

HİDROPNÖMAK A.Ş.

ÜRETİCİ FİRMA ÜRÜN KATALOĞU

hp

hidropnömak

CE
ISO 9001

HAVA SİLİNDİRİ

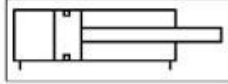
PNEUMATIC CYLINDER

h_NS / h_NSY ÇELİK GÖVDE HAVA SİLİNDİRİ

MAX 16 BAR

SIZE Ø 125-Ø 320

CETOP RP 53 P



İthal boru ve krom mil

Ø 125 - Ø 320 arası beş değişik çap

Ø 32 - Ø 63 MM arası 70 µ krom kaplı mil

NS

SİLİNDİR KOD/CYLINDER CODE

NS / ÇİFT ETKİLİ/DOUBLE ACTİNG

NSY / ÇİFT ETKİLİ YASTIKLI
DOUBLE ACTİNG CUSHİONİNGSİLİNDİR
ÇAPLARI
PİSTON
DİAMETER

Ø 125
Ø 160
Ø 200
Ø 250
Ø 320

BAĞLANTILAR/MOUNTINGS

FB	FLANŞ BAĞ / FRONT or REAR FLANGE MOUNTING
EB	EKLEM BAĞ / SWİVEL FLANGE MOUNTING
EYB	EKLEM YER BAĞ / SWİVEL FLANGE MOUNTING WITH CLEVIS FOOT
ÇB	ÇATAL BAĞ / PISTON ROD CLEVIS MOUNTING
AB	AYAK BAĞ / FOOT CONNECTION

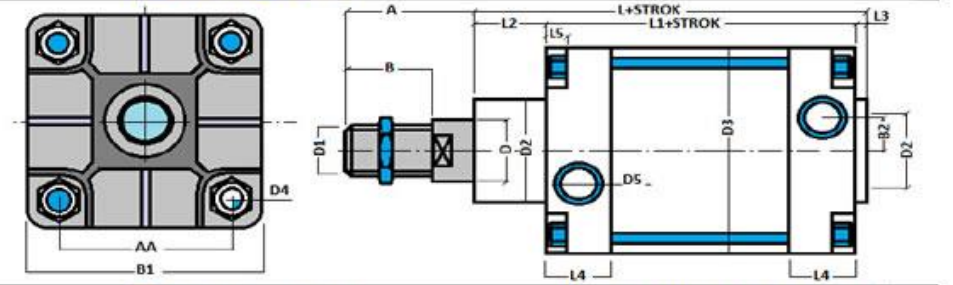
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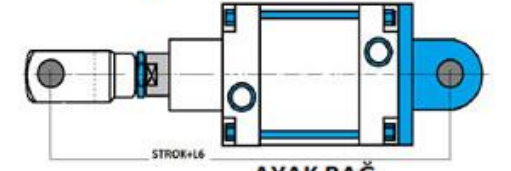
PNEUMATIC CYLINDER

h_NS / h_NSY ÇELİK GÖVDE HAVA SİLİNDİRİ



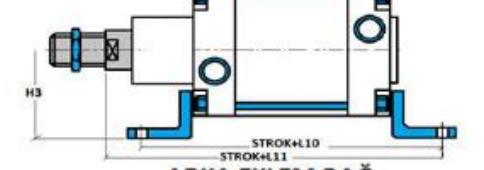
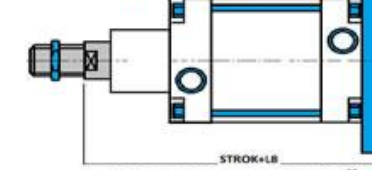
ÖN FLANŞ BAĞ

ÖN ÇATAL ARKA EKLEM BAĞ



ARKA FLANŞ BAĞ

AYAK BAĞ



ARKA EKLEM YER BAĞ

ARKA EKLEM BAĞ



	AA	A	A1	A2	B	B1	B2	B3	B4	B5	C	C1	C2	C3	D	D1	D2
h-NS 125	106	70	180	220	48	140	15	130	70	90	20	55	11	25	32	M24X1,5	63
h-NS 160	135	102	230	280	72	180	22	170	90	115	22	60	13	25	45	M 36X2	80
h-NS 200	166	102	270	320	72	220	25	170	90	135	25	60	15	25	45	M 36X2	80
h-NS 250	204	114	330	390	84	270	25	200	110	165	25	70	20	25	50	M 42X2	100
h-NS 320	255	126	400	470	96	340	30	220	120	200	30	80	23	30	65	M 48X2	110

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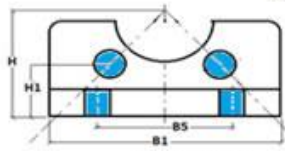
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	D3	D4	D5	D6	D7	D8	D9	D10	D11	E	E1	E2	E3	E4	E5	E6	E7
h-NS 125	135	M 12	R" 1/2	25	16	25	11	25	36	82	100	50	69	50	85	60	90
h-NS 160	170	M 14	R" 3/4	30	18	35	14	32	46	116	144	70	87	65	116	88	126
h-NS 200	210	M 16	R" 3/4	30	22	35	16	32	46	116	144	70	95	70	125	90	130
h-NS 250	260	M 20	R" 1	40	26	40	20	40	60	148	168	85	105	75	153	110	160
h-NS 320	330	M 24	R" 1	45	33	50	26	40	66	169	192	90	125	85	182	122	186

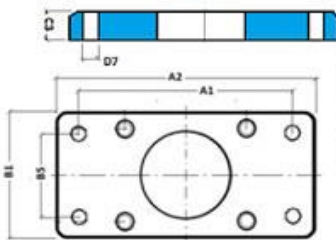
	E8	E9	F	F1	F2	F3	F4	F5	H	H1	H2	H3	L	L1	L2	L3	L4	L5
h-NS 125	94	124	25	32	160	164	210	38	55	37	90	90	208	150	48	10	36	18
h-NS 160	118	156	35	44	200	204	264	48	70	48	115	116	235	170	55	10	46	23
h-NS 200	122	162	35	44	250	254	314	48	80	52	135	135	257	180	65	12	46	23
h-NS 250	150	200	40	64	320	324	400	62	100	67	165	169	289	200	75	14	50	25
h-NS 320	170	234	50	73	400	404	500	68	120	73	200	201	326	220	90	16	56	28

	L6	L7	L8	L9	L10	L11	L12	R1	R2	SW
h-NS 125	375	45	245	275	250	270	125	30	22,5	27
h-NS 160	459	60	280	315	300	320	155	32	31,5	41
h-NS 200	479	70	300	335	320	345	165	35	31,5	41
h-NS 250	543	80	330	375	350	380	186	45	40	46
h-NS 320	612	90	370	420	390	425	210	54	45	50

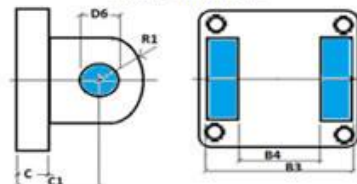
AYAK BAĞ



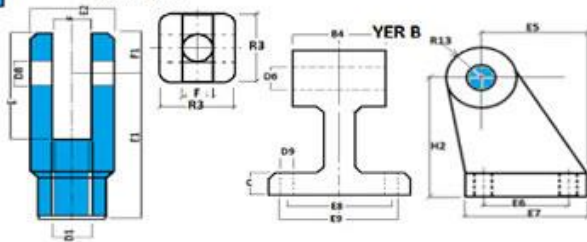
ÖN FLANŞ BAĞ



ARKA EKLEM BAĞ



ÇATAL BAĞ



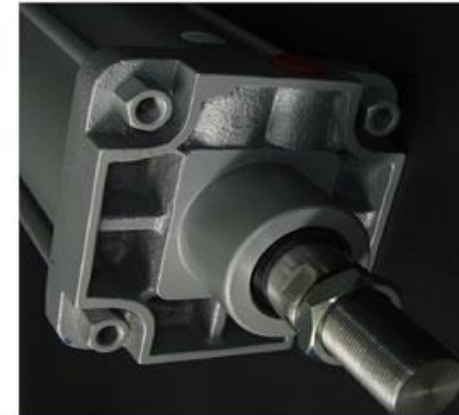
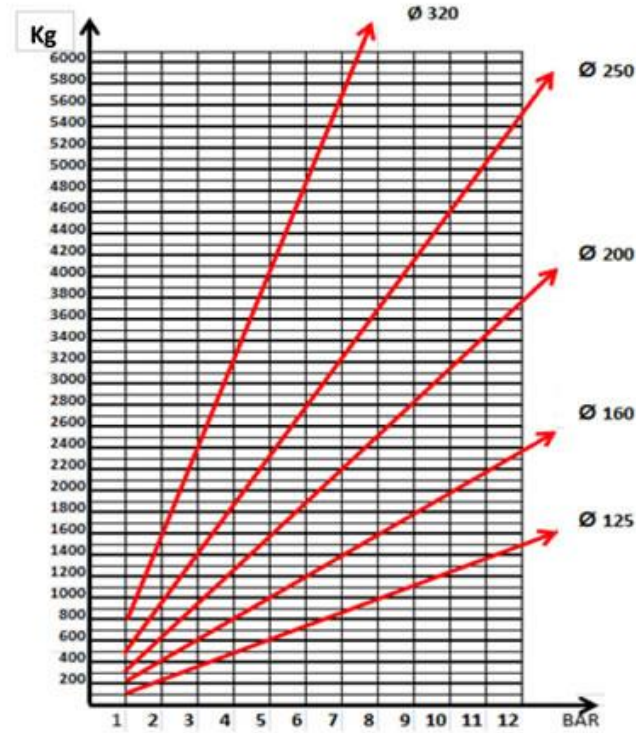
YER B

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İTME KUVVETİ Kg)



KHS HİDROLİK SİLİNDİR HYDRAULIC CYLINDER

KHS SERİSİ HİDROLİK SİLİNDİRLER YÜKSEK BASINÇ ve AĞIR HİZMETE UYGUN SİLİNDİRLERDİR
H8 HİDROLİK BORU /70 m KROM KAPLI MİL İSTEĞE BAĞLI KONTROLLU veya KONTROLSUZ FRENLEME
MAX 315 BAR CETOP R 58 H



