

Pnömatik Silindir Ölçü Kataloğu



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CETOP SERİSİ PNÖMATİK SİLİNDİRLER

CETOP SERIES PNEUMATIC CYLINDERS

Ölçüler ve Farklı Markalar İçin Lütfen İletişime Geçiniz



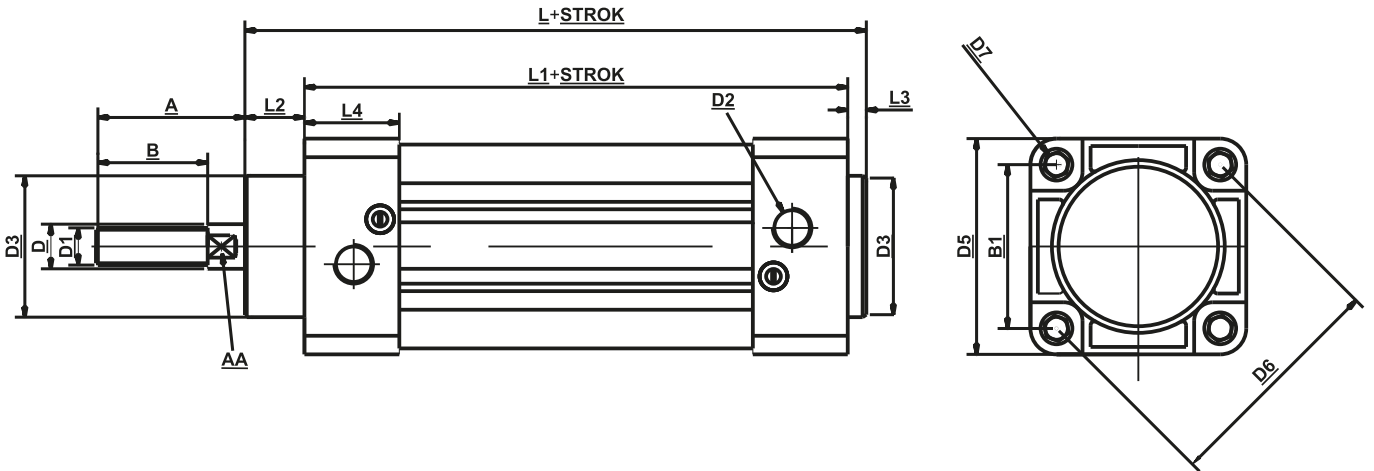
CETOP SERİSİ PNÖMATİK SİLİNDİRLER

CETOP SERIES PNEUMATIC CYLINDERS

MALZEME ÖZELLİKLERİ MATERIAL SPECIFICATIONS	
Mil(rod) Piston Rod	Sert Krom Kaplama Hard Chromium Plated
Kapaklar Covers	Alüminyum Enjeksiyon Aluminum
Gövde Cylinder Tube	Alüminyum Profil Aluminum
Boğaz Keçesi Cushioning Seal	Poliüretan + Nbr ▶ Polyurethane + Nbr
Piston Keçesi Piston Seal	Nbr ▶ Nbr
▶ Keçelerde isteğe bağlı viton uygulanır.	

Silindir Çapı Cylinder Diameter Ø	İtme Kuvveti Pushing Force (6 bar)	Çekme Kuvveti Pulling Force (6 bar)
32	48 kg	41 kg
40	75 kg	63 kg
50	118 kg	99 kg
63	187 kg	168 kg
80	301 kg	272 kg
100	471 kg	442 kg
125	735 kg	687 kg

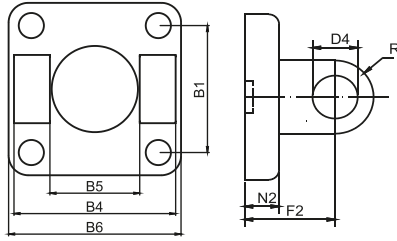
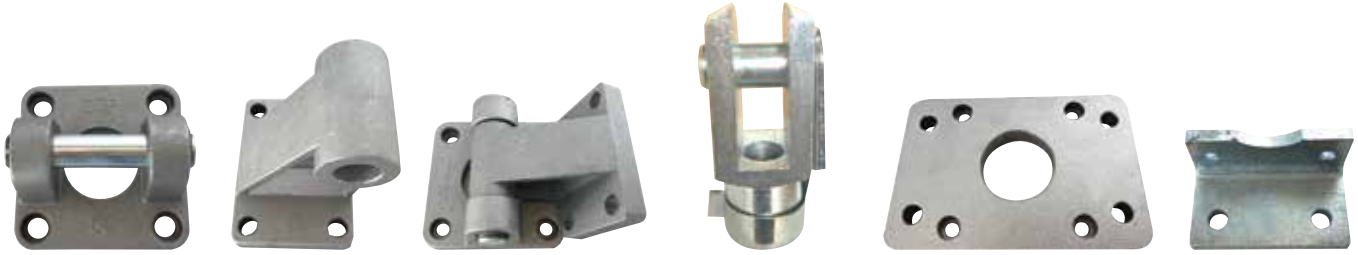
F = P x A F: uygulanan kuvvet (kg)
P: basınç (bar)
A: alan (cm²)



