



PRY SERİSİ

Mini Kızaklı Ø6-Ø20
Manyetikli Silindir (SA)



- ÇOKLU SENSÖR BAĞLANTI NOKTASI, SİLİNDİR KONTROLÜNÜ DAHA KOLAY HALE GETİRİR
- KOROZYONA VE OKSİTLENMEYE DAYANIKLI GÖVDE ELEMANLARI ZORLU ÇEVRE KOŞULLARINDA UZUN ÖMÜR SUNAR
- STROK SONU SABİT YASTIKLAMA TAMPONLARIYLA SESSİZ ÇALIŞMA
- HASSAS KIZAKLI YATAK SAYESİNDE, UZUN ÇALIŞMA ARALIKLARI İLE, SORUNSUZ HAREKET PERFORMANSI SUNAR
- GÖVDE ÜZERİNDEKİ BAĞLANTI SEÇENEKLERİ VE KÜÇÜLTÜLMÜŞ BOYUTLARI SAYESİNDE, EN ZOR DAR ALANLARDA KOLAY MONTAJ İMKÂNI SUNAR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P	R	Y	—	0	0	6	—	S	A	—	0	0	4	0
1-2-3 Seri			5-6-7 Silindir Ø (mm)					9 Silindir Tipi	10 Manyetik Algılama	12-13-14-15 Strok (Maks. mm)				
			006					S Standart	A Manyetikli	Silindir				
			010							Ø6 40				
			016							Ø10 50				
			020							Ø16 60				
										Ø20 60				

KUVVET DEĞERİ

Silindir Ø mm	Mil Ø mm	İtme ve Çekme kuvvetleri (6 Bar)	
		İtme kuvveti (N)	Çekme kuvveti (N)
6	3	17	13
10	4	47	40
16	6	121	104
20	8	188	158

ÇALIŞMA ŞARTLARI

Çalışma akışkanı:

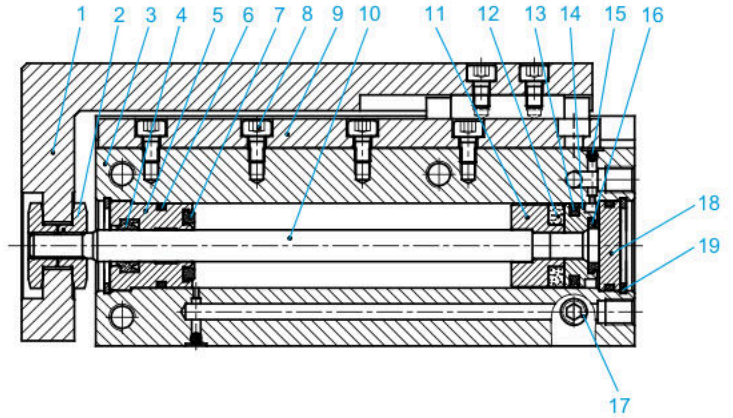
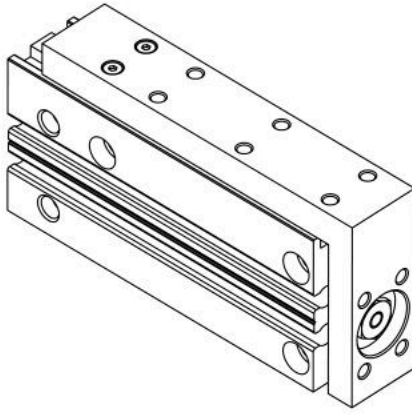
Filtrelenmiş ve yağlanmış ya da filtrelenmiş ve yağsız hava

Çalışma sıcaklık derecesi:

Poliüretan (PU): (-20°C) - (+80°C)