KHS

SİLİNDİR ÇAPİ Ø PİSTON DİAMETER Ø
40
50
63
80
100
125
160
200

MİL ÇAPLARI Ø
22 28 36 45 56 70 90 110

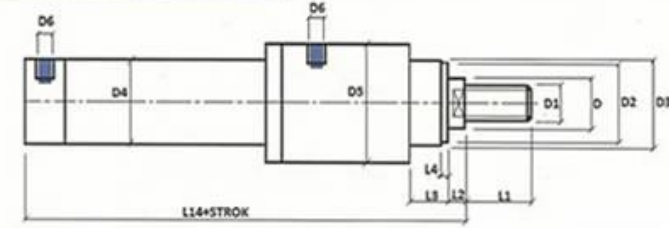
BAĞLANTI ŞEKİLLERİ / MOUNTINGS
ÖFB Ön Flanş Bağ / Front Flange Mounting
AFB Arka Flanş Bağ / Rear Flange Mounting
AEB Arka Ekleme Bağ / Rear Swivel Flange Moun
AEBK Rulmanlı Arka Ekleme Rear swivel Flange mounting with spherical bearing
ÖEB Ön Ekleme Bağlantı / Piston rod swivel Mounting
ÖEBK Küresel Ön Ekleme Bağlantı Piston Rod swivel Mounting with spherical bearing
OTMB Orta Ekleme Bağlantı / Central trunnion Mounting
AB Ayak Bağlantı / Foot Mounting

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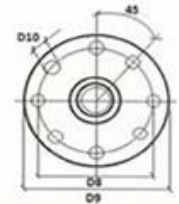
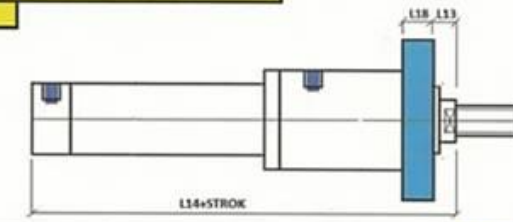
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MALZEME ÖLÇÜLERİ / ORDERING DIMENSION



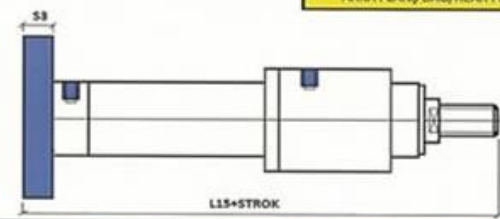
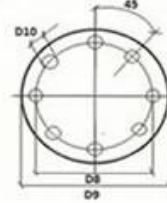
ÖN FLANŞ BAĞLANTI / FRONT FLANGE MOUNTING

ÖFB



ARKA FLANŞ BAĞ / REAR FLANGE MOUNTING

AFB



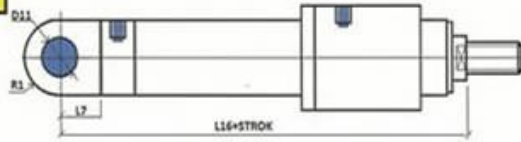
KHS	D	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	L1	L2	L3	L4	L5
KHS 40	22	M16X1,5	50	M 52 X1,5	50	67	R"3/8	24	106	125	9	20	20	11	20	22	13	19	3	16
	28	M20X1,5	60	M 62 X1,5	50	67		24	106	125	9	20	20	11	20	22	13	19	3	16
	28	M20X1,5	60	M 62 X1,5	60	78	R"1/2	30	126	150	11	25	25	13	25	28	14	24	4	20
KHS 50	36	M27X 2	70	M 74 X 2	60	78		30	126	150	11	25	25	13	25	28	14	24	4	20
	36	M27X 2	70	M 74 X 2	75	93	R"3/4	38	145	175	14	32	32	13	32	36	16	29	4	25
KHS 63	45	M33X 2	85	M 90 X 2	75	93		38	145	175	14	32	32	13	32	36	16	29	4	25
	45	M33X 2	85	M 90 X 2	95	113		47	165	200	18	40	40	17	40	45	18	36	4	32
KHS 80	56	M42X 2	102	M106X 2	95	113		47	165	200	18	40	40	17	40	45	18	36	4	32
	56	M42X 2	106	M112X 2	115	138	R"1	58	200	240	22	50	50	21	50	56	20	37	5	40
KHS 100	70	M48X 2	120	M125X 2	115	138		58	200	240	22	50	50	21	50	56	20	37	5	40
	70	M48X 2	132	M136X 3	145	173		65	235	280	22	63	63	25	63	63	23	37	5	50
KHS 125	90	M64X 2	160	M165X 3	145	173		65	235	280	22	63	63	25	63	63	23	37	5	50
	90	M64X 2	160	M165X 3	180	218	R"1,1/4	87	280	330	22	80	80	30	80	85	25	41	5	63
KHS 160	110	M80X 3	190	M200X 3	180	218		87	280	330	22	80	80	30	80	85	25	41	5	63
	110	M80X 3	200	M200X 3	230	265		97	340	390	26	100	100	33	100	95	30	45	5	80
KHS 200	140	M90X 3	220	M230X 3	230	265		97	340	390	26	100	100	33	100	95	30	45	5	80

hp

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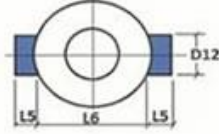
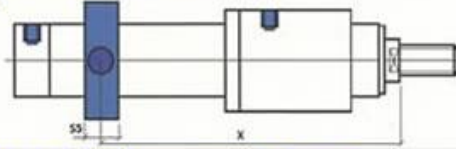
CE
ISO 9001ARKA EKLEM BAĞ KÜRESEL RULMAN YATAKLI
SWIVEL FLANGE MOUNTING

AEBK

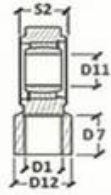
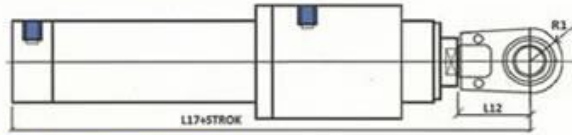


ORTA EKLEM BAĞLANTI/TRUNNION MOUNTING

OEB

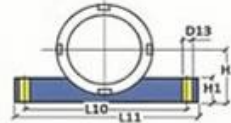
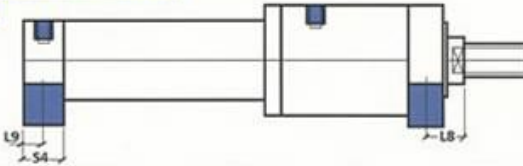
ÖN EKLEM BAĞ KÜRESEL/
PISTON ROD SWIVEL MOUNTING WITH SPHERICAL BEARING

ÖEBK



AYAK BAĞ/FOOT MOUNTING

AB



KHS	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	H1	H2	S1	S2	S3	S4	S5	R1	R2	SW
KHS 40	90	25	25,5	12,5	105	130	582	16	165	181	190	217	39	24	20	20	16	25	30	20	25	17
																						22
KHS 50	105	32	29	15	125	155	65	18	183	203	215	248	45	28	25	25	20	30	35	25	30	30
																						36
KHS 63	120	40	33,5	17,5	140	170	80	20	208	233	248	288	55	34	32	30	25	35	45	35	35	36
																						46
KHS 80	135	50	38	20	175	215	97	22	221	253	271	318	65	38	40	35		4045	55	40	45	46
																						60
KHS 100	160	63	42,5	22,5	210	255	120	24	265	297	328	385	80	48	50	40	32	45	65	50	55	60
																						75
KHS 125	195	71	50,5	27,5	250	300	140	28	285	317	356	425	100	58	63	50		55	80	60	65	75
																						100
KHS 160	240	90	62,5	37,5	320	380	180	30	327	368	422	507	130	74	80	60	36	75	100	80	85	100
																						100
KHS 200	295	112	77,5	47,5	380	460	210	35	399	439	511	609	160	90	100	74	40	95	115	100	105	120

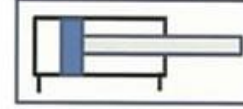
HİDROLİK SİLİNDİR

HYDRAULIC CYLINDER

NHS SERİSİ HİDROLİK SİLİNDİRLER YÜKSEK BASINÇ ve AĞIR HİZMETE UYGUN SİLİNDİRLERDİR
H8 HİDROLİK BORU / 70 m KROM KAPLI MİL İSTEĞE BAĞLI KONTROLLÜ veya KONTROSUZ FRENLEME

MAX 315 BAR

CETOP R 58 H



NHS

SİLİNDİR ÇAPİ Ø
PISTON DİAMETER Ø
40
50
63
80
100
125
160
200

MİL ÇAPLARI Ø							
22	28	36	45	56	70	90	110

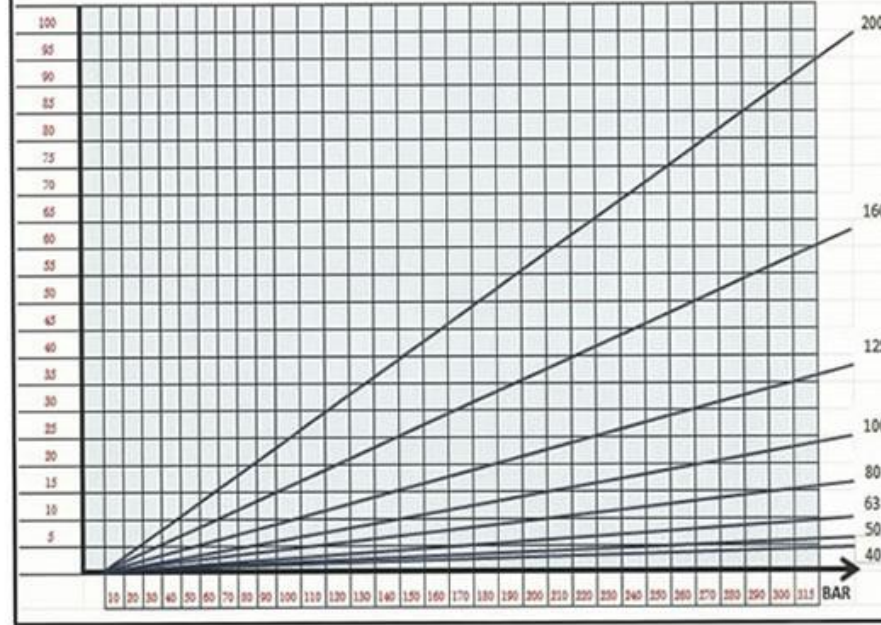
BAĞLANTI ŞEKİLLERİ / MOUNTINGS	
ÖFB	Ön Flanş Bağ/ Front Flange Mounting
AFB	Arka Flanş Bağ/ Rear Flange Mounting
AEB	Arka Ekleme Bağ/ Rear Swivel Flange Moun
AEBK	Rulmanlı Arka Ekleme Rear swivel Flange mounting with spherical bearing
ÖEB	Ön Ekleme Bağlantı/Piston rod swivel Mounting
ÖEBK	Küresel Ön Ekleme Bağlantı Piston Rod swivel Mounting with spherical bearing
OTMB	Orta Ekleme Bağlantı/Central trunnion Mounting
AB	Ayak Bağlantı/ foot Mounting