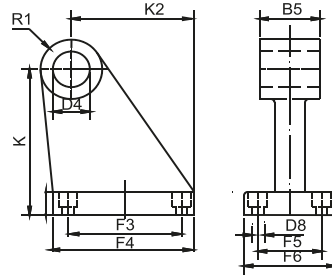
Silindir Ölçüsü	A	B	B1	D	D1	D2	D3	D5	D6	D7	L	L1	L2	L3	L4	AA
Ø 32	30	20	32.5	12	M10X1.25	1/8	30	45	46	M5	114	94	16.5	4	24.5	10
Ø 40	34	24	39.6	16	M12X1.25	1/4	35	54	56	M5	130	105	20	5	23	14
Ø 50	44	32	48	20	M16X1.5	1/4	40	65	68	M6	137	106	25	6	23	17
Ø 63	44	32	59.3	20	M16X1.5	3/8	42	80	84	M6	149	115	28	6	26.5	17
Ø 80	55	40	70.7	25	M20X1.5	3/8	48	94	100	M8	164	124	33.5	6.5	27	22
Ø 100	55	40	93.4	25	M20X1.5	1/2	52	120	132	M8	179	133	39	7	33	22
Ø 125	70	48	106	32	M27X2	1/2	63	140	150	M10	203	147	49	7	35	27

CETOP SERİSİ BAĞLANTI ELEMANLARI

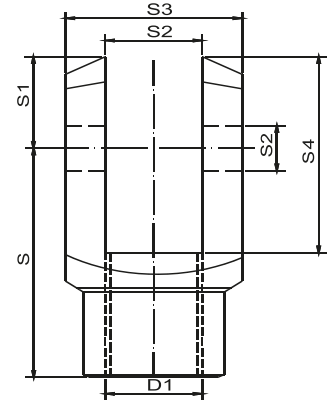
CETOP SERIES MOUNTING ELEMENTS



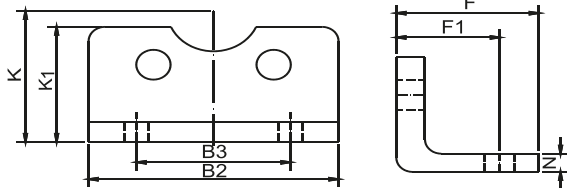
EB:EKLEM BAĞLANTI SWIVEL FLANGE



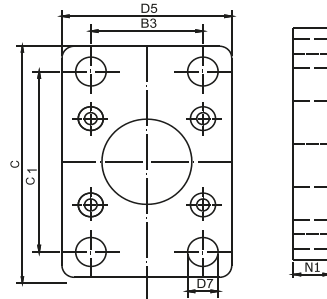
YB:YER BAĞLANTI / CLEVIS FOOT MOUNTING



ÇB:ÇATAL BAĞLANTI / ROD CLEVIS



AB:AYAK BAĞLANTI / AB:FOOT MOUNTING



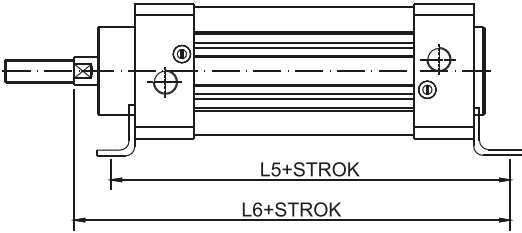
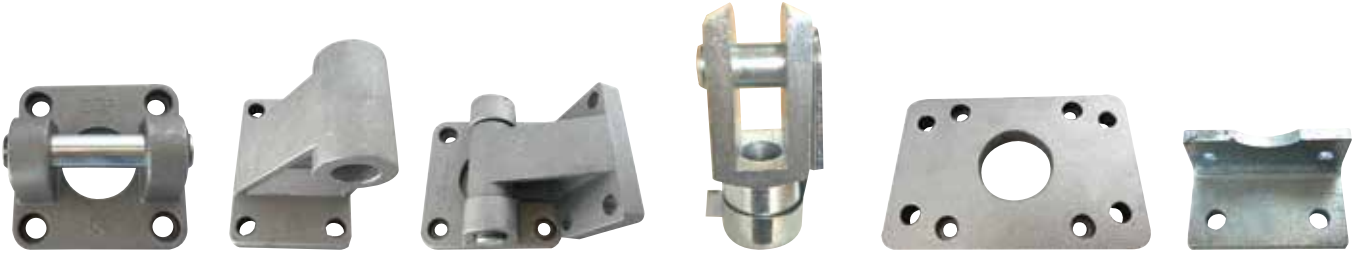
FB:FLANŞ BAĞLANTI / FLANGE MOUNTING