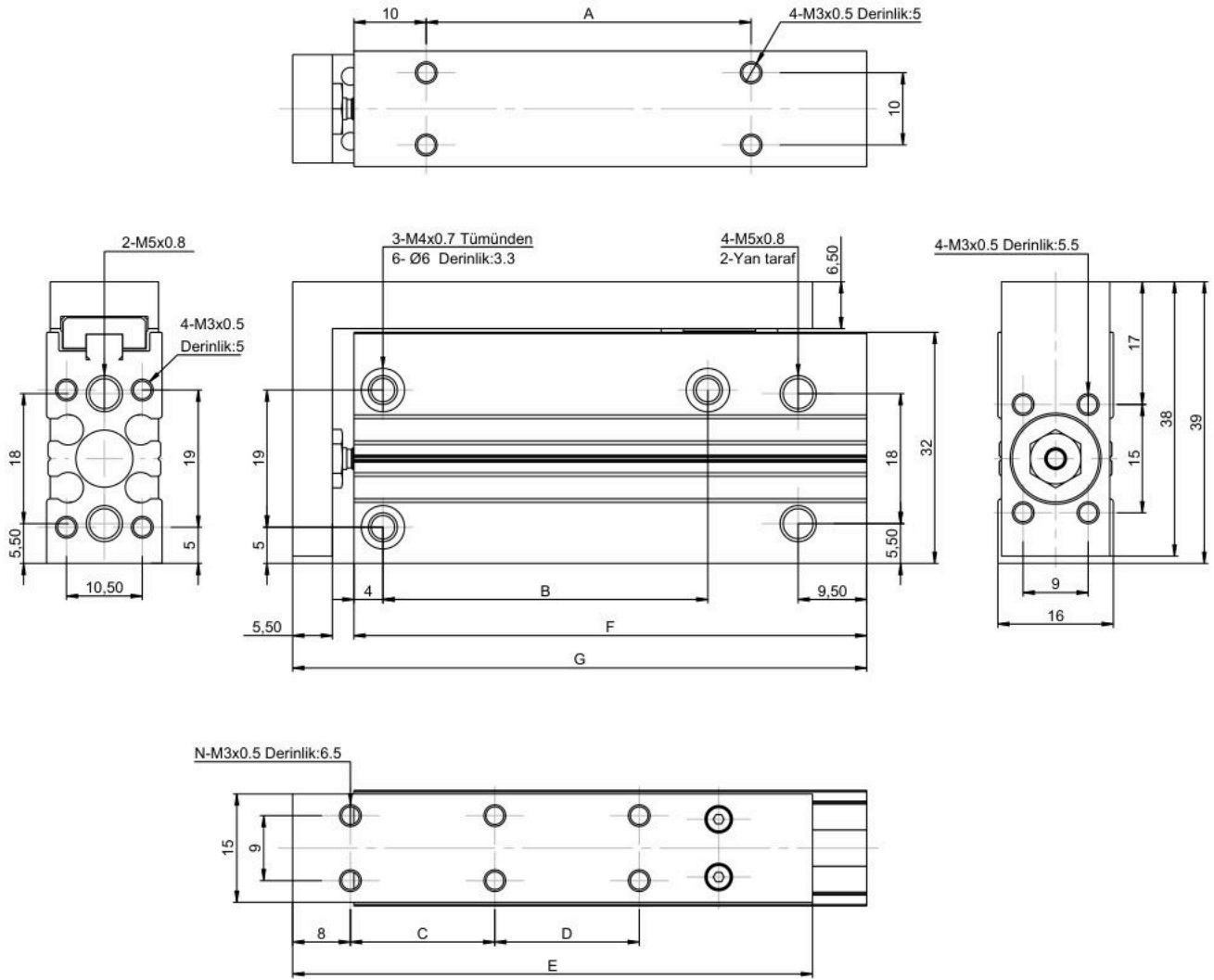
Çalışma basıncı: 2...7 Bar

Manyetikli Silindir (SA) Ø6-Ø20



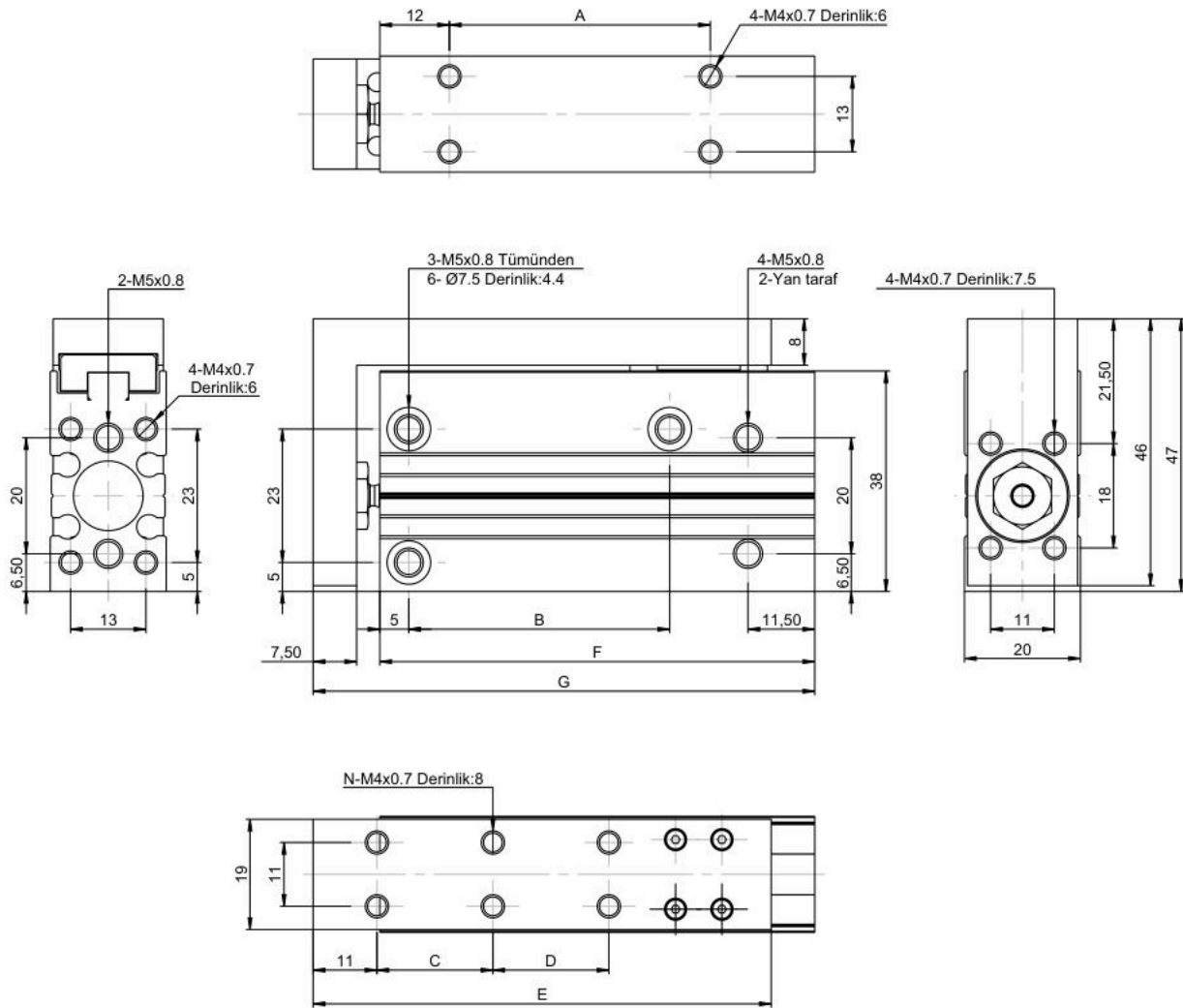
NO	MALZEME ADI	MALZEME ÖZELLİĞİ
1	L-TİPİ HAREKETLİ KIZAK	ALÜMİNYUM
2	KİLİT SOMUNU	KARBONLU ÇELİK
3	GÖVDE	ALÜMİNYUM
4	MİL KEÇESİ	NBR
5	ÖN KAPAK	ALÜMİNYUM
6	KAPAK O-RİNGİ	NBR
7	TAMPON	TPU
8	CIVATA	KARBONLU ÇELİK
9	DOĞRUSAL BİLYALI KIZAK RAYI	PASLANMAZ ÇELİK
10	PİSTON MİLİ	PASLANMAZ ÇELİK
11	MIKNATIS YATAK PULU	ALÜMİNYUM
12	MIKNATIS	NEODYUM DEMİR BOR
13	PİSTON NUTRİNGİ	NBR
14	ORTA PİSTON	ALÜMİNYUM
15	BİLYA	PASLANMAZ ÇELİK
16	TAMPON	TPU
17	KÖR TAPA	Cu
18	ARKA KAPAK	ALÜMİNYUM
19	SEGMAN	ÇELİK

