

PNÖMATİK SİLİNDİR KUVVET TABLOSU

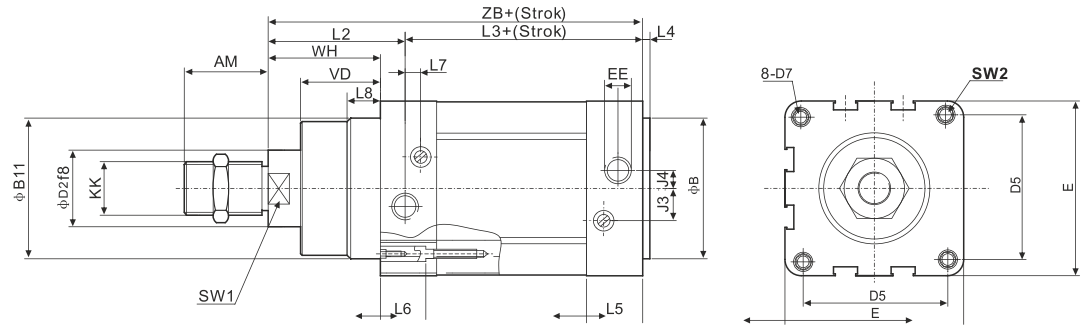
PİSTON ÇAPI	MİL ÇAPI	HAREKET YÖNÜ	PİSTON ALANI (cm²)	ÇALIŞMA BASINCI (bar)								
				2	3	4	5	6	7	8	9	10
10	4	İtme	0,79	1,6	2,4	3,1	3,9	4,7	5,5	6,3	7,1	7,9
		Çekme	0,66	1,3	2,0	2,6	3,3	4,0	4,6	5,3	5,9	6,6
12	6	İtme	1,13	2,3	3,4	4,5	5,7	6,8	7,9	9,0	10,2	11,3
		Çekme	0,85	1,7	2,5	3,4	4,2	5,1	5,9	6,8	7,6	8,5
16	6	İtme	2,01	4,0	6,0	8,0	10,0	12,1	14,1	16,1	18,1	20,1
		Çekme	1,73	3,5	5,2	6,9	8,6	10,4	12,1	13,8	15,5	17,3
20	8	İtme	3,14	6,3	9,4	12,6	15,7	18,8	22,0	25,1	28,3	31,4
		Çekme	2,64	5,3	7,9	10,6	13,2	15,8	18,5	21,1	23,7	26,4
25	10	İtme	4,91	9,8	14,7	19,6	24,5	29,4	34,3	39,3	44,2	49,1
		Çekme	4,12	8,2	12,4	16,5	20,6	24,7	28,8	33,0	37,1	41,2
32	12	İtme	8,04	16,1	24,1	32,2	40,2	48,2	56,3	64,3	72,3	80,4
		Çekme	6,91	13,8	20,7	27,6	34,5	41,4	48,4	55,3	62,2	69,1
40	16	İtme	12,56	25,1	37,7	50,2	62,8	75,4	87,9	100,5	113,0	125,6
		Çekme	10,55	21,1	31,7	42,2	52,8	63,3	73,9	84,4	95,0	105,5
50	20	İtme	19,63	39,3	58,9	78,5	98,1	117,8	137,4	157,0	176,6	196,3
		Çekme	16,49	33,0	49,5	65,9	82,4	98,9	115,4	131,9	148,4	164,9
63	20	İtme	31,16	62,3	93,5	124,6	155,8	186,9	218,1	249,3	280,4	311,6
		Çekme	28,02	56,0	84,0	112,1	140,1	168,1	196,1	224,1	252,1	280,2
80	25	İtme	50,24	100,5	150,7	201,0	251,2	301,4	351,7	401,9	452,2	502,4
		Çekme	45,33	90,7	136,0	181,3	226,7	272,0	317,3	362,7	408,0	453,3
100	25	İtme	78,50	157,0	235,5	314,0	392,5	471,0	549,5	628,0	706,5	785,0
		Çekme	73,59	147,2	220,8	294,4	368,0	441,6	515,2	588,8	662,3	735,9
125	32	İtme	122,66	245,3	368,0	490,6	613,3	735,9	858,6	981,3	1103,9	1226,6
		Çekme	114,62	229,2	343,9	458,5	573,1	687,7	802,3	916,9	1031,6	1146,2
160	40	İtme	200,96	401,9	602,9	803,8	1004,8	1205,8	1406,7	1607,7	1808,6	2009,6
		Çekme	185,06	370,1	555,2	740,3	925,3	1110,4	1295,4	1480,5	1665,6	1850,6
200	40	İtme	314,00	628,0	942,0	1256,0	1570,0	1884,0	2198,0	2512,0	2826,0	3140,0
		Çekme	298,10	596,2	894,3	1192,4	1490,5	1788,6	2086,7	2384,8	2682,9	2981,0