Silindir Ölçüsü	B1	B2	B3	B4	B5	B6	C	C1	D4	D8	F	F1	F2	F3	F4	F5	F6	K	K1
Ø32	32.5	45	32	45	25	53	90	75	10	6	32	26	22	38	31	18	51	32	26
Ø40	39.6	55	36	50	28	58	115	94	12	6	35	25	25	41	35	22	56	40	31
Ø50	48	65	45	60	30	70	125	106	12	8	43	32	27	50	45	30	65	45	32
Ø63	59.3	80	50	70	40	80	145	122	16	8	46	33	35	52	50	35	66	49	35
Ø80	70.7	96	63	90	50	100	173	145	16	10	60	42	38	66	60	40	85	69	53
Ø100	93.4	125	75	110	60	125	210	175	20	10	60	47	43	76	70	50	96	74	57
Ø125	106	140	90	130	70	140	220	180	25	11	70	50	50	94	90	60	124	90	80

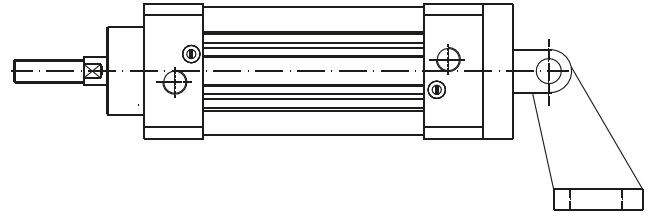
Ölçüler ve Farklı Markalar İçin Lütfen İletişime Geçiniz

CETOP SERİSİ BAĞLANTI ELEMANLARI

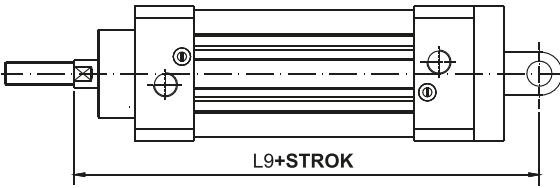
CETOP SERIES MOUNTING ELEMENTS



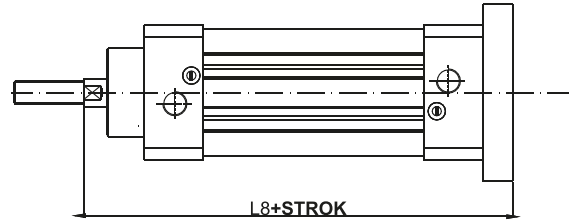
AYAK BAĞLANTI / FOOT MOUNTING



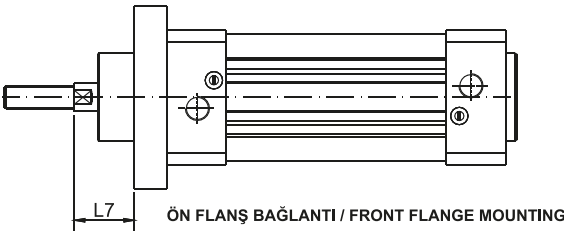
EKLEM YER BAĞLANTI / SWIVEL FLANGE with FOOT MOUNTING



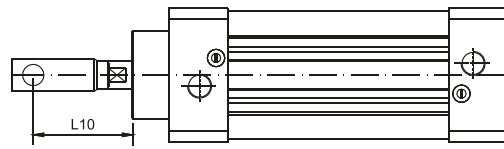
EKLEM BAĞLANTI / SWIVEL FLANGE



ARKA FLANŞ BAĞLANTI / REAR FLANGE MOUNTING



ÖN FLANŞ BAĞLANTI / FRONT FLANGE MOUNTING



ÇATAL BAĞLANTI / ROD CLEVIS

Silindir Ölçüsü	K2	L5	L6	L7	L8	L9	L10	N	N1	N2	R	R1	S	S1	S2	S3	S4
Ø32	27	144	145	14,5	132	142	55	4	12	8	10	10	40	12	10	20	32
Ø40	30	155	160	18	147	160	65	5	12	9	13	11	47	14	12	24	37
Ø50	40	170	175	22	158	170	85	6	15	10	16	13	65	19	16	32	52
Ø63	44	181	188	25	170	190	85	6	15	12	18	15	65	19	16	32	52
Ø80	50	208	214	30	190	210	103	8	18	14	18	15	81	24	20	40	65
Ø100	60	223	231	33	206	230	103	8	20	16	23	19	81	24	20	40	65
Ø125	80	250	271	46	246	271	135	10	25	20	25	22	100	30	25	50	80



ISO SERİSİ PNÖMATİK SİLİNDİRLER

ISO SERIES PNEUMATIC CYLINDERS

Ölçüler ve Farklı Markalar İçin Lütfen İletişime Geçiniz



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ISO SERIES PNEUMATIC CYLINDERS