Manyetikli Silindir (SA) Ø6



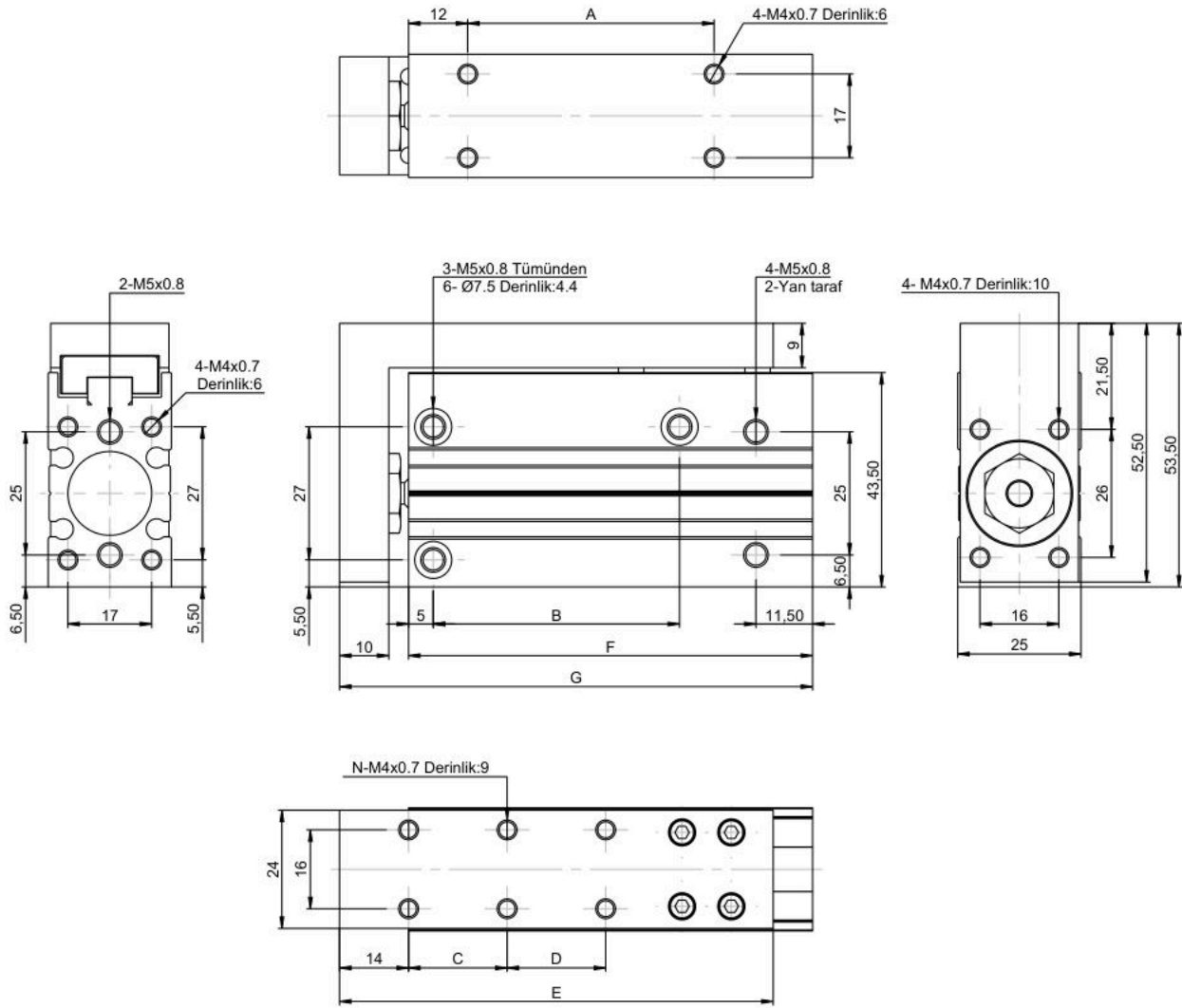
Standart Strok (mm)	A	B	C	D	E	F	G	N
5	10	14	10	-	42	36	44,5	4
10	15	14	10	-	42	41	49,5	4
15	20	24	20	-	52	46	54,5	4
20	25	24	20	-	52	51	59,5	4
25	30	30	30	-	62	56	64,5	4
30	35	30	30	-	62	61	69,5	4
40	45	45	20	20	72	71	79,5	6