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KUVVET (TON)



ÇALIŞMA BASINCI/Max Operated Pressure	315 bar
YAĞ/ Oil Type	mineral yağ/mineral oils
Çalışma Sıcaklığı / Temperature Range	-20°C to 80°C

ÖNEMLİ:KULLANIM AŞAMASINDA MAX BASINÇ DEĞERİNİ AŞMAYINIZ.HİDROLİK SİSTEME UYGUN YAĞLAR KULLANINIZ.HER HANGİ BİR ARIZA DURUMUNDA MUTLAKA YETKİLİ BİRİNE DANIŞINIZ.HİDROLİK KEÇELER ZAMANLA ÖZELLİKLERİNİ KAYBEDECEĞİ İÇİN UYGUN PERİYOTLARDA DEĞİŞTİRİNİZ.HİDROLİK SİLİNDİR MİLİNİ EZİLME, DARBE ve ÇİZİLMELERDEN KORUYUNUZ.**HAVA SİLİNDİRİ**

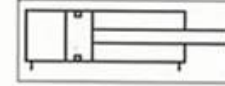
PNEUMATIC CYLINDER

h_ANS / h_ANSYM ALÜMİNYUM GÖVDE HAVA SİLİNDİRİ

MAX 16 BAR

SIZE 32-100

CETOP RP 43 P



İthal boru ve krom mil



ANS

SİLİNDİR KOD/CYLINDER CODE

NS / ÇİFT ETKİLİ/DOUBLE ACTING

NSY / ÇİFT ETKİLİ YASTIKLI
DOUBLE ACTING CUSHIONING

SİLİNDİR ÇAPLARI PİSTON DİAMETER
32
40
50
63
80
100

BAĞLANTILAR/MOUNTINGS

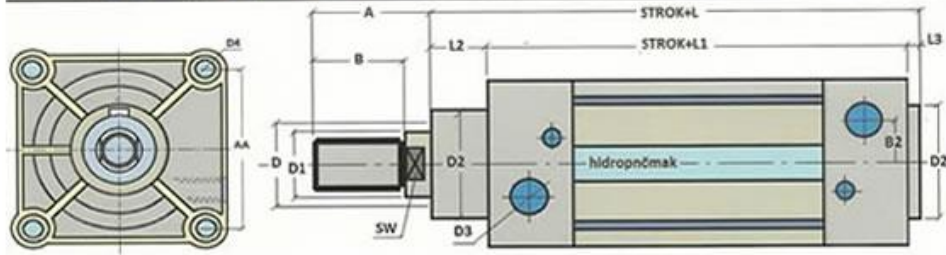
FB	FLANŞ BAĞ / FRONT or REAR FLANGE MOUNTING
EB	EKLEM BAĞ / SWIVEL FLANGE MOUNTING
EYB	EKLEM YER BAĞ / SWIVEL FLANGE MOUNTING WITH CLEVIS FOOT
ÇB	ÇATAL BAĞ / PISTON ROD CLEVIS MOUNTING
AB	AYAK BAĞ / FOOT CONNECTION

Ø 32- Ø 100 arası altı değişik çap

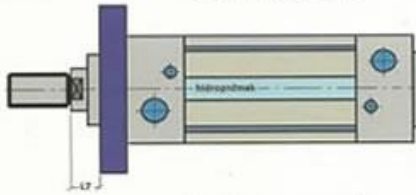
Ø 12- Ø 25 arası 70 µ krom kaplı mil

PNEUMATIC CYLINDER

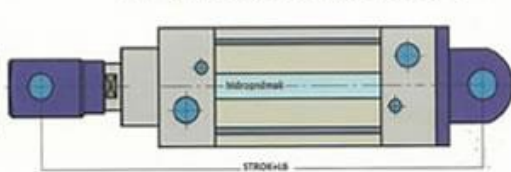
h_ANS / h_ANSYM ALÜMİNYUM GÖVDE HAVA SİLİNDİRİ



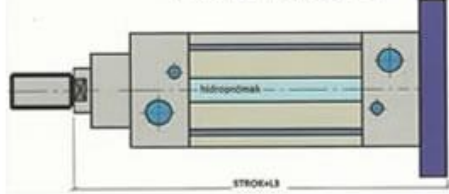
ÖN FLANŞ BAĞ



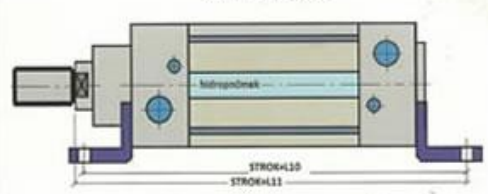
ÖN ÇATAL ARKA EKLEM BAĞ



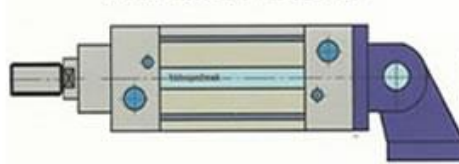
ARKA FLANŞ BAĞ



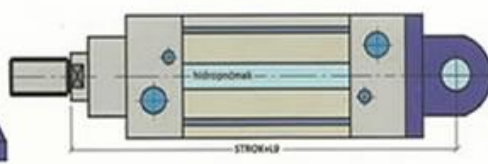
AYAK BAĞ



ARKA EKLEM YER BAĞ



ARKA EKLEM BAĞ



	AA	A	A1	A2	B	B1	B2	B3	B4	B5	C	C1	C2	C3	D	D1	D2
h-NS 32	33	28	64	77	20	45	5	45	26	32	8	22	4	10	12	M 10X1,25	30
h-NS 40	40	34	72	90	24	54	5	52	28	36	9	25	5	10	16	M 12X1,25	35
h-NS 50	48	44	90	110	32	65	12	60	32	45	10	27	6	12	20	M 16X1,5	40
h-NS 63	60	44	100	125	32	80	13	70	40	50	11	35	6	15	20	M 16X1,5	42
h-NS 80	71	54	126	154	40	96	16	90	50	63	12	38	8	18	25	M 20X1,5	48
h-NS 100	94	54	150	186	40	126	16	110	60	75	14	43	8	18	25	M 20X1,5	52

hp

hidropnömak

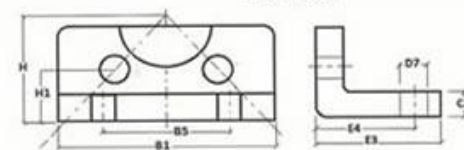
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	D3	D4	D5	D6	D7	D8	D9	D10	D11	E	E1	E2	E3	E4	E5	E6	E7
h-NS 32	36	M 5	R" 1/8	10	7	10	6	12	19	32	40	20	32	24	27,5	18	31
h-NS 40	45	M 5	R" 1/4	12	9	12	6	16	20	38	48	24	38	28	30,5	22	35
h-NS 50	55	M 6	R" 1/4	12	9	16	7	16	25	51	64	32	42	32	40,5	30	45
h-NS 63	68	M 6	R" 3/8	16	9	16	7	20	25	51	64	32	50	35	44,5	35	50
h-NS 80	86	M 8	R" 3/8	16	11	20	9	20	30	65	80	40	60	43	57	40	60
h-NS 100	107	M 8	R" 1/2	20	13	20	9	25	32	65	80	40	57	43	65	50	70

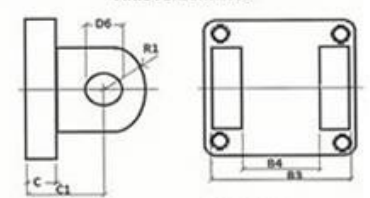
	E8	E9	F	F1	F2	F3	F4	F5	H	H1	H2	H3	L	L1	L2	L3	L4	L5
h-NS 32	38	51	10	12	50	54	74	21	24	14	32	31	114	94	16	4	36,5	12,5
h-NS 40	41	54	12	14	63	67	95	24	25	13	36	33	131	105	20	5,5	38	12
h-NS 50	50	65	16	19	75	79	107	28	32	13,5	45	38	136	106	25	5	41	12
h-NS 63	52	67	16	19	90	94	130	28	36	16	50	46	149	114	28	7	41	12
h-NS 80	66	86	20	25	110	114	150	33	47	18,5	63	54	164	124	34	6	47	12
h-NS 100	76	96	20	25	132	136	182	38	54	22	71	69	181	134	40	7	51	16

	L6	L7	L8	L9	L10	L11	L12	R1	R2	R3	SW
h-NS 32	180	14	128	140	142	142	65	10	10	20	10
h-NS 40	209	20	146	161	162	162	69	13	11	24	13
h-NS 50	234	25	155	170	170	170	79	16	13	32	17
h-NS 63	253	25	169	189	184	189	87	18	15	32	17
h-NS 80	290	30	190	210	210	215	98	18	15	40	22