BİRİM DÖNÜŞÜM TABLOSU

BASINÇ	bar	mbar	MPa	kPa	Psi	Kgf/cm ²	mm Hg
	1	1000	0,1	100	14,5	1,02	750
	0,001	1	0,0001	0,1	0,0145	0,00102	0,75
	10	10000	1	1000	145	10,2	7500
	0,01	10	0,001	1	0,145	0,0102	7,5
	0,069	69	0,0069	6,9	1	0,07	51,72
	0,98	980	0,098	98	14,22	1	735,3
	0,00133	1,333	0,00013	0,133	0,0193	0,00136	1

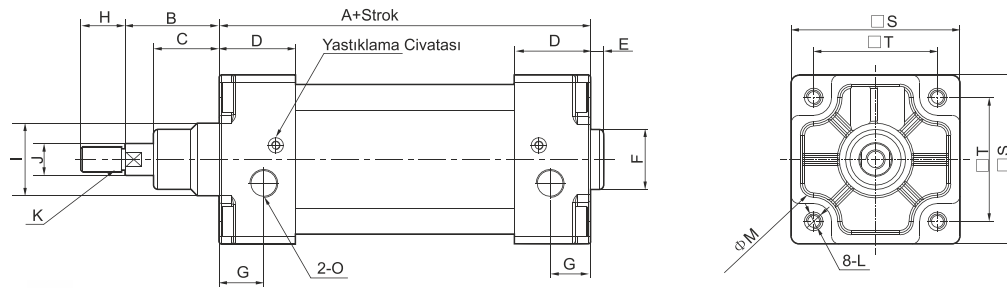
DEBİ	l / dak	cm ³ / sn	m ³ / sa	TORK	N.m	DaN.m	Kgf.m
	1	16,667	0,06		1	0,1	0,102
	0,06	1	0,3336		10	1	1,02
	16,67	277,78	1		9,8	0,98	1

DNC SERİSİ ISO MANYETİK YASTIKLI SİLİNDİRLER



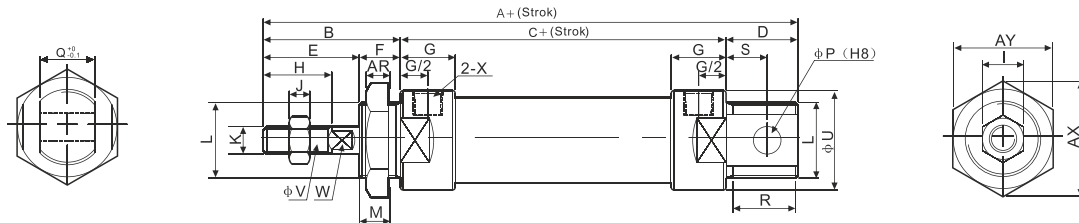
Boru Çapı	AM	B	D2	D5	D7	E	EE(G)	J3	J4	KK	L2	L3	L4	L5	L6	L7	L8	SW1	SW2	VD	WH	ZB
32	22	30	12	32.5	M6	45	1/8	6	5.2	M10×1.25	41.6	62.8	4	26	16	3.3	10	10	6	12	26	104,4
40	24	35	16	38	M6	54	1/4	8	6	M12×1.25	44	77	4	29.6	16	3.6	10.5	13	6	20	30	121
50	32	40	20	46.5	M8	64	1/4	10	8.5	M16×1.5	51	78	4	30	17	5.1	11.5	17	8	27	37	129
63	32	45	20	56.5	M8	75	3/8	12.4	10	M16×1.5	54	87	4	35.6	17	6.6	15	17	8	27	37	141
80	40	45	25	72	M10	93	3/8	12.5	8	M20×1.5	62.4	95.2	4	35.9	17	10.5	15.7	22	10	34.7	46	157,6
100	40	55	25	89	M10	110	1/2	11.8	10	M20×1.5	69.8	100.4	4	39	17	8	19.2	22	10	38	51	170,2
125	54	60	32	110	M12	134	1/2	13	8	M27×2	83	124	6	44.7	22	14	20.5	28	12	46	65	207