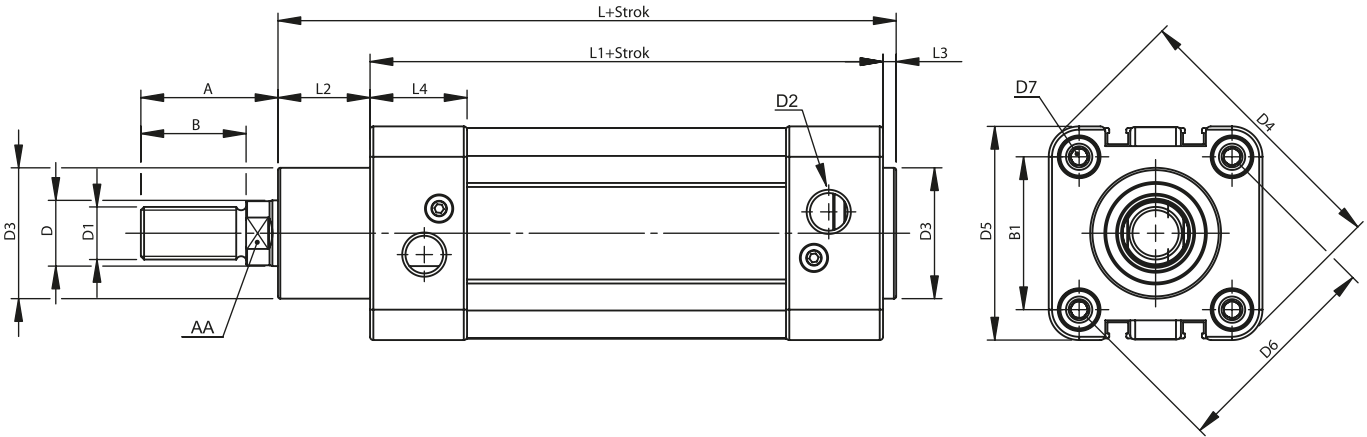
MALZEME ÖZELLİKLERİ MATERIAL SPECIFICATIONS

Mil (rod)	Sert Krom Kaplama
Piston Rod	Hard Chromium Plated
Kapaklar Covers	Alüminyum Enjeksiyon Aluminum
Gövde Cylinder Tube	Alüminyum Profil Aluminum
Boğaz Keçesi Cushioning Seal	Poliüretan + Nbr ► Polyurethane + Nbr
Piston Keçesi Piston Seal	Nbr ► Nbr

► Keçelerde isteğe bağlı viton uygulanır.

Silindir Çap Cylinder Diameter Ø	İtme Kuvveti Pushing Force (6 bar)	Çekme Kuvveti Pulling Force (6 bar)
32	48 kg	41 kg
40	75 kg	63 kg
50	118 kg	99 kg
63	187 kg	168 kg
80	301 kg	272 kg
100	471 kg	442 kg

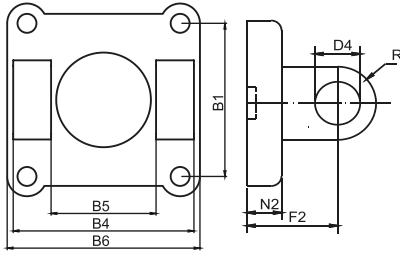
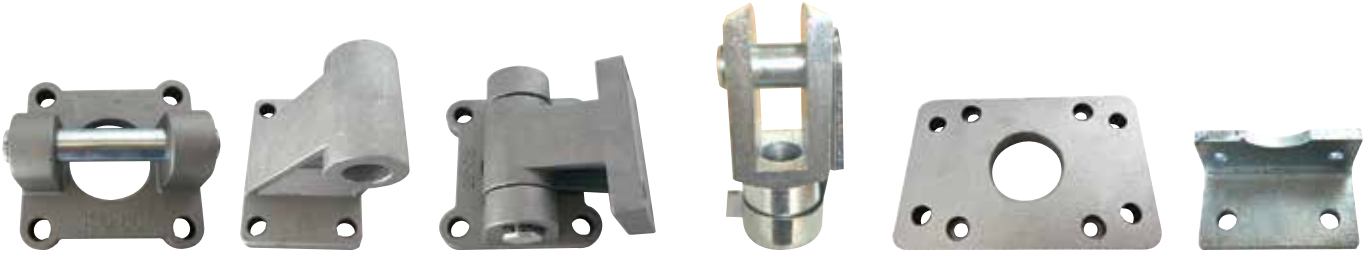
$F = P \times A$ F: uygulanan kuvvet (kg)
P: basınç (bar)
A: alan (cm²)