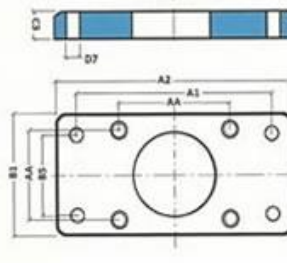
AYAK BAĞ



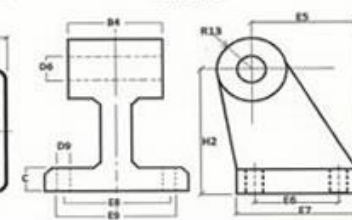
ARKA EKLEM BAĞ



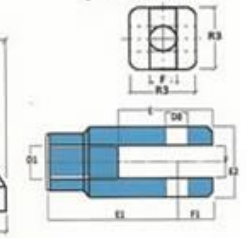
ÖN FLANŞ BAĞ



YER BAĞ

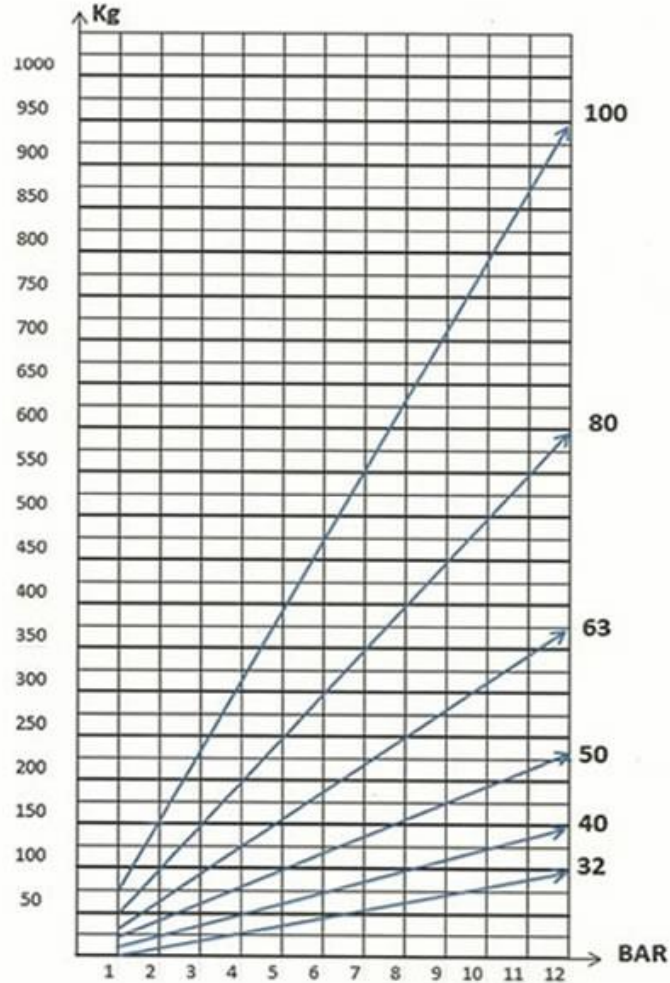


ÇATAL BAĞ



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**hp****hidropnömak**CE
ISO 9001**HAVA SİLİNDİRİ**

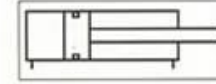
PNEUMATIC CYLINDER

h_NS / h_NSY ÇELİK GÖVDE HAVA SİLİNDİRİ

MAX 16 BAR

SIZE 32-100

CETOP RP 43 P



İthal boru ve krom mil



NS

SİLİNDİR KOD/CYLINDER CODE

NS / ÇİFT ETKİLİ/DOUBLE ACTING

NSY / ÇİFT ETKİLİ YASTIKLI
DOUBLE ACTING CUSHIONINGSİLİNDİR
ÇAPLARI
PİSTON
DİYAMETER

32
40
50
63
80
100

BAĞLANTILAR/MOUNTINGS

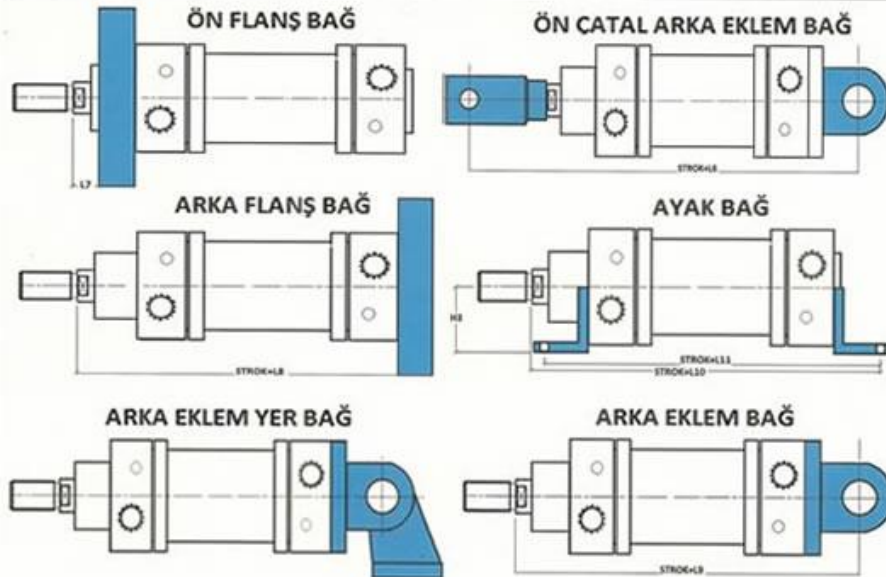
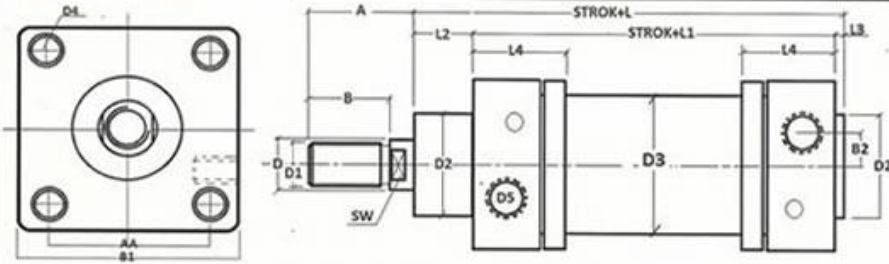
FB	FLANŞ BAĞ / FRONT or REAR FLANGE MOUNTING
EB	EKLEM BAĞ / SWIVEL FLANGE MOUNTING
EYB	EKLEM YER BAĞ / SWIVEL FLANGE MOUNTING WITH CLEVIS FOOT
ÇB	ÇATAL BAĞ / PISTON ROD CLEVIS MOUNTING
AB	AYAK BAĞ / FOOT CONNECTION

Ø 32- Ø 100 arası altı değişik çap

Ø 12- Ø 25 arası 70 µ krom kaplı mil

PNEUMATIC CYLINDER

h_NS / h_NSY ÇELİK GÖVDE HAVA SİLİNDİRİ

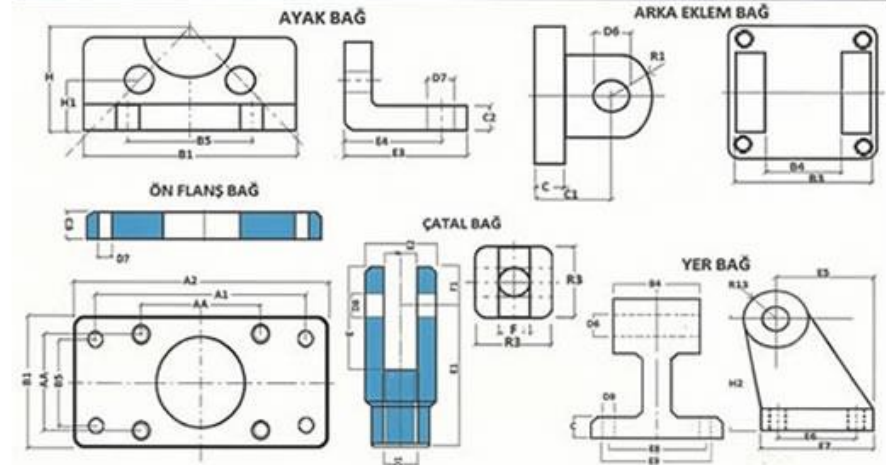


	AA	A	A1	A2	B	B1	B2	B3	B4	B5	C	C1	C2	C3	D	D1	D2
h-NS 32	33	28	64	77	20	45	5	45	26	32	8	22	4	10	12	M 10X1,25	30
h-NS 40	40	34	72	90	24	54	5	52	28	36	9	25	5	10	16	M 12X1,25	35
h-NS 50	48	44	90	110	32	65	12	60	32	45	10	27	6	12	20	M 16X1,5	40
h-NS 63	60	44	100	125	32	80	13	70	40	50	11	35	6	15	20	M 16X1,5	42
h-NS 80	71	54	126	154	40	96	16	90	50	63	12	38	8	18	25	M 20X1,5	48
h-NS 100	94	54	150	186	40	126	16	110	60	75	14	43	8	18	25	M 20X1,5	52

	D3	D4	D5	D6	D7	D8	D9	D10	D11	E	E1	E2	E3	E4	E5	E6	E7
h-NS 32	46	M5	R ¹ /8	10	7	10	6	12	19	32	40	20	32	24	27.5	18	31
h-NS 40	35	M5	R ¹ /4	12	9	12	6	16	20	38	48	24	38	28	30.5	22	35
h-NS 50	55	M6	R ¹ /4	12	9	16	7	16	25	51	64	32	42	32	40.5	30	45
h-NS 63	68	M6	R ¹ /3/8	16	9	16	7	20	25	51	64	32	50	35	44.5	35	50
h-NS 80	86	M8	R ¹ /3/8	16	11	20	9	20	30	65	80	40	60	43	57	40	60
h-NS 100	107	M8	R ¹ /2	20	13	20	9	25	32	65	80	40	57	43	65	50	70

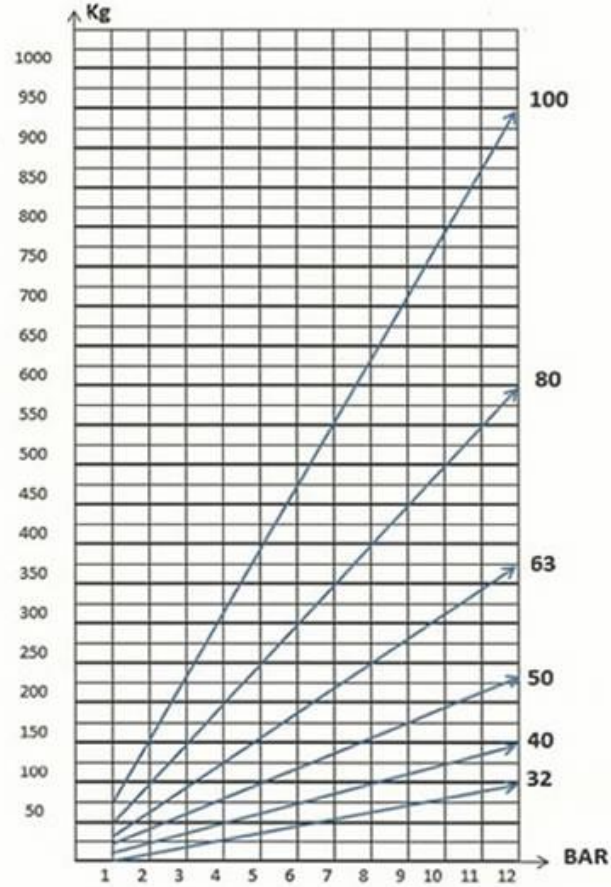
	E8	E9	F	F1	F2	F3	F4	F5	H	H1	H2	H3	L	L1	L2	L3	L4	L5
h-NS 32	38	51	10	12	50	54	74	21	24	14	32	31	114	94	16	4	36,5	12,5
h-NS 40	41	54	12	14	63	67	95	24	25	13	36	33	131	105	20	5,5	38	12
h-NS 50	50	65	16	19	75	79	107	28	32	13,5	45	38	136	106	25	5	41	12
h-NS 63	52	67	16	19	90	94	130	28	36	16	50	46	149	114	28	7	41	12
h-NS 80	66	86	20	25	110	114	150	33	47	18,5	63	54	164	124	34	6	47	12
h-NS 100	76	96	20	25	132	136	182	38	54	22	71	69	181	134	40	7	51	16

