



**HİDROLİK PNÖMATİK
MAK. SAN. ve TİC. LTD. ŞTİ.**



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



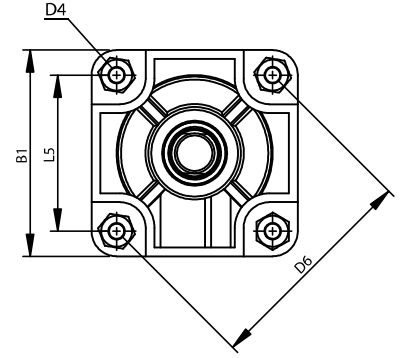
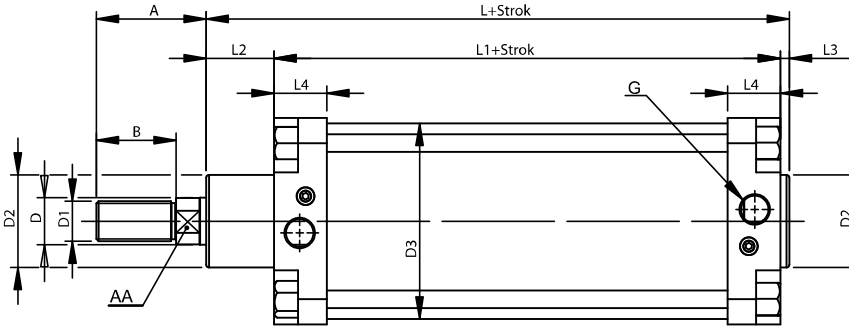
160-250 CETOP - ISO
SERİSİ PNÖMATİK SİLİNDİRLER
CETOP ISO SERIES PNEUMATIC CYLINDERS

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)

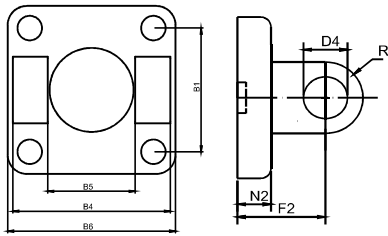
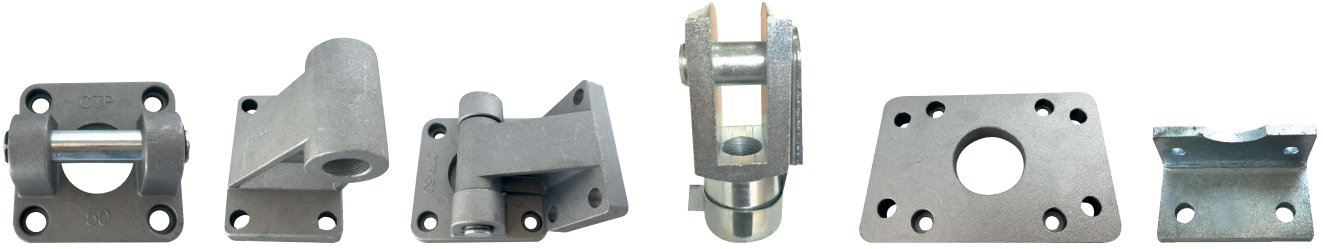


160-250 CETOP

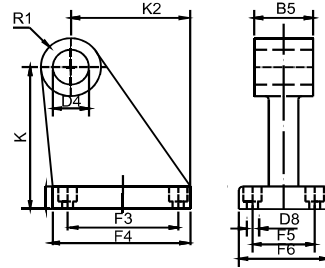
Silindir Ölçüsü	A	B	B1	D	D1	D2	D3	D4	D6	L	L1	L2	L3	L4	L5	AA	G
Ø160	102	72	180	45	M36x2	80	170	M14	190	235	170	55	10	46	134,4	41	3/4"
Ø200	102	72	220	45	M36x2	80	210	M16	234	257	180	65	12	46	165,5	41	3/4"
Ø250	114	84	270	50	M42x2	100	262	M20	288	289	200	75	14	50	203,7	46	1"

200-250 ISO

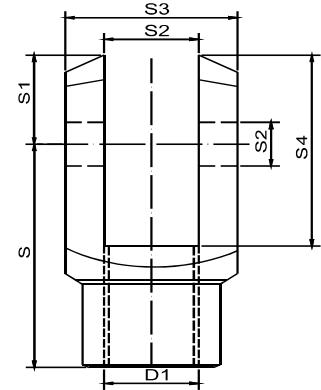
Silindir Ölçüsü Cylinder Dimension	A	B	B1	D	D1	D2	D3	D4	D6	L	L1	L2	L3	L4	L5	AA	G
Ø200	102	72	220	45	M36x2	75	210	M16	247.5	253	180	65	6	47	175	36	3/4"
Ø250	122	84	270	50	M42x2	90	262	M20	311.1	281	200	69	10	51	220	46	1"