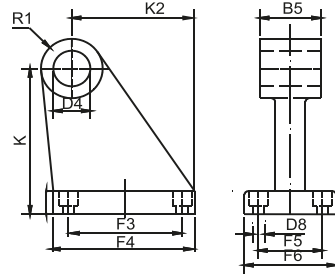
Silindir Ölçüsü	A	B	B1	D	D1	D2	D3	D4	D5	D6	D7	L	L1	L2	L3	L4	AA
Ø 32	30	22	32.5	12	M10X1.25	1/8	30	59	45	46	M6	116	94	16	4	26	10
Ø 40	34	24	38	16	M12X1.25	1/4	35	70.2	54	54	M6	129	105	20	4	29.5	14
Ø 50	41	32	46.5	20	M16X1.5	1/4	40	84.2	64	65.7	M8	138	106	28	4	30	17
Ø 63	42	32	56.5	20	M16X1.5	3/8	45	99.5	76	80	M8	152	121	27	4	35.5	17
Ø 80	52	40	72	25	M20X1.5	3/8	45	123.8	94	102	M10	167	128	34	4	35	22
Ø 100	52.5	40	89	25	M20X1.5	1/2	55	148.8	112	126	M10	182	138	38.5	4	38	22
Ø 125	73	54	110	32	M27X2	1/2	60	179.5	134	155.5	M12	212	160	46	6	45	27

ISO SERİSİ BAĞLANTI ELEMANLARI

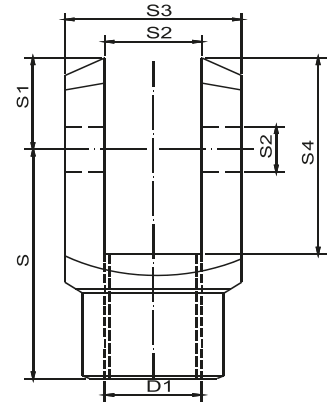
ISO SERIES MOUNTING ELEMENTS



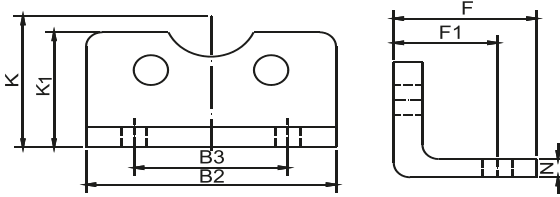
EB:EKLEM BAĞLANTI SWIVEL FLANGE



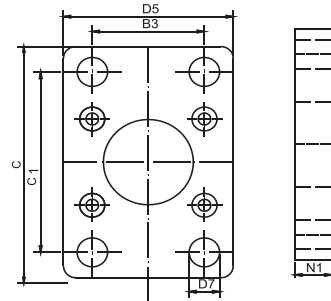
YB:YER BAĞLANTI / CLEVIS FOOT MOUNTING



ÇB:ÇATAL BAĞLANTI / ROD CLEVIS



AB:AYAK BAĞLANTI / AB:FOOT MOUNTING



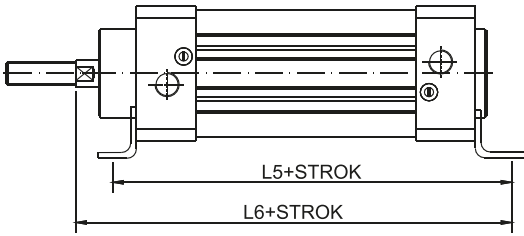
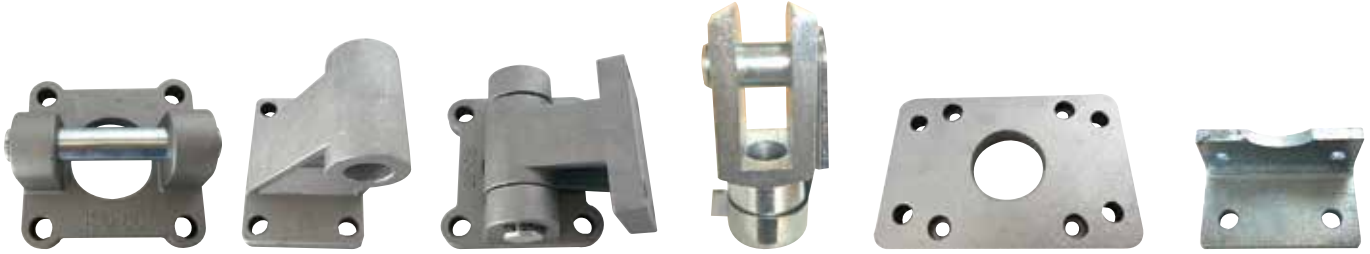
FB:FLANŞ BAĞLANTI / FLANGE MOUNTING

Silindir Ölçüsü	B1	B2	B3	B4	B5	B6	C	C1	D4	D8	F	F1	F2	F3	F4	F5	F6	K	K1
Ø32	32.5	45.5	32	32.5	26	45	80	64	10	6.6	30	24	22	18	31	38	51	32	26
Ø40	38	54.5	36	38	28	54	90	72	12	6.6	37	28	25	22	35	41	54	36	31
Ø50	46.5	65	45	46.5	32	65	110	90	12	9	41	32	27	30	45	50	65	45	32
Ø63	56.5	76	50	56.5	40	76	120	100	16	9	44	32	32	35	50	52	67	50	35
Ø80	72	94	63	72	50	94	150	126	16	11	56	41	36	40	60	66	86	63	53
Ø100	89	112	75	89	60	112	175	150	20	11	58	41	41	50	70	76	96	71	57
Ø125	110	131	90	110	70	134	210	180	25	14	67	45	50	60	90	94	124	90	80