	L6	L7	L8	L9	L10	L11	L12	R1	R2	R3	SW
h-NS 32	180	14	128	140	142	142	65	10	10	20	10
h-NS 40	209	20	146	161	162	162	69	13	11	24	13
h-NS 50	234	25	155	170	170	170	79	16	13	32	17
h-NS 63	253	25	169	189	184	189	87	18	15	32	17
h-NS 80	290	30	190	210	210	215	98	18	15	40	22



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**hp****hidropnömak**

CE

C-HS**HİDROLİK SİLİNDİR****HYDRAULIC CYLINDER**

C-HS SERİSİ HİDROLİK SİLİNDİRLER 250 BAR BASINÇ VE UZUN ÖMÜRLÜ KALIP SİLİNDİRLERİDİR

KARE KESİT GÖVDE / 70 mm KROM KAPLI MİL KOLAY MONTAJ YAPILABİLİR ÖZELLİĞİ

MAX 250 BAR

46 NO YAĞ

C-HS

ÇAP Ø : 32 to 125 mm

KALIP SİLİNDİRİ

ÇALIŞMA BASINCI: 250 BAR

TEST BASINCI : 250 BAR

MAX STROK : 500 mm

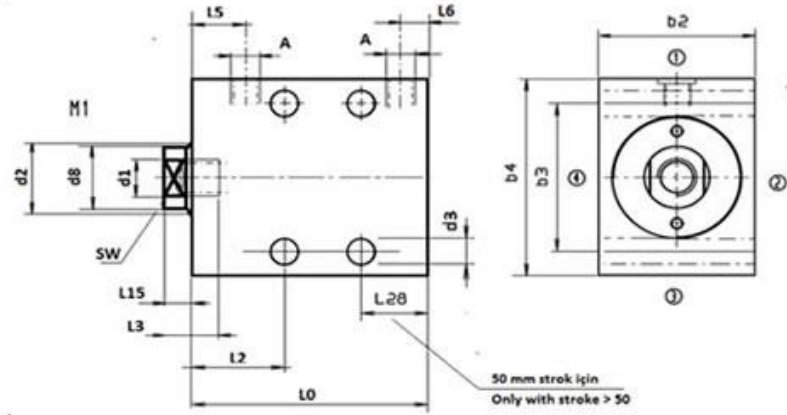
KOLAY MONTAJ**BOL YEDEK PARÇA****2 YIL GARANTİ**

h p		hidropnöm ak						ISO 9001 CE
C-HS		HİDROLİK SİLİNDİR						
ÖN MERKEZLEME		ROT UCU DİS ÖLÇÜLERİ						
BAĞIANTIKANAL ÖLÇÜLERİ								
SİLİNDİR BORUSU ANMA ÇAPı		32	40	50	63	80	100	125
d10 / 17		52	60	72	94	115	150	
L20		3	3	3	3	4	4	
L15		12	15	17	18	20	22	
d5		M 12	M 16	M 20	M 27	M 30	M 42	
L7		22	25	35	50	55	65	
L8		34	40	52	68	75	87	
h		12	12	15	20	24	28	
b		3	3	5	5	7	7	
N		206-213	42	49	51	63	71	85
N		209-211	45	49	58	64	74	86
TEL: 0216 415 13 06-07 FAX: 0216 415 13 23								
www.hidropnomak.com.tr info@hidropnomak.com.tr								2

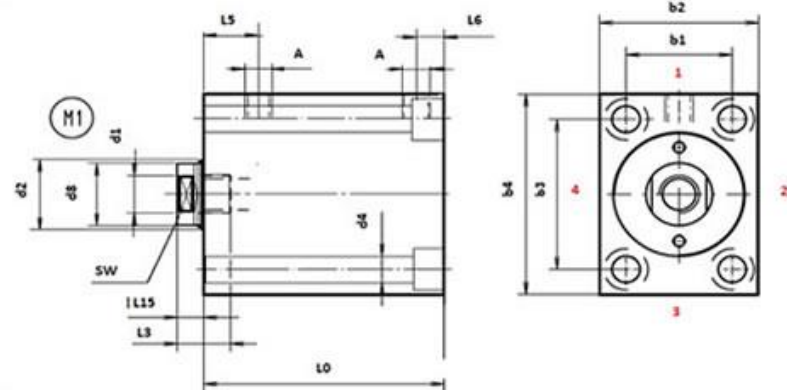
h p		hidropnöm ak						ISO 9001 CE
C-HS		HİDROLİK SİLİNDİR						
		HP CHZ250 A 40 22 25 C03 D1 ÖFB ÖEB						
Cylinder type and operating pressure Tip / Basınç								
Model / Construction form								
Boru iç çapı / Piston Ø mm								
Piston Rod Çapı / Piston Rod Ø mm								
Standart strok veya isteğe göre								
Strok standart or stroke according to the wishes of the customers								
Frenli / Frensiz								
Mode of operation								
Rod ucu standart veya özel / Piston-rod end standart								
Bağlantı şekli / Special equipments								
Bağlantı şekli / Special equipments								
PİSTON BORUSU Ø / Ø PISTON		32	40	50	63	80	100	125
PİSTON ROD Ø /		20	25	32	40	50	60	
A		R 1/4	R 3/8	R 3/8	R 1/2	R 1/2	R 3/4	
h1		35	R	45	65	80	108	
h2		55	63	75	95	120	150	
h3		55	63	76	95	120	158	
h4		75	85	100	125	160	200	
d1		M 12	M 16	M 20	M 27	M 30	M 42	
d3 / d4		10,5	10,5	13	17	21	25	
d8		19	24	31	39	49	59	
m4		M 10	M 10	M 12	M 16	M 20	M 24	
SW		17	22	27	36	41	50	
L0 Model göre strok	C01	78	82	90	115	131	154	
	C03	117	129	146	170	192	205	
	C07	92	102	119	140	160	183	
	C09	102	109	117	145	163	176	
L3		28	36	30	40	40	60	
L5 Model göre	C01,C09	26	31	31	36	41	50	
	C03,C07	29	31	37	39	46	53	
L6 Model göre	C01,C07	19	12	13	16	21	36	
	C03,C09	27	28	30	32	38	48	
L5		12	15	17	18	20	22	
L24		20	20	24	32	40	48	
L2 Model göre	C01,C09	42	49	51	63	71	85	
	C03,C07	45	49	58	64	74	86	
L28 Model göre	C01,C07	35	30	33	41	51	72	
	C03,C09	43	47	50	57	68	79	
Frenleme Boyu		5	5	6	9	14	9	
TEL: 0216 415 13 06-07 FAX: 0216 415 13 23								
www.hidropnomak.com.tr info@hidropnomak.com.tr								3

h p**hidropnömak**ISO 9001
CE**C-HS****HİDROLİK SİLİNDİR**

MODEL A



MODEL B



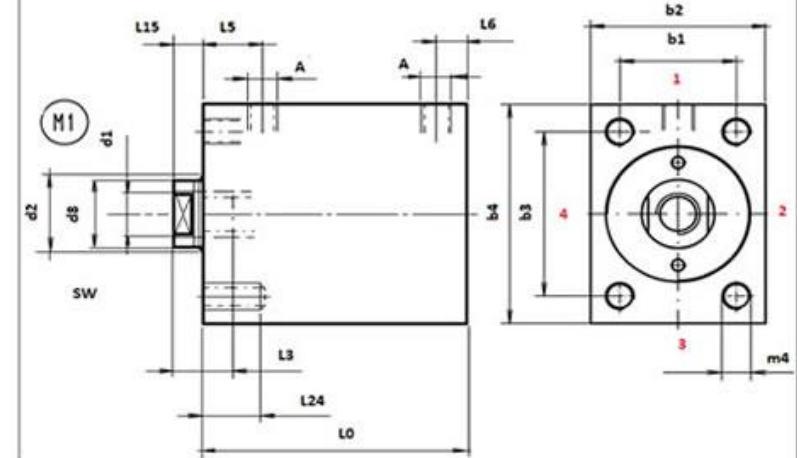
TEL: 0216 415 13 06-07 FAX: 0216 415 13 23

www.hidropnomak.com.tr info@hidropnomak.com.tr

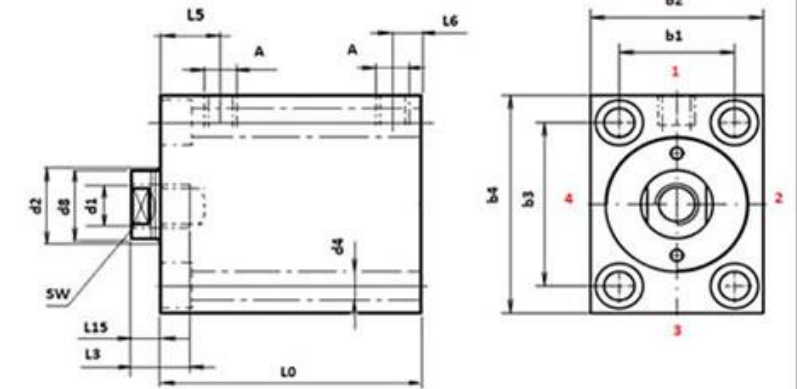
4

h p**hidropnömak**ISO 9001
CE**C-HS****HİDROLİK SİLİNDİR**

MODEL C



MODEL D



h p	hidropnöm ak	CE ISO 9001
C-HS	HİDROLİK SİLİNDİR	

DIN ISO 1219/1	
	C-01
	C-03
	C-07
	C-09

Üretim yapılmış olan bu model silindir, ebatları, göçü, pratik bağlanabilme özelliği, hızı, ön planda tutulmuştur. Standart borusu çapları, 82 mm'den 125 mm'ye kadar dır. Strok boyları, 1 mm'den 125 mm'ye kadar dır. Çalışma basıncı maximum 250 bar'dır. Gövde boyutları, mil krom kalınlığı, ve kullanılan sırdırma aletleri en uygun seçimi çok dikkatli yapılmıştır. Silindirlerde, L3 - L7 - L8 ve L15 boyutları isteğe göre değiştirilebilir. Tüm silindirler HİDROPNÖMAK A.Ş. garantisi altındadır. Sipariş ve yedek parça temini silindir üzerine, üretim tarihi, çap, strok marka vurulur.