DNG SERİSİ ISO MANYETİK YASTIKLI SİLİNDİRLER



Boru Çapı/Sembol	A	B	C	D	E	F	G	H	I	J	K	L	M	S	T	O
160	180	80	60	50	6	Φ 65	25	72	Φ 65	40	M36×2	M16	Φ25φ30	180	140	G3/4"
200	180	95	70	50	6	Φ 75	25	72	Φ 75	40	M36×2	M16	Φ25φ30	220	175	G3/4"
250	200	105	67	52	10	90	31	84	90	50	M42×2	M20	Φ 30	270	220	G1"
320	218	120	82	52	10	110	31	96	110	63	M48×2	M24	Φ 34	340	270	G1"

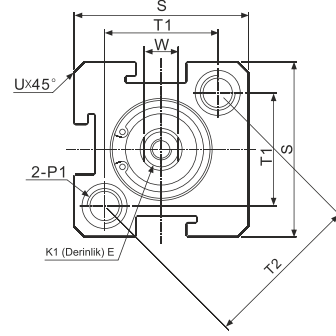
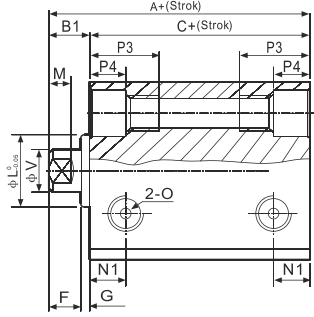
MA SERİSİ MANYETİK MİNİ KALEM SİLİNDİRLER



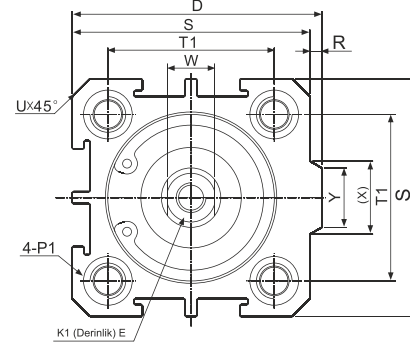
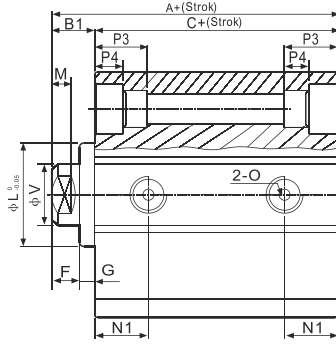
Boru Çapı/Sembol	A	A1	A2	B	C	D	D1	E	F	G	H	I	J	K
16	114	114	98	38	60	16	16	22	16	10	16	10	5	M6×1
20	137	128	116	40	76	21	12	28	12	16	20	12	6	M8×1.25
25	141	134	120	44	76	21	14	30	14	16	22	17	6	M10×1.25
32	147	134	120	44	76	27	14	30	14	16	22	17	6	M10×1.25
40	149	136	122	46	76	27	14	32	14	16.7	24	17	7	M12×1.25
Boru Çapı/Sembol	L	M	P	Q	R	R1	S	U	V	W	X	AR	AX	AY
16	M16×1.5	14	6	12	14	14	9	21	6	5	M5	6	24	27.5
20	M22×1.5	10	8	16	19	10	12	27	8	6	G1/8"	7	33	29
25	M22×1.5	12	8	16	19	12	12	30	10	8	G1/8"	7	33	29
32	M24×2.0	12	10	16	25	12	15	35	12	10	G1/8"	8	37	32
40	M30×2.0	12	12	20	25	12	15	41.6	16	14	G1/8"	9	47	41

SDA SERİSİ MANYETİK SHORT STROKE SİLİNDİRLER

Ø12 - Ø16



Ø20 - Ø100



Model Boru Çapı/Symbol	Manyetiksiz			Manyetik			D	E		F	G	K1	L	M	N1
	A	B1	C	A	B1	C		Strok ≤ 10	Strok > 10						
12	22	5	17	32	5	27	-	6		4	1	M3×0.5	10.2	2.8	6.3
16	24	5.5	18.5	34	5.5	28.5	-	6		4	1.5	M3×0.5	11	2.8	7.3
20	25	5.5	19.5	35	5.5	29.5	36	8		4	1.5	M4×0.7	15	2.8	7.5
25	27	6	21	37	6	31	42	10		4	2	M5×0.8	17	2.8	8
32	31.5	7	24.5	41.5	7	34.5	50	12		4	3	M6×1	22	2.8	9
40	33	7	28	43	7	36	58.5	12		4	3	M8×1.25	28	2.8	10
50	37	9	28	47	9	38	71.5	15		5	4	M10×1.5	38	2.8	10.5
63	41	9	32	51	9	42	84.5	15		5	4	M10×1.5	40	2.8	11.8
80	52	11	41	62	11	51	104	15	20	6	5	M14×1.5	45	4	14.5
100	63	12	51	73	12	61	124	18	20	7	5	M18×1.5	55	4	20.5