Manyetikli Silindir (SA) Ø10



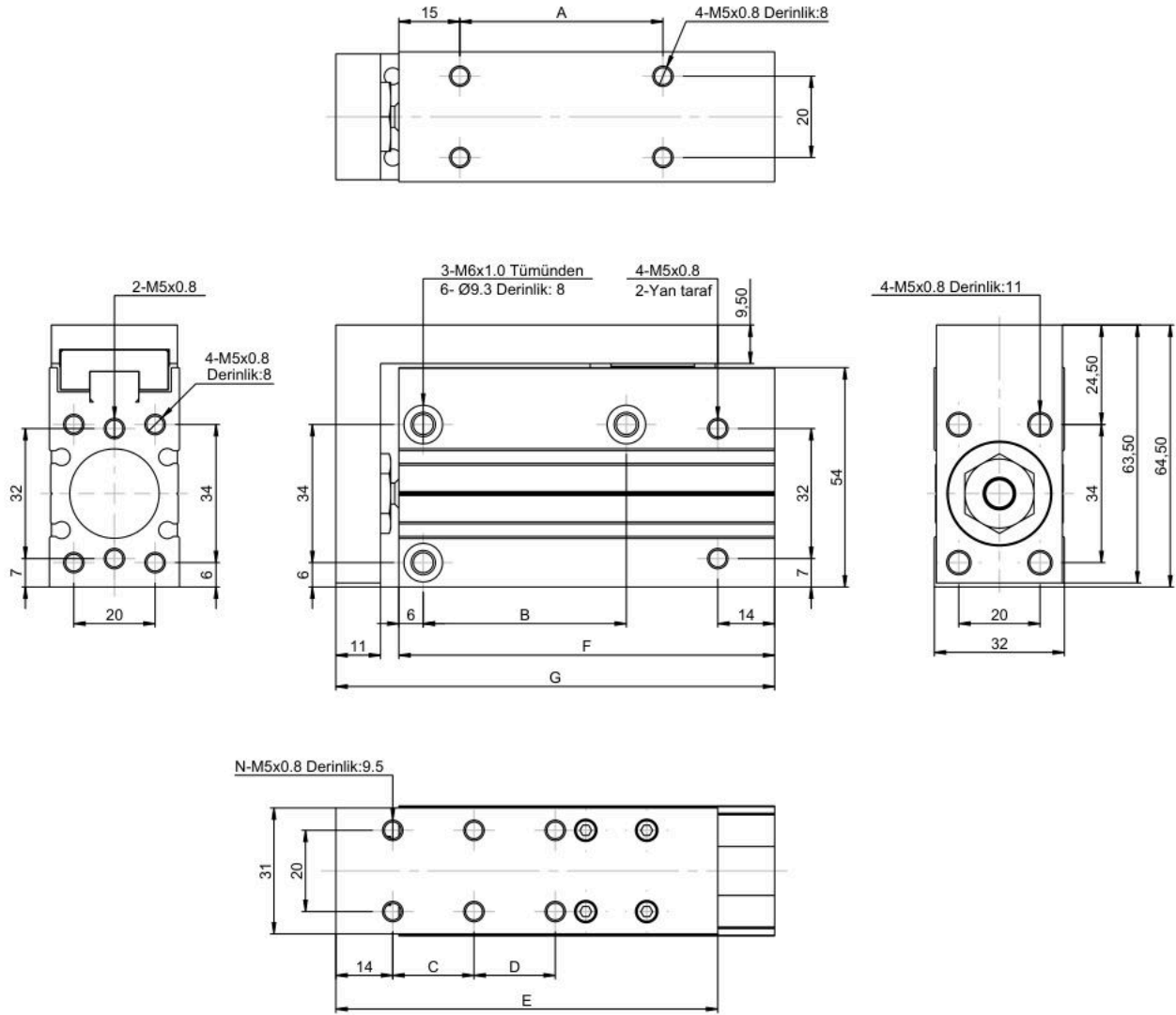
Standart Strok (mm)	A	B	C	D	E	F	G	N
5	10	14	10	-	49	40	51,5	4
10	15	14	10	-	49	45	56,5	4
15	20	24	20	-	59	50	61,5	4
20	25	24	20	-	59	55	66,5	4
25	30	30	30	-	69	60	71,5	4
30	35	30	30	-	69	65	76,5	4
40	45	45	20	20	79	75	86,5	6
50	55	55	25	25	89	85	96,5	6