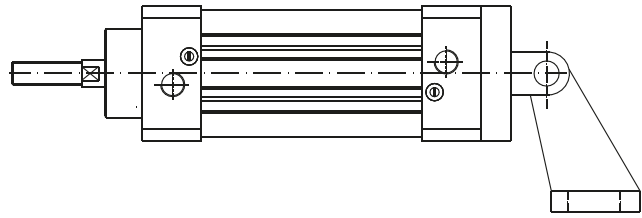
Ölçüler ve Farklı Markalar İçin Lütfen İletişime Geçiniz

ISO SERİSİ BAĞLANTI ELEMANLARI

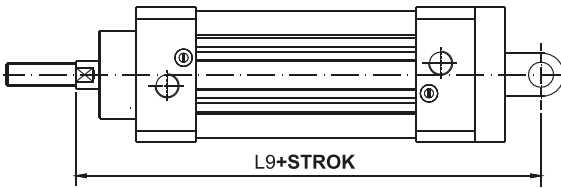
ISO SERIES MOUNTING ELEMENTS



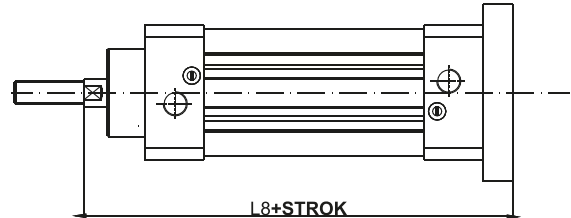
AYAK BAĞLANTI / FOOT MOUNTING



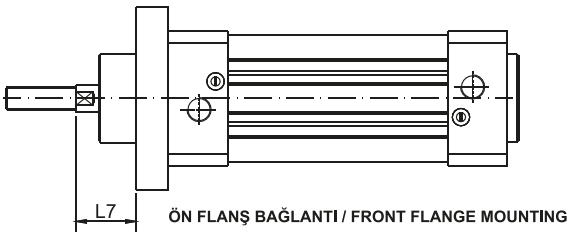
EKLEM YER BAĞLANTI / SWIVEL FLANGE with FOOT MOUNTING



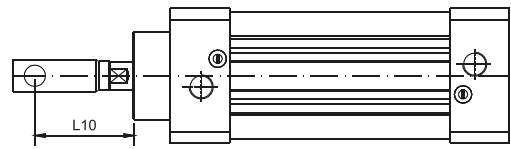
EKLEM BAĞLANTI / SWIVEL FLANGE



ARKA FLANŞ BAĞLANTI / REAR FLANGE MOUNTING



ÖN FLANŞ BAĞLANTI / FRONT FLANGE MOUNTING



ÇATAL BAĞLANTI / ROD CLEVIS

Silindir Ölçüsü Cylinder Dimension	K2	L5	L6	L7	L8	L9	L10	N	N1	N2	R	R1	S	S1	S2	S3	S4
Ø32	27.5	142	144	16	130	142	55	5	10	9	10	10	40	12	10	20	32
Ø40	30.5	161	166	20	145	160	65	5	10	9	12	11	47	14	12	24	37
Ø50	40.5	170	175	25	155	170	85	6	12	11	12	13	65	19	16	32	52
Ø63	44.5	185	192	25	170	190	85	6	12	11	16	15	65	19	16	32	52
Ø80	57	210	218	30	190	210	103	6	16	14	16	15	81	24	20	40	65
Ø100	65	220	228	35	205	230	103	6	16	14	20	19	81	24	20	40	65
Ø125	85	250	271	45	245	275	135	8	20	15	25	22.5	100	30	25	50	80