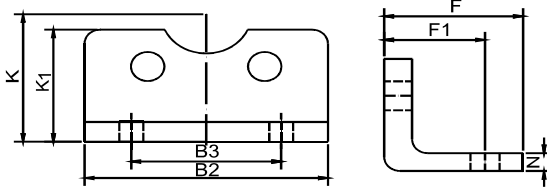
EB: EKLEM BAĞLANTI SWIVEL FLANGE



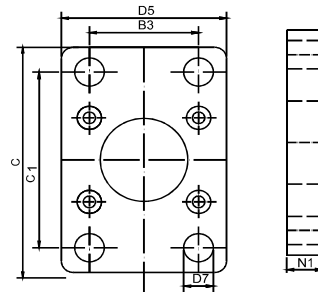
YB: YER BAĞLANTI / CLEVIS FOOT MOUNTING



ÇB: ÇATAL BAĞLANTI / ROD CLEVIS



AB: AYAK BAĞLANTI / AB: FOOT MOUNTING



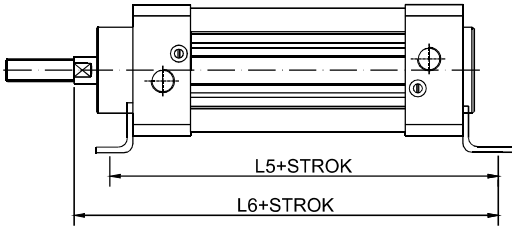
FB: FLANŞ BAĞLANTI / FLANGE MOUNTING

CETOP

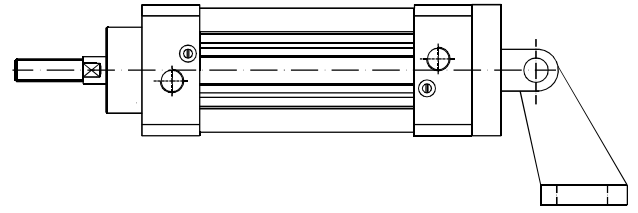
Silindir Ölçüsü Cylinder Dimension	B1	B2	B3	B4	B5	B6	C	C1	D4	D8	F	F1	F2	F3	F4	F5	F6	K	K1
Ø160	134.4	180	115	170	90	180	280	230	30	14	87	65	60	88	126	118	156	115	70
Ø200	165.5	220	135	170	90	220	320	270	30	18	95	70	60	90	130	122	162	135	80
Ø250	203.7	270	165	200	110	270	390	330	40	22	105	75	70	110	160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

ISO

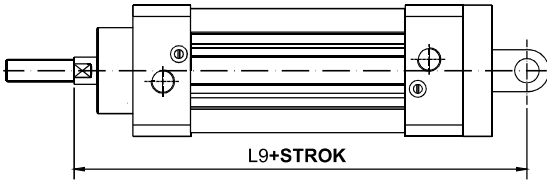
Silindir Ölçüsü Cylinder Dimension	B1	B2	B3	B4	B5	B6	C	C1	D4	D8	F	F1	F2	F3	F4	F5	F6	K	K1
Ø160	140	186	115	170	90	186	280	230	30	14	87	60	55	88	126	118	156	115	70
Ø200	175	220	135	170	90	220	320	270	30	18	95	70	60	90	130	122	162	135	80
Ø250	220	270	165	200	110	270	390	330	40	22	105	75	70	110	160	150	200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



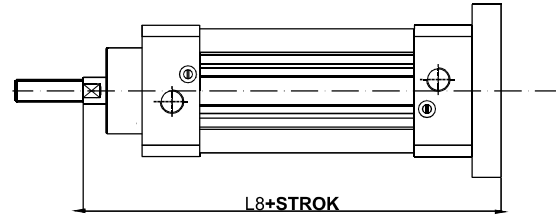
AYAK BAĞLANTI / FOOT MOUNTING



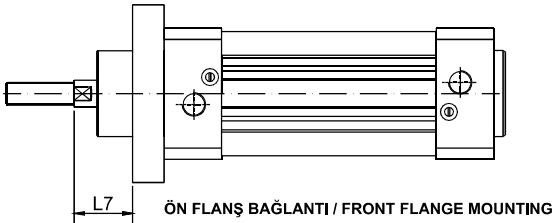
EKLEM YER BAĞLANTI / SWIVEL FLANGE with FOOT MOUNTING



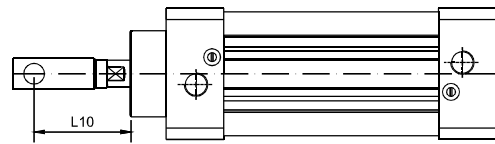
EKLEM BAĞLANTI / SWIVEL FLANGE



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