Manyetikli Silindir (SA) Ø16



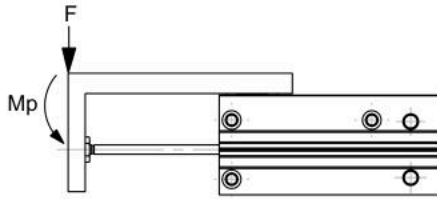
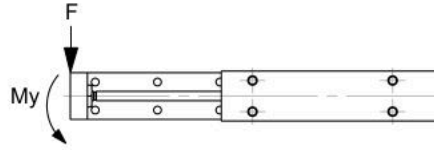
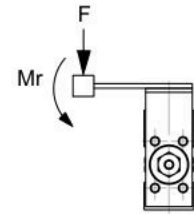
Standart Strok (mm)	A	B	C	D	E	F	G	N
5	15	20	10	-	58	47	61	4
10	20	20	10	-	58	52	66	4
15	25	30	20	-	68	57	71	4
20	30	30	20	-	68	62	76	4
25	35	40	30	-	78	67	81	4
30	40	40	30	-	78	72	86	4
40	50	50	20	20	88	82	96	6
50	60	60	25	25	98	92	106	6
60	70	60	30	30	108	102	116	6

Manyetikli Silindir (SA) Ø20



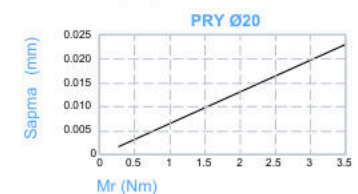
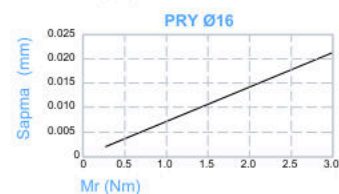
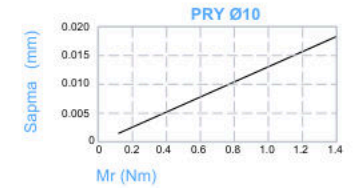
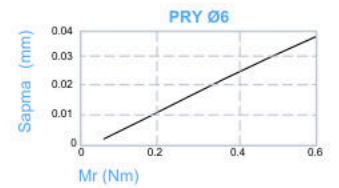
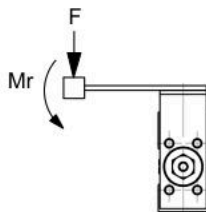
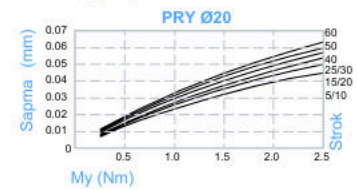
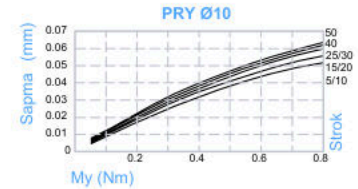
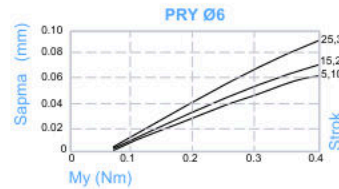
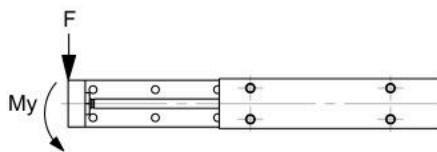
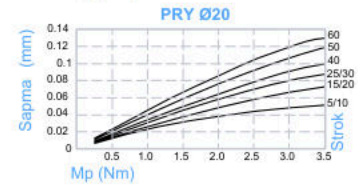
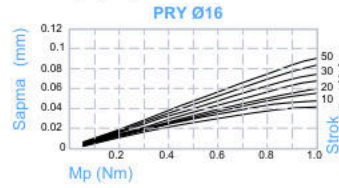