Boru Çapı/Symbol	N3	O	P1	P3	P4	R	S	T1	T2	U	V	W	X	Y
12	6	M5×0.8	2 Tarafta: Ø 6.5 Diş: M5 x 0.8 Delik Çapı: Ø 4.2	12	4.5	-	25	16.2	23	1.6	6	5	-	-
16	6.5	M5×0.8	2 Tarafta: Ø 6.5 Diş: M5 x 0.8 Delik Çapı: Ø 4.2	12	4.5	-	29	19.8	28	1.6	6	5	-	-
20	-	M5×0.8	2 Tarafta: Ø 6.5 Diş: M5 x 0.8 Delik Çapı: Ø 4.2	14	4.5	2	34	24	-	2.1	8	6	11.3	10
25	-	M5×0.8	2 Tarafta: Ø 8.2 Diş: M6 x 1.0 Delik Çapı: Ø 4.6	15	5.5	2	40	28	-	3.1	10	8	12	10
32	-	G1/8"	2 Tarafta: Ø 8.2 Diş: M6 x 1.0 Delik Çapı: Ø 4.6	16	5.5	6	44	34	-	2.15	12	10	18.3	15
40	-	G1/8"	2 Tarafta: Ø 10 Diş: M8 x 1.25 Delik Çapı: Ø 6.5	20	7.5	6.5	52	40	-	2.25	16	14	21.3	16
50	-	G1/4"	2 Tarafta: Ø 11 Diş: M8 x 1.25 Delik Çapı: Ø 6.5	25	8.5	9.5	62	48	-	4.15	20	17	30	20
63	-	G1/4"	2 Tarafta: Ø 11 Diş: M8 x 1.25 Delik Çapı: Ø 6.5	25	8.5	9.5	75	60	-	3.15	20	17	28.7	20
80	-	G3/8"	2 Tarafta: Ø 14 Diş: M12 x 1.75 Delik Çapı: Ø 9.2	25	10.5	10	94	74	-	3.65	25	22	36	26
100	-	G3/8"	2 Tarafta: Ø 17.5 Diş: M14 x 2.0 Delik Çapı: Ø 11.3	30	13	10	114	90	-	3.65	32	27	35	26

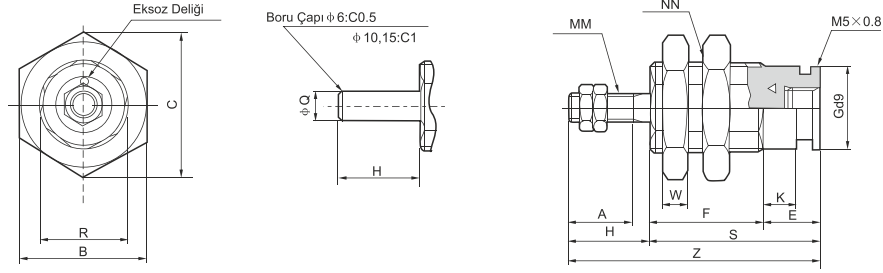
Technical drawing of the 2-P1 mounting bracket, showing dimensions and labels:

- Front View (Left):** Shows a rectangular plate with dimensions $\phi 16 \sim \phi 25$, T , M , $K \pm 0.2$, L , and S . It includes two mounting holes labeled $2-M4 \times 0.7$.
- Side View (Middle):** Shows the bracket's profile with dimensions $A + \text{Strok}$, B , $C + \text{Strok}$, 15 , $D \pm 0.2 + \text{Strok}$, $E \pm 0.2$, F , H , W , 2-Taraf , $O \pm 0.2$, I , J , and $G \pm 0.2$. It labels the $2-P1$ mounting slot and the $2-P2$ mounting slot.
- Detail View (Right):** Shows a cross-section of the bracket with dimensions $N1$, $N2$, and $2-M5 \times 0.8$.

