 €	278 €	330 €	480 €	697 €
Flanş Bağlantı	12 €	14 €	16 €	19 €	22 €	26 €
Burçlu Mafsall	5,75 €	6,3 €	6,5 €	7,5 €	8 €	9 €
Oynar Mafsall	5,75 €	6,7 €	8,6 €	8,6 €	12 €	12 €
Ayak Bağlantı	7 €	7,5 €	7,8 €	9 €	17 €	18 €

KHCD Serileri için fiyatlara %30 ilave edilir.



HC_A SERİSİ HİDROLİK SİLİNDİRLER / HC_A Series Hydraulic Cylinders

STROK	Ø 32/20	Ø 40/25	Ø 50/30	Ø 63/35	Ø 80/45	Ø 100/55
50 mm	64 €	70 €	78 €	88 €	112 €	146 €
100 mm	69 €	75 €	84 €	95 €	120 €	156 €
200 mm	75 €	86 €	96 €	109 €	138 €	180 €
300 mm	84 €	99 €	110 €	125 €	157 €	205 €
400 mm	93 €	113 €	126 €	145 €	180 €	235 €
500 mm	102 €	130 €	145 €	165 €	207 €	270 €
600 mm	112 €	148 €	165 €	187 €	237 €	308 €
700 mm	124 €	170 €	189 €	215 €	270 €	353 €
800 mm	138 €	195 €	217 €	246 €	309 €	404 €
900 mm	150 €	223 €	250 €	281 €	355 €	463 €
1000 mm	166 €	255 €	285 €	323 €	406 €	530 €
Flanş Bağlantı	11 €	14 €	17 €	19 €	22 €	26 €
Burçlu Mafsall	5,7 €	6,3 €	6,5 €	7,5 €	8 €	9 €
Oynar Mafsall	5,7 €	6,6 €	8,6 €	8,6 €	11 €	11 €
Ayak Bağlantı	7 €	7,4 €	7,8 €	8,8 €	17 €	18 €





HTLSK HİDROLİK TELESKOPIK SİLİNDİRLER / Hydraulic Telescope Cylinders

MODEL	02-50	02-65	02-75	03-50	03-65	03-75	04-50	04-65	04-75
200 mm	460 €	495 €	520 €	610 €	635 €	670 €	785 €	1065 €	1176 €
300 mm	485 €	520 €	540 €	635 €	660 €	690 €	805 €	1092 €	1200 €
400 mm	510 €	540 €	565 €	660 €	680 €	715 €	830 €	1125 €	1230 €
500 mm	530 €	565 €	590 €	680 €	700 €	740 €	865 €	1150 €	1230 €
600 mm	555 €	590 €	610 €	700 €	725 €	760 €	874 €	1176 €	1260 €
700 mm	575 €	610 €	635 €	725 €	750 €	785 €	900 €	1200 €	1285 €
800 mm	600 €	635 €	660 €	750 €	770 €	805 €	920 €	1230 €	1338 €
900 mm	625 €	660 €	680 €	770 €	795 €	830 €	945 €	1260 €	1370 €
1000 mm	645 €	680 €	700 €	795 €	820 €	865 €	980 €	1285 €	1400 €
Flanş Bağlantı	12 €	14 €	14 €	16 €	14,5 €	16,5 €	19 €	26,4 €	32 €
Burçlu Mafsıl	5,7 €	6,5 €	6,5 €	6,5 €	6,5 €	6,5 €	7,5 €	8 €	11 €
Oynar Mafsıl	5,7 €	6,7 €	6,7 €	8,6 €	10 €	8,6 €	8,6 €	10 €	15 €
Ayak Bağlantı	7 €	7,5 €	7,5 €	7,8 €	9 €	7,8 €	8,8 €	21 €	22,5 €



KHMC HİDROLİK MANYETİK SİLİNDİRLER / Magnet Hydraulic Cylinders

STROK	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
50 mm	185 €	235 €	252 €	316 €	276 €	294 €
100 mm	195 €	252 €	264 €	331 €	300 €	312 €
150 mm	210 €	265 €	276 €	345 €	318 €	336 €
200 mm	220 €	276 €	294 €	368 €	342 €	360 €
300 mm	294 €	306 €	318 €	404 €	384 €	402 €
400 mm	382 €	330 €	348 €	396 €	438 €	486 €



KHYC HİDROLİK ve YASTIKLI SİLİNDİRLER / Hydraulic Cushion Cylinders

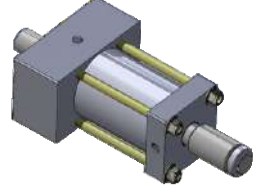
STROK	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
50 mm	90 €	104 €	118 €	192 €	264 €	291 €
100 mm	96 €	111 €	126 €	210 €	290 €	336 €
150 mm	105 €	118 €	132 €	222 €	318 €	372 €
200 mm	111 €	126 €	138 €	234 €	348 €	414 €
300 mm	124 €	138 €	153 €	264 €	402 €	456 €
400 mm	140 €	153 €	168 €	306 €	456 €	384 €
Yastık Farkı	28 €	35 €	42 €	48 €	55 €	69 €





STROK AYARLI HİDROLİK SİLİNDİR / Stroke Adjustable Hydraulic Cylinder

STROK	Ø 32	Ø 40	Ø 50	Ø 63	Ø 80	Ø 100
50 mm	222 €	234 €	252 €	252 €	276 €	294 €
100 mm	234 €	252 €	264 €	276 €	300 €	312 €
150 mm	252 €	264 €	276 €	294 €	318 €	336 €
200 mm	264 €	276 €	294 €	306 €	342 €	360 €
300 mm	288 €	306 €	318 €	336 €	384 €	402 €
400 mm	318 €	336 €	348 €	360 €	438 €	486 €



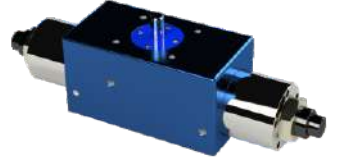
HİDROLİK İŞ DESTEK SİLİNDİRİ / Hydraulic Work Support

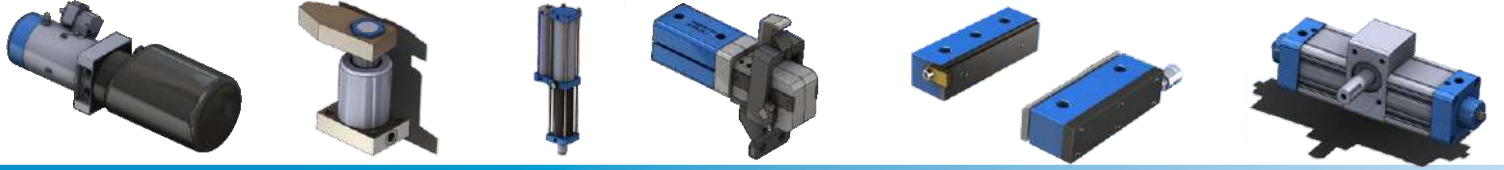
MODEL	
HWS16 A	198 €



HİDROLİK ROTARY AKTÜATOR / Hydraulic Rotary Actuator

MODEL	
KHRAC 63	966 €





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