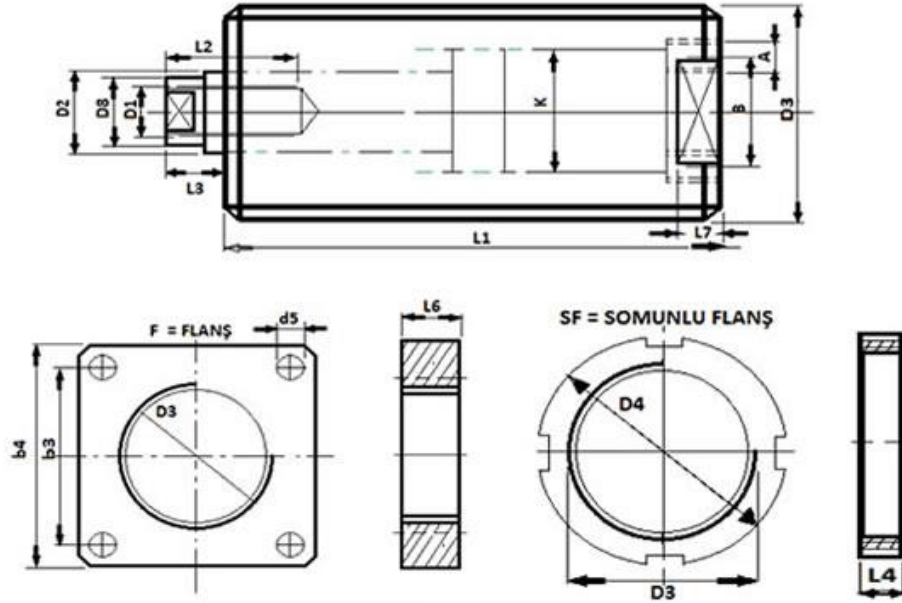
H-VS	HİDROLİK SİLİNDİR
HYDRAULIC CYLINDER	
H-VS SERİSİ HİDROLİK VİDALI SİLİNDİRLER 250 BAR BASINÇ ve UZUN ÖMÜRLÜ KALIP SİLİNDİRLERİDİR	
VİDALI GÖVDE / 70 m KROM KAPLI MİL KOLAY MONTAJ YAPILABİLİR ÖZELLİĞİ	
MAX 250 BAR	H-VS
46 NO YAĞ	ÇAP Ø : 20 to 50 mm
KOLAY MONTAJ	KALIP SİLİNDİRİ
VİDALI SİLİNDİR	ÇALIŞMA BASINCI: 160 BAR
	TEST BASINCI : 200 BAR
	MAX STROK : 100 mm

BOL YEDEK PARÇA

2 YIL GARANTİ

H-VS

HİDROLİK SİLİNDİR



Ø PİSTON	20	25	32	40	50
Ø PİSTON ROD	12	16	20	25	32
L1 KAPALI BOY	71	71	83	87	93
D1	M 8	M 10	M 12	M 16	M 20
D3	M 38X1,5	M 42X1,5	M 52X2	M 65X2	M 76X2
D4	50	54	64	81	100
L2	12	25	20	35	30
L3	10	10	13	16	21
L4	12	12	14	14	14
L6	13	14	16	18	23
A	G 1/8"	G 1/8"	G 1/4"	G 1/4"	G 1/4"
B	21	24	26	35	46
SW 1	10	13	17	22	27
SW 2	30	32	41	55	65
b3	45	55	65	80	96
b4	60	75	90	110	130
b5	6,6	9	11	14	18
PİSTON ARKA ALANI	3,1	4,9	8,0	12,5	19,6
PİSTON ÖN ALANI	2,0	2,9	4,9	7,6	11,5

SİPARİŞ KODLAMA ŞEKLİ

H-VS-F - 40/22/60

HİDROLİK GÜÇ ÜNİTESİ / POWER ÜNİT

GÜÇ ÜNİTESİ

Müşteri istekleri üzerine depo ölçüleri değişebilir
İstenilen ürünlere göre depo üstü dizayn edilir

MÜŞTERİ İSTEĞİNE GÖRE FARKLI PROJE UYGULAMALARI

ELEKTRİK KUMANDALI ÜNİTE
KOL KUMANDALI ÜNİTE



STANDART DEPO

10-25-40-60-80-100-150-200-300-500-750-1000-1500 Litre

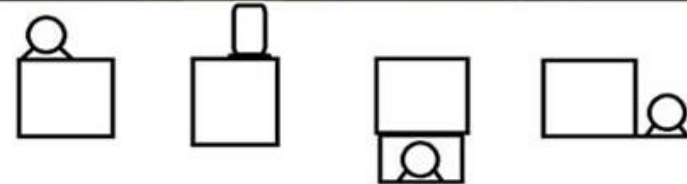
MAKİNE

ÇALIŞMA BASINÇLARI

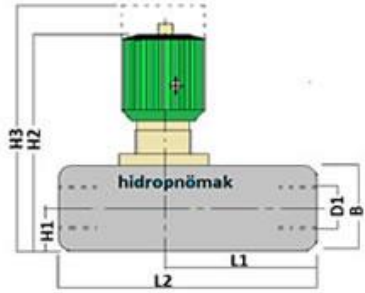
DIŞLI POMPALARDA MAX: 200 BAR - PİSTONLU POMPALARDA MAX: 350 BAR

DEPO MONTAJ ŞEKLİLERİ

ÜST YATAY MONTAJ ÜST DALGIÇ MONTAJ ALT YATAY MONTAJ ALT YAN MONTAJ



HIZ AYAR VALFİ / THROTTLE-ISOLATING VALVE



ÖLÇÜ	1/4"R	3/8"R	1/2"R	3/4"R	1"R	1,1/4"R	1,1/2"R
MALZEME	GGG40	GGG40	GGG40	ÇELİK	ÇELİK	GGG40	GGG40
MAX BASINÇ	350	350	315	250	250	200	200
GEÇİRGENLİK lt/d	16	20	30	80	125	200	350

Hat tipi çekli debi ayar valfleri, tek yönde akış kontrolü yapabilen valflerdir.

ÇEKSİZ DEBİ AYARLAR ÇİFT YÖNLÜ OLARAK SERBEST GEÇİŞ YAPAR

	B	D1	H1	H2	H3	L1	L2
1/4"R	12	1/4"	10	78	85	44	69
3/8"R	25	3/8"	12,5	82	90	52	77
1/2"R	28	1/2"	14	93	85	58	86
3/4"R	45	3/4"	22,5	118	127	55	89
1"R	50	1"R	50	152	165	65	105

B YÖNÜNDEN → A YÖNÜNE SERBEST GEÇİŞ.

0 KAPAMA YAPAR

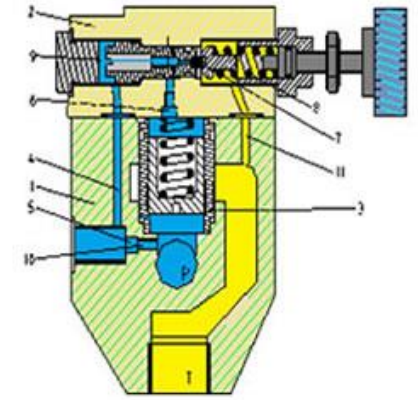
BASINÇ ALTINDA AYAR YAPMAYINIZ.

HAT TİPİ BASINÇ AYAR VALFİ / PILOT OPERATED PRESSURE RELIEF VALVE

SFERO GÖVDE

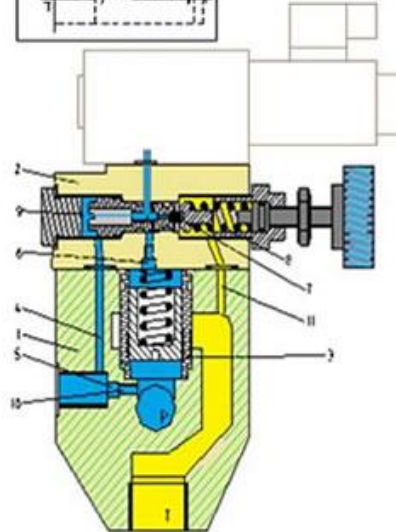
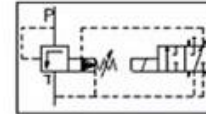
ÇALIŞMA BASINCI 315 BAR

HASSAS BASINÇ AYAR VALFİ

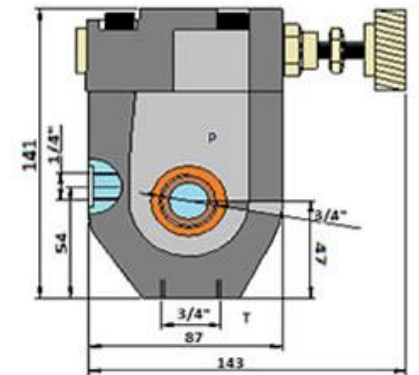
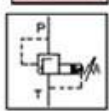