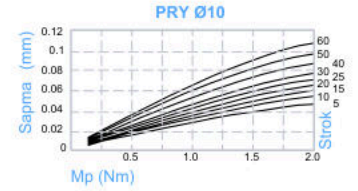
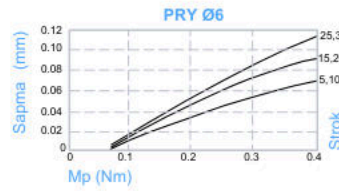
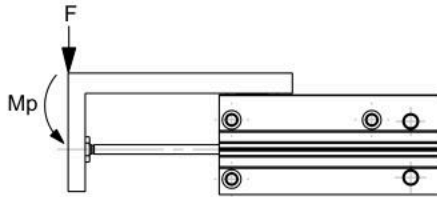
Standart Strok (mm)	A	B	C	D	E	F	G	N
5	15	20	10	-	64	57,5	73	4
10	20	20	10	-	64	62,5	78	4
15	25	25	20	-	74	67,5	83	4
20	30	25	20	-	74	72,5	88	4
25	35	40	30	-	84	77,5	93	4
30	40	40	30	-	84	82,5	98	4
40	50	50	20	20	94	92,5	108	6
50	60	70	25	25	104	102,5	118	6
60	70	70	30	30	114	112,5	128	6

Tork Değerleri

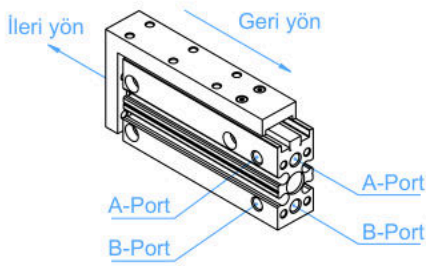
Moment M_p Moment M_y Moment M_r

Silindir Ø mm	Maks. Tork		
	M_p (Nm)	M_y (Nm)	M_r (Nm)
6	0,25	0,25	0,41
10	0,95	0,95	1,49
16	3,28	3,28	3,45
20	6,29	6,29	6,61

Bükülme Diyagramı

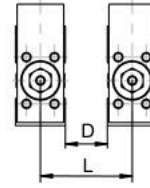


Hava portları ve çalışma yönü



A-Port : İleri yönlü hava girişi
B-Port : Geri yönlü hava girişi

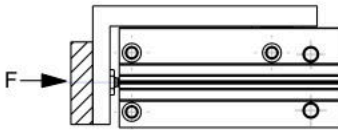
Sensör montaj mesafesi



Montaj mesafesi, tablodaki ölçüden az olduğunda, sensörün arızalanma tehlikesi vardır.