Technical drawing of the 32mm diameter, 100mm length, 10mm wall thickness version of the 32mm x 100mm x 10mm 304 stainless steel pipe fitting. The drawing includes three views: a front view, a side view, and a top view. The front view shows a rectangular flange with a central hole and four mounting holes. The side view shows the profile of the flange with dimensions for thickness and mounting hole positions. The top view shows the circular flange with dimensions for diameter, thickness, and mounting hole positions. Key dimensions include: outer diameter 32mm, inner diameter 20mm, flange thickness 10mm, mounting hole diameter 6mm, and mounting hole pitch 10mm. The drawing also includes a note about the material: '304 Paslanmaz Çelik'.

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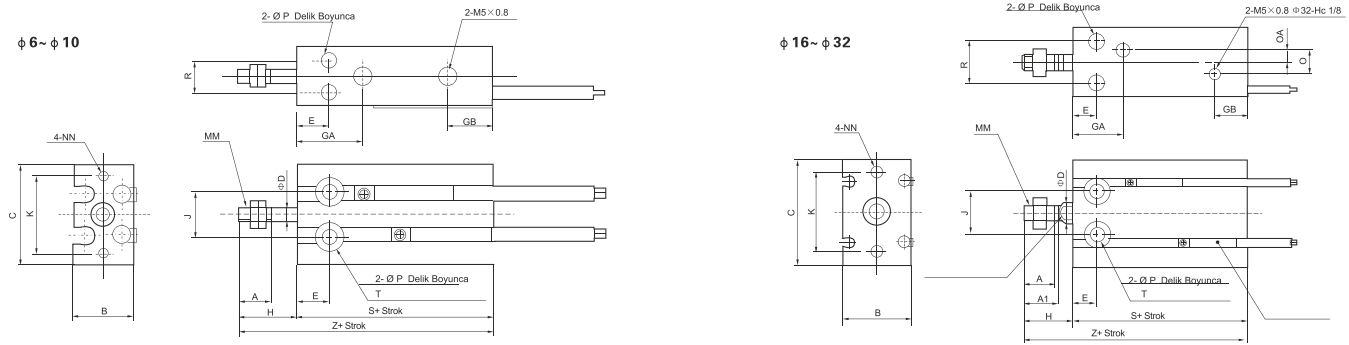
CJPB MİNİ KOVAN SERİSİ SİLİNDİRLER



St=(Strok) mm

Boru Çapı	A	B	C	E	F			φ G	H	K	MM	NN	R	S			W	Z			Q
					5st	10st	15st							5st	10st	15st		5st	10st	15st	
6	7	12	13.9	6	12.5	19.5	26.5	8.5	9	3.5	M3×0.5	M10×1.0	9	18.5	22.5	32.5	3	27.5	34.5	41.5	3
10	10	19	22	6	14.5	21	28	12	12	3.5	M4×0.7	M15×1.5	13	20.5	27	34	4	32.5	39	46	5
15	12	27	31	7	16.5	22.5	29	19	14	4.2	M5×0.8	M22×1.5	20	23.5	29.5	36	5	37.5	43.5	50	6

CDUK SERİSİ MANYETİK TABLALI SİLİNDİRLER



Boru Çapı	A	A1	B	C	D	E	GA	GB	H	K	J	L	MM
6	7	-	13	22	3	7	15	10	13	17	10	-	M3×0.5
10	10	-	15	24	4	7	16.5	10	16	18	11	-	M4×0.7
16	11	12.5	20	32	6	7	16.5 ^{Note}	11.5	16	25	14	5	M5×0.8
20	12	14	26	40	8	9	19	12.5	19	30	16	6	M6×1.0
25	15.5	18	32	50	10	10	21.5	13	23	38	20	8	M8×1.25
32	19.5	22	40	62	12	11	23	12.5	27	48	24	10	M10×1.25

Boru Çapı	NN	P	Q	QA	R	T	Manyetiksiz		Manyetik	
							S	Z	S	Z
6	M3 x 0.5 derinlik 5	3.2	-	-	7	6 derinlik 4.8	33	46	33	46
10	M3 x 0.5 derinlik 5	3.2	-	-	9	6 derinlik 5	36	52	36	52
16	M4 x 0.7 derinlik 6	4.5	4	2	12	7.6 derinlik 6.5	30	46	40	56
20	M5 x 0.8 derinlik 8	5.5	9	4.5	16	9.3 derinlik 8	36	55	46	65
25	M5 x 0.8 derinlik 8	5.5	9	4.5	20	9.3 derinlik 9	40	63	50	73
32	M6 x 1.0 derinlik 9	6.6	13.5	4.5	24	11 derinlik 11.5	42	69	52	79