ÖLÇÜ	3/4"R
SELONOİD SIFIRLAMALI	
YÜKSEK GEÇİRGENLİK	

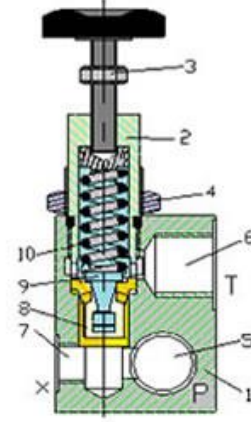
SIFIRLAMALI



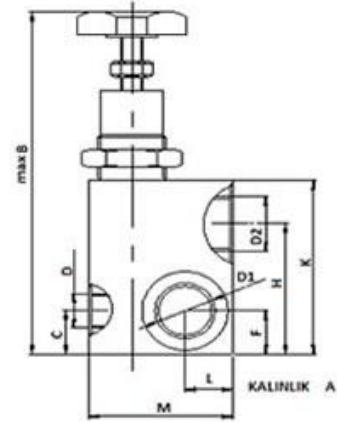
NORMAL



DİREKT EMNİYET VALFİ / DIRECT OPERATED PRESSURE RELIEF VALVE



ÖLÇÜ	1/2"R	3/4"R
MALZEME	ÇELİK	ÇELİK
MAX BASINÇ	315	315
GEÇİRGENLİK II/d	40	80



HATTİPİ, BORU BAĞLANTILI BASINÇ AYAR VALFİ

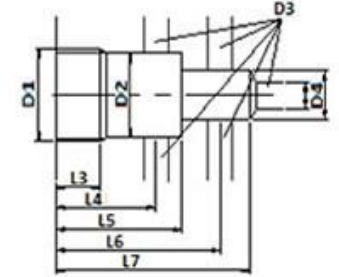
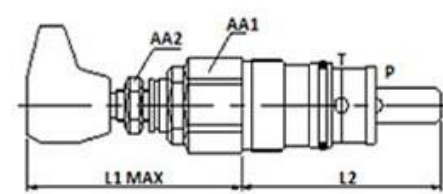
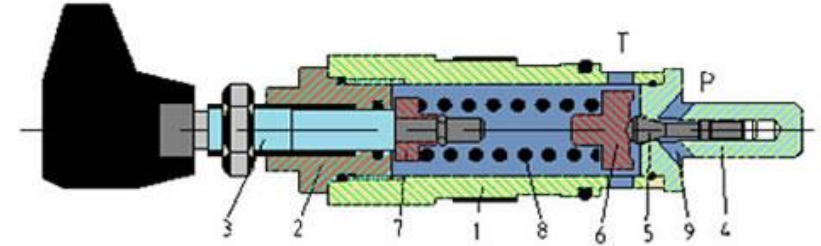
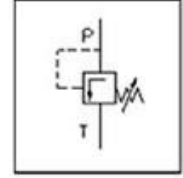
	A	B	C	D	D1	D2	F	H	K	L	M
1/2"R	33	143	18,5	1/4"	1/2"	1/2"	16,5	49,5	66	16,5	50
3/4"R	43	175	20	1/4"	3/4"	3/4"	20	75	108	22	72

KARTUŞ EMNİYET VALFİ / DIRECT OPERATED PRESSURE VALVE

PLEYT BAĞLANTIKARTIÇ VALF

ÇALIŞMA BASINCI : 315 BAR

ÇELİK GÖVDE



	L1	L2	L3	L4	L5	L6	L7	D1	D2	D3	D4	AA1	AA2	AA1 TORKU
NG 06	94	65	15	35	45	57	65	M 28X1,5	25	6	15	32	30	80 Nm
NG 10	65	77	18	41	52	68	80	M 35X1,5	32	10	19	36	30	140 Nm

PLEYT MONTAJ EMNİYET VALFİ / PILOT OPERATED PRESSURE RELIEF VALVE

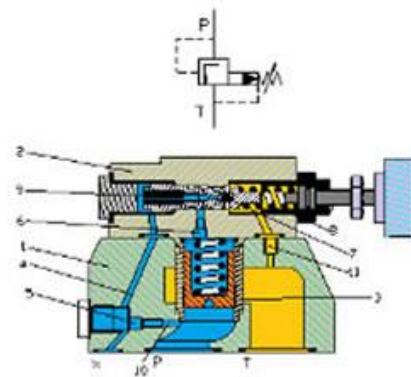
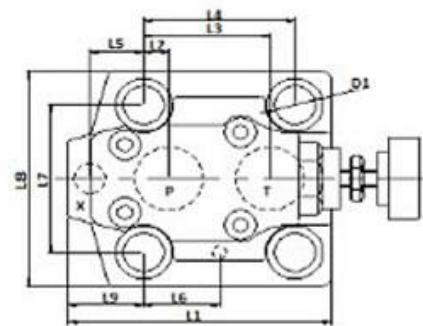
SFERO GÖVDE

ÇALIŞMA BASINCI 315 BAR

NORMAL



SIFIRLAMALI



DEĞİŞKENLİK	LİTRE
REV 10	200
REV 20	400
REV 30	600

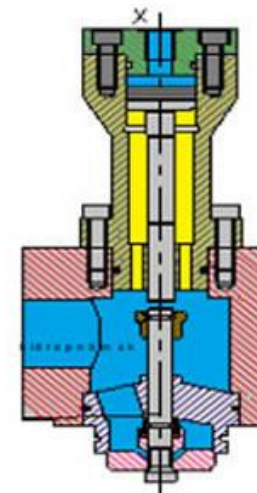
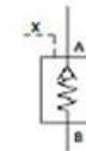
ÖLÇÜ	L1	L2	L3	L4	L5	L6	L7	L8	L9	D1
REV 10	91	22,1	47,5	53,5	0	22,1	53,5	78	27,5	14
REV 20	110	11,1	55,5	60,7	23,5	33,4	70	100	33,3	18
REV 30	140	12,7	75,2	55,3	31,5	44,5	82,5	115	41	20

ÇABUK DOLDURMA VALFİ / PRE-FİLL VALVE

SFERO GÖVDE

HİDROLİK SİLİNDİRLERİN HIZLI ÇALIŞMASINI SAĞLAR

YÜKSEK HIZ

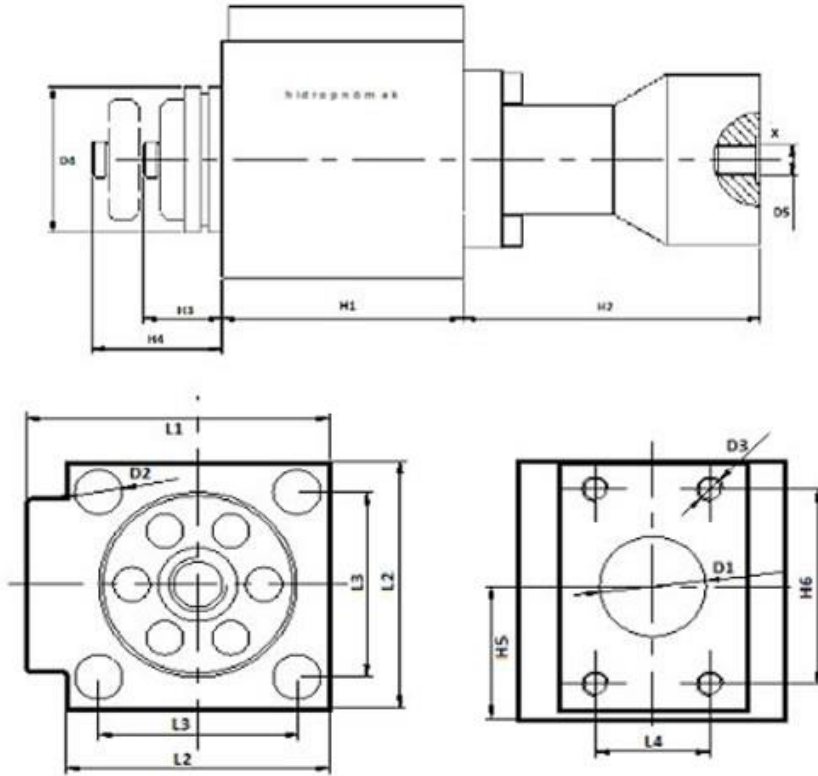


KOD	GÖVDE	BAZNASI	DEĞİ
NW 40	SFERO	350	300 mm
NW 50	SFERO	350	470 mm
NW 63	SFERO	350	750 mm
NW 80	SFERO	350	mm
NW 100	ÇELİK	350	-
NW 125	ÇELİK	350	-
NW 160	ÇELİK	350	-
NW 200	ÇELİK	350	-
NW 250	ÇELİK	325	-

SİLİNDİR ARKASI MONTAJ

YUMUŞAK AÇMA ÖZELLİĞİ

DOĞRU ÜRÜNÜ KULLANMAK İÇİN FİRMAMIZDAN BİLGİ ALINIZ..



	H1	H2	H3	H4	H5	H6	D1	D2	D3	D4	D5	L1	L2	L3	L4
NW 40	103	127	30	40	53	78	40	18	M12	62	1/2"	115	100	75	43
NW 50	113	157	38	50	58	89	50	22	M12	80	1/2"	135	120	90	51
NW 63	139	185	40	55	72	107	63	26	M16	95	1/2"	163	145	105	62
NW 80	160	237	43	63	78	107	76	33	M16	115	3/4"	192	180	130	62

NW 100 / 125 / 160 / 200 / 250 ÖLÇÜLERİ İÇİN FİRMAMIZLA İRTİBATA GEÇİNİZ

	NW 40	NW 50	NW 63	NW 80
AĞIRLIK	10 Kg	16 Kg	27 Kg	44 Kg

KİLİTLEME HAT TIPI / PILOT OPERATED CHECK VALVE

YÜKSEK BASINÇ SAKLAMA ÖZELLİĞİ

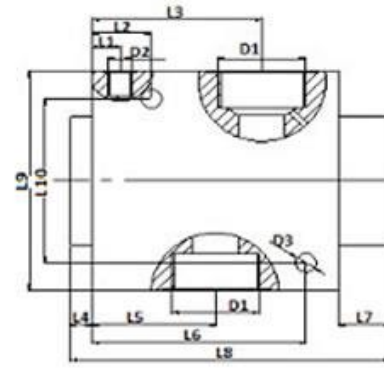
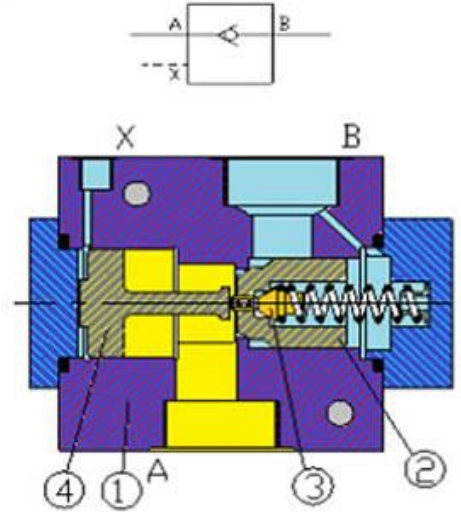
ÇELİK GÖVDE



YUMŞAK ÖN AÇMA ÖZELLİĞİ

	1/2"	3/4"	1"
L1	12,5	10	10
L2	20	20	20
L3	21	26	26
L4	10	10	10
L5	34	41	41
L6	62	75	75
L7	10	20	20
L8	100	125	125
L9	80	100	100
L10	66,5	80	80
D1	1/2"	3/4"	1"
D2	1/4"	1/4"	1/4"
D3	11	11	11