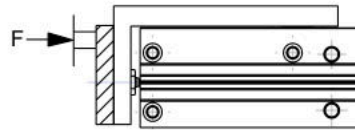
Silindir Ø mm	Minimum montaj mesafesi (mm)	
	D	L
6	5	21
10	5	25
16	10	35
20	15	47

Kuvvet uygulama noktası



DOĞRU UYGULAMA

Kuvvet uygulama noktası ve piston mili aynı eksenli olmalıdır.

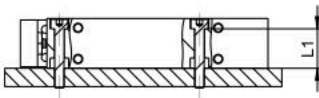


YANLIŞ UYGULAMA

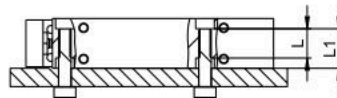
Kuvvet uygulama noktası ve piston mili aynı eksenli değil.

Cıvata boyları ve tork değerleri

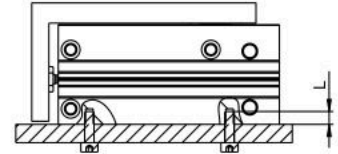
İş parçası hareketli kızak üstüne monte edilirken kullanılan cıvatanın boyu kızak kalınlığından daha uzun olmamalıdır. Aksi durumda hareketli kızak zarar görebilir.



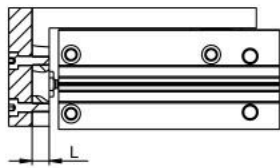
Silindir Ø mm	Cıvata	Maks. Sıkma Torku (Nm)	L1
6	M3x0.5	1,1	12,7
10	M4x0.7	2,5	15,6
16	M4x0.7	2,5	20,6
20	M5x0.8	5,1	24



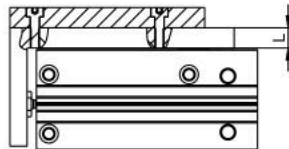
Silindir Ø mm	Cıvata	Maks. Sıkma Torku (Nm)	L	L1
6	M4x0.7	2,5	9,4	12,7
10	M5x0.8	5,1	11,2	15,6
16	M5x0.8	5,1	16,2	20,6
20	M6x1	8,1	16	24



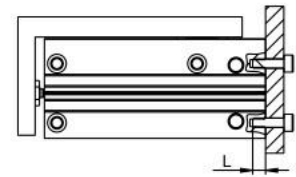
Silindir Ø mm	Cıvata	Maks. Sıkma Torku (Nm)	L
6	M3x0.5	1,1	5
10	M4x0.7	2,5	6
16	M4x0.7	2,5	6
20	M5x0.8	5,1	8



Silindir Ø mm	Cıvata	Maks. Sıkma Torku (Nm)	L
6	M3x0.5	1,1	5,5
10	M4x0.7	2,5	7,5
16	M4x0.7	2,5	10
20	M5x0.8	5,1	11



Silindir Ø mm	Cıvata	Maks. Sıkma Torku (Nm)	L
6	M3x0.5	1,1	6,5
10	M4x0.7	2,5	8
16	M4x0.7	2,5	9
20	M5x0.8	5,1	9,5



Silindir Ø mm	Cıvata	Maks. Sıkma Torku (Nm)	L
6	M3x0.5	1,1	5
10	M4x0.7	2,5	6
16	M4x0.7	2,5	6
20	M5x0.8	5,1	8