PNÖMATİK

ISO-CETOP

HİDROSAN
HİDROLİK
PNÖMATİK



160-250 CETOP - ISO
SERİSİ PNÖMATİK SİLİNDİRLER
CETOP ISO SERIES PNEUMATIC CYLINDERS

Ölçüler ve Farklı Markalar İçin Lütfen İletişime Geçiniz



160-250 CETOP - ISO SERİSİ PNÖMATİK SİLİNDİRLER

CETOP ISO SERIES PNEUMATIC CYLINDERS

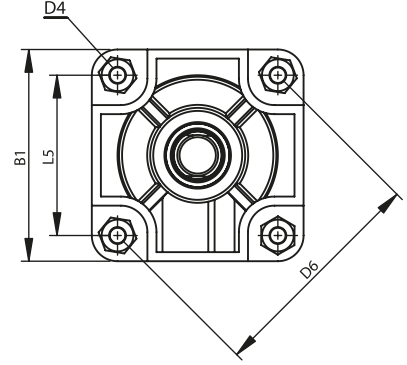
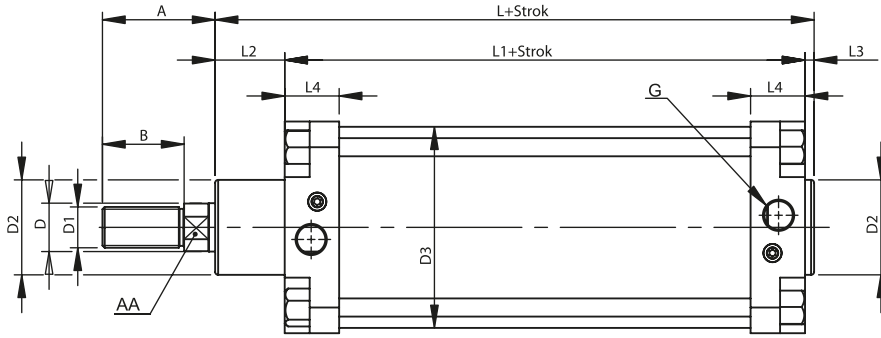
MALZEME ÖZELLİKLERİ MATERIAL SPECIFICATIONS

Mil(rod) Piston Rod	Sert Krom Kaplama Hard Chromium Plated
Kapaklar Covers	Alüminyum Enjeksiyon Aluminum
Gövde Cylinder Tube	Alüminyum Profil Aluminum
Boğaz Keçesi Cushioning Seal	Poliüretan + Nbr ► Polyurethane + Nbr
Piston Keçesi Piston Seal	Nbr ► Nbr

► Keçelerde isteğe bağlı viton uygulanır.

Silindir Çap Cylinder Diameter Ø	İtme Kuvveti Pushing Force (6 bar)	Çekme Kuvveti Pulling Force (6 bar)
Ø 160	1206	1111
Ø 200	1885	1789
Ø 250	2945	2827

$F = P \times A$ F: uygulanan kuvvet (kg)
P: basınç (bar)
A: alan (cm²)

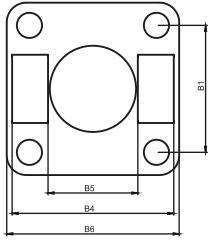


160-250 CETOP

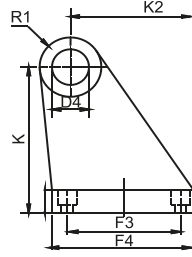
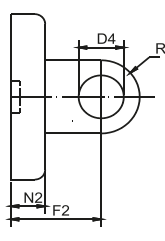
Silindir Ölçüsü Cylinder Dimension	A	B	B1	D	D1	D2	D3	D4	D6	L	L1	L2	L3	L4	L5	AA	G
Ø160	102	72	180	45	M36x2	80	170	M14	190	235	170	55	10	46	134,4	41	3/4"
Ø200	102	72	220	45	M36x2	80	210	M16	234	257	180	65	12	46	165,5	41	3/4"
Ø250	114	84	270	50	M42x2	100	262	M20	288	289	200	75	14	50	203,7	46	1"

200-250 ISO

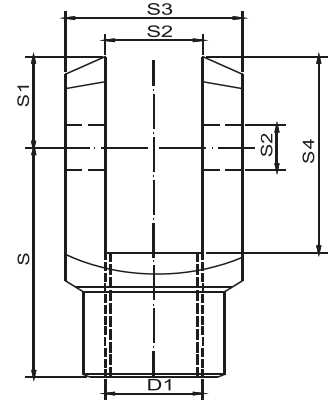
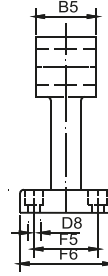
Silindir Ölçüsü Cylinder Dimension	A	B	B1	D	D1	D2	D3	D4	D6	L	L1	L2	L3	L4	L5	AA	G
Ø200	102	72	220	45	M36x2	75	210	M16	247,5	253	180	65	6	47	175	36	3/4"
Ø250	122	84	270	50	M42x2	90	262	M20	311,1	281	200	69	10	51	220	46	1"



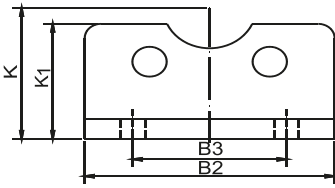
EB:EKLEM BAĞLANTI SWIVEL FLANGE



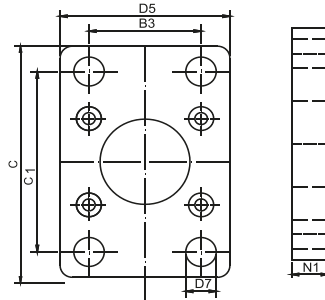
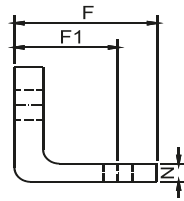
YB:YER BAĞLANTI / CLEVIS FOOT MOUNTING