400 BAR



GEÇİRGENLİK	1/2"	3/4"	1"
	100	200	300

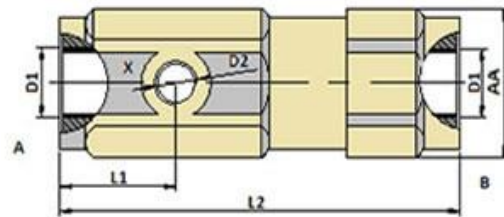
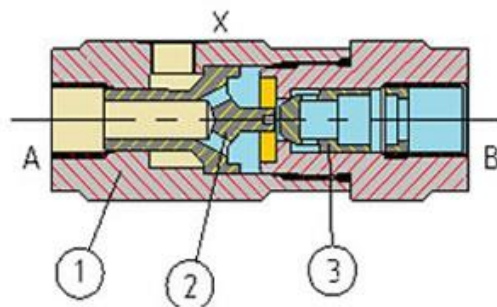
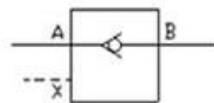
KİLİTLEME HAVE TİPİ / PILOT OPERATED CHECK VALVE

YÜKSEK BASINÇ SAKLAMA ÖZELLİĞİ

250 BAR

ÇELİK GÖVDE

REKOR BAĞLANTILI



YUMŞAK ÖN AÇMA ÖZELLİĞİ

	1/2"	3/4"
L1	36	38
L2	124	131
D1	1/2"	3/4"
D2	1/4"	1/4"
AA	41	55

GEÇİRGENLİK LT	1/2"	3/4"
	60	100

DÖNER ELEMAN / HYDRAULIC ROTATING



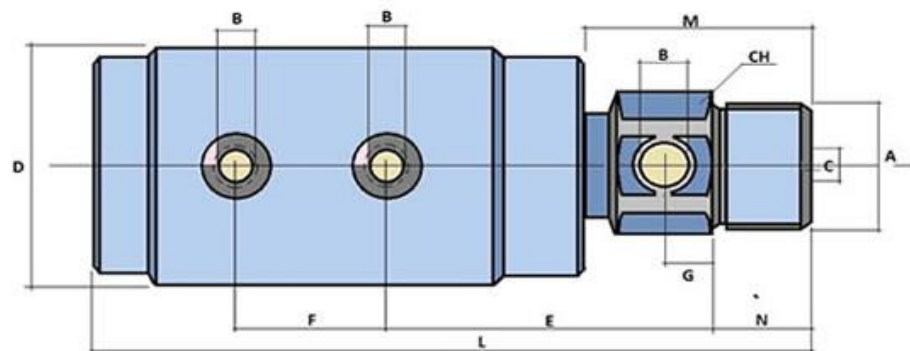
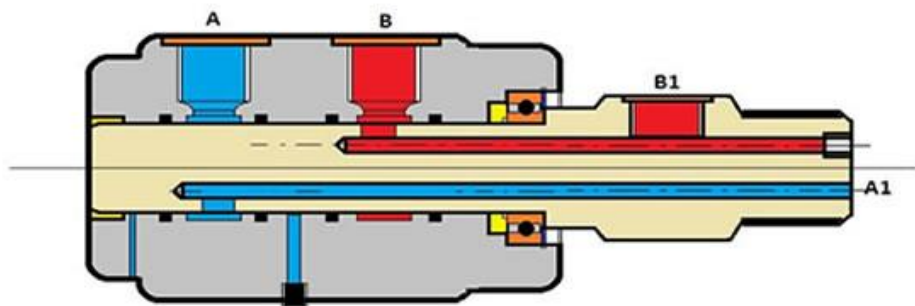
ÖLÇÜ	GÖVDE	GİRİŞ	DEVİR	BASINÇ	FİYAT
3/4"R	İTHAL ÖZEL ALAJİM ALUMİNYUM	1/4"-1/4"	250 d/d	250 Bar	SORUNUZ
1"R		3/8"-3/8"	250 d/d	250 Bar	SORUNUZ
1"R		1/4"-1/4"	250 d/d	250 Bar	SORUNUZ
1,1/4"R		3/8"-3/8"	250 d/d	250 Bar	SORUNUZ
1,1/2"R		3/8"-3/8"	250 d/d	250 Bar	SORUNUZ

İNDİKSİYONLU ÇELİK MİL -KARBON VEYA BRONZ DESTEKLİ İTHAL KEÇELİ.

MAX BASINÇ : 250 BAR

MAX SICAKLIK : 120 °C

DÖNER ELEMAN / HYDRAULIC ROTATING



A	B	C	D	E	F	G	L	M	N	CH
1/2"	1/4"	5	65	74,2	19	16	134	53	15	41
3/4"	1/4"	8	70	80	32	18	160	60	20	41
3/4"	3/8"	8	70	80	32	18	160	60	20	41
1"	1/4"	8	70	80	32	18	160	60	20	41
1"	3/8"	10	70	80	32	18	160	60	20	41
1,1/4"	1/2"	15	80	86	40	20	185	70	25	60
1,1/2"	3/4"	19	100	100	48	20	224	80	30	65

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EPS-EPP DOLUM ENJEKTÖRÜ / GUN FOR BLOCK MOLDING MACHINE



hidropnöm ak

HİDROLİK PNOMATİK MAKİNA SANAYİ VE TİCARET A.Ş.

ISO 9001



EPP ve EPS DOLUM ENJEKTÖRÜ

Gun for Block Molding Machine



MAX 0,1 - 6 BAR
DIŞ ÇAP: 50mm
KELEPÇE: 2 CİVATALI
BESLEME ÇAPI: 20mm
PİSTON MİL ÇAPI: 16mm

310 - 500 mm
ALÜMİNYUM+PİRİNÇ
ÇİFT ETKİLİ
350° C



hidropnömak

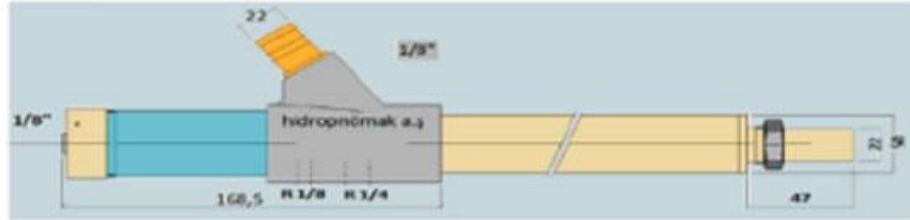
HİDROLİK PNÖMATİK MAKİNA SANAYİ VE TİCARET A.Ş.

ISO 9001

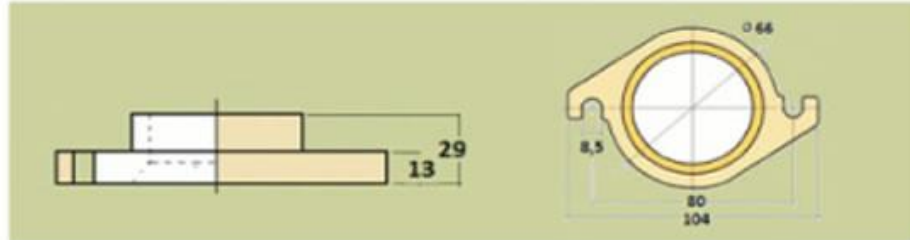


EPP ve EPS DOLUM ENJEKTÖRÜ

Gun for Block Molding Machine



Bağlantı Flanşı (Pirinç veya Alüminyum Enjeksiyon)



QUICK KAPLIN



HORTUM REKORU



DİREKT EMNİYET VALFİ / DRECTOPERATED PRESSURE RELIEF VALVE



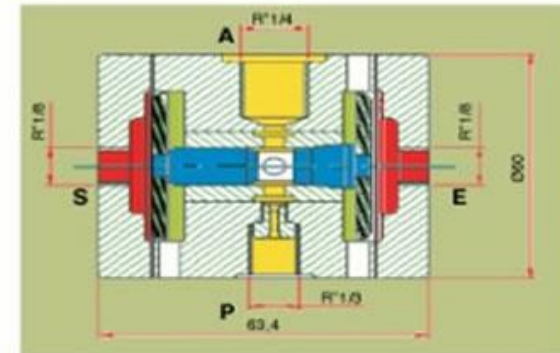
hidropnömak

HİDROLİK PNÖMATİK MAKİNA SANAYİ VE TİCARET A.Ş.

ISO 9001

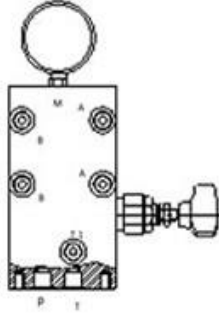
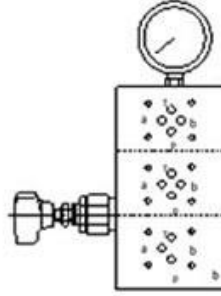


PULSATING VALVE



PLEYT / SUBPLATES

NG 6 TEKLİ EMNİYETLİ PLEYT



NG 6 TEKLİ PLEYT+DBDH6K

BAĞLANABİLİR



NG 10 TEKLİ PLEYT+DBDH10K

BAĞLANABİLİR



5/8 TEKLİ SFERO PLEYT



NG 6 veya NG 10 PLEYTLER İSTEĞE GÖRE ÇOKLU İMAL EDİLİR

DİĞER VALF ÖLÇÜLERİNE UYGUN İSTEĞE GÖRE PLEYT İMALATI YAPILIR.



Hidrolik güç ünitelerinde kullanılan bir valf bağlantı pleytidir. Aynı pompadan birden fazla valf kullanılması (NG 6 valfler) durumunda tercih edilen bir pleyttir. Maksimum 25 L/t'd pompalarda kullanılabilir. En altta NG 6 tek bobin bir valf ile sınırlama yapılır. Onun üzerinde bulunana diğer valfler istenilen amaca uygun olarak seçilebilir. Bütün giriş ve çıkışları R³/8 dir. Pleytin arka yüzünde Dönüş filtresi için bir tank hattı bulunmaktadır. Kullanıcı tercihi olarak A alttaki veya arka yüzeydeki tank (T) hattı kullanılabilir. Pleyt tespit civataları M 8 diğ boyu 15 mm dir.

TEŞEKKÜRLER