

HİDROLİK KLEMP SİLİNDİR / SWIVEL & CLAMP HYDRAULIC CYLINDER

OS4 Tipi Klemp Silindirler / OS4 Lever Clamp Cylinders



ÖZELLİKLER / FEATURES

- Piston ileri çıktığında kaldırma prensibiyle iş parçası tutulur.
Based on the lever theory, OS4 product is designed to clamp objects while the piston is pushed up.
- Klemp kolu desteği herhangi bir boşluk yapmayacak şekilde dizayn edilmiştir.
The supporter of the clamp arm is well designed to prevent any shaking of the supporter.

TEKNİK GÜÇ / THEORETICAL FORCE

	boru bore (mm)	rod (mm)	Baskı alanı pressed area (cm ²)	Sıkma gücü			
				70 kgf/cm ² Basınç		140 kgf/cm ² Basınç	
				output (kgf)	clamp (kgf)	output (kgf)	clamp (kgf)
	40	22.4	12.6	880	540	1764	1090
	50	28	19.6	1373	870	2744	1750

$F = \frac{f \times L_1}{L_2}$
 F: baskı kuvveti-clamp force (kgf)
 f: piston kuvveti-output (kgf)
 L₁: distance between pilot point and push point
 L₂: distance between pilot point and clamp point

SİPARİŞ FORMU / ORDER FORM

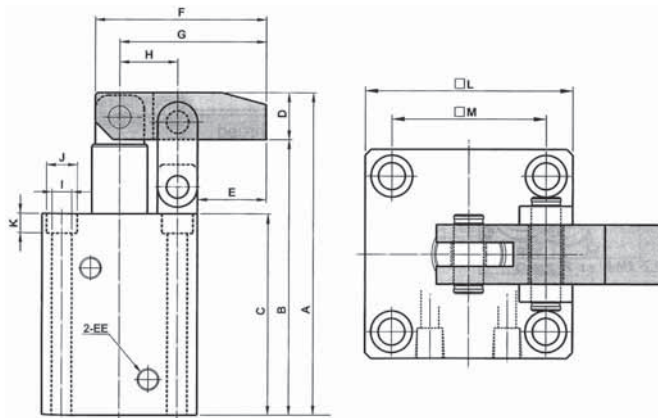
OS4 — 32 — M

OS4 tipi klemp silindir / OS4 : lever clamp cylinders	
1 boru / bor (mm)	32 ` 40 ` 50
2 giriş yuvası input port	(1) space: standard position (body side) (2) m: bottom side

ÖZELLİKLER / SPECIFICATIONS

boru / bore (mm)	40	50
etki / acting	çift etkili double acting	
dönüş yönü swivel direction	yukarı aşağı up & down	
sıkma mesafesi clamp stroke (mm)	30	35
akışkan / fluid	mineral yağ oil mineral	
max. çalışma basıncı max. working press. (kgf / cm ²)	70 , 140 bar	

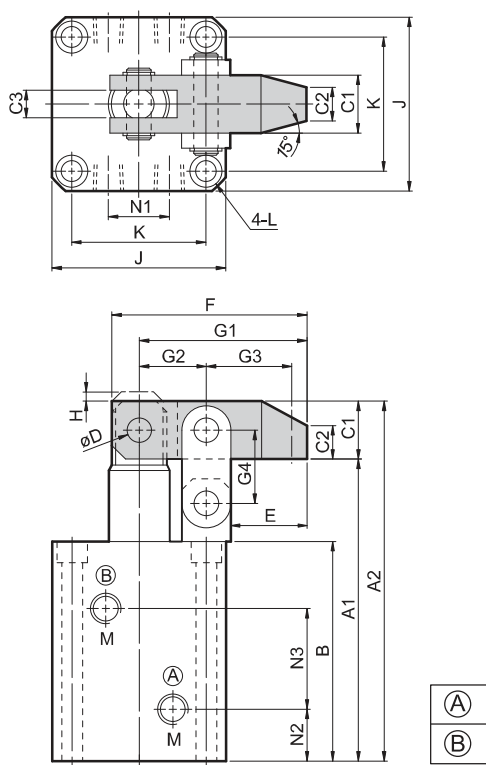
DIŞ ÖLÇÜLER / EXTERNAL DIMENSIONS