ÇB:ÇATAL BAĞLANTI / ROD CLEVIS



AB:AYAK BAĞLANTI / AB:FOOT MOUNTING



FB:FLANŞ BAĞLANTI / FLANGE MOUNTING

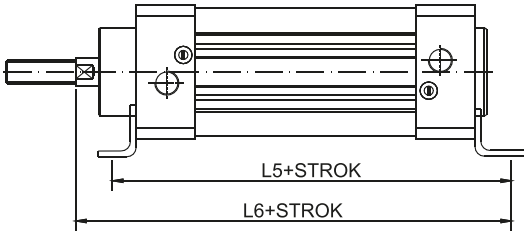
CETOP

Silindir Ölçüsü Cylinder Dimension	B1	B2	B3	B4	B5	B6	C	C1	D4	D8	F	F1	F2	F3	F4	F5	F6	K	K1
Ø160	134.4	180	115	170	90	180	280	230	30	14	87	65	60	88	126	118	156	115	70
Ø200	165.5	220	135	170	90	220	320	270	30	18	95	70	60	90	130	122	162	135	80
Ø250	203.7	270	165	200	110	270	390	330	40	22	105	75	70	110	160	150	200	165	100

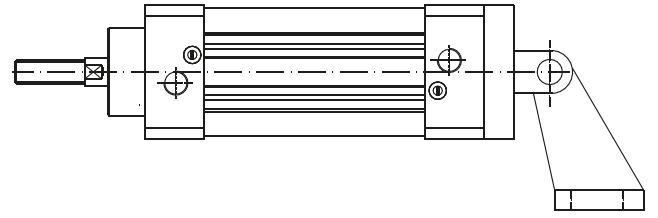
ISO

Silindir Ölçüsü Cylinder Dimension	B1	B2	B3	B4	B5	B6	C	C1	D4	D8	F	F1	F2	F3	F4	F5	F6	K	K1
Ø160	140	186	115	170	90	186	280	230	30	14	87	60	55	88	126	118	156	115	70
Ø200	175	220	135	170	90	220	320	270	30	18	95	70	60	90	130	122	162	135	80
Ø250	220	270	165	200	110	270	390	330	40	22	105	75	70	110	160	150	200	165	100

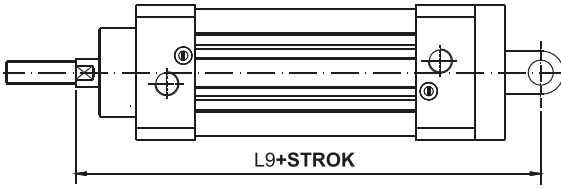
Ölçüler ve Farklı Markalar İçin Lütfen İletişime Geçiniz



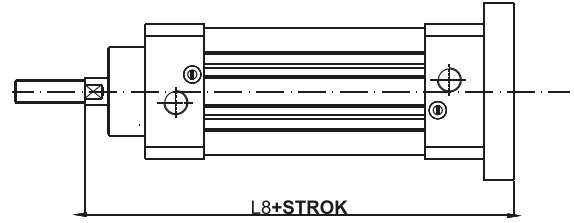
AYAK BAĞLANTI / FOOT MOUNTING



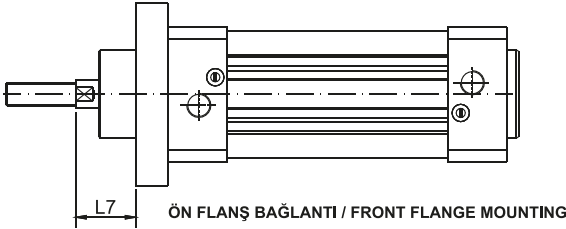
EKLEM YER BAĞLANTI / SWIVEL FLANGE with FOOT MOUNTING



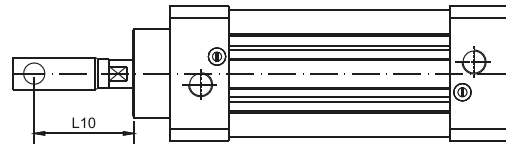
EKLEM BAĞLANTI / SWIVEL FLANGE



ARKA FLANŞ BAĞLANTI / REAR FLANGE MOUNTING



ÖN FLANŞ BAĞLANTI / FRONT FLANGE MOUNTING



ÇATAL BAĞLANTI / ROD CLEVIS

CETOP

Silindir Ölçüsü Cylinder Dimension	K2	L5	L6	L7	L8	L9	L10	N	N1	N2	R	R1	S	S1	S2	S3	S4
Ø160	116	300	310	60	280	315	174	13	25	22	32	31.5	144	44	36	70	116
Ø200	125	320	330	70	300	335	174	15	25	25	35	31.5	144	44	36	70	116
Ø250	153	350	365	80	330	375	198	20	25	25	45	40	168	64	42	85	148

ISO

Silindir Ölçüsü Cylinder Dimension	K2	L5	L6	L7	L8	L9	L10	N	N1	N2	R	R1	S	S1	S2	S3	S4
Ø160	116	300	310	60	280	315	174	13	25	22	32	31.5	144	44	36	70	116
Ø200	125	320	330	70	300	335	174	15	25	25	35	31.5	144	44	36	70	116
Ø250	153	350	365	80	330	375	198	20	25	25	45	40	168	64	42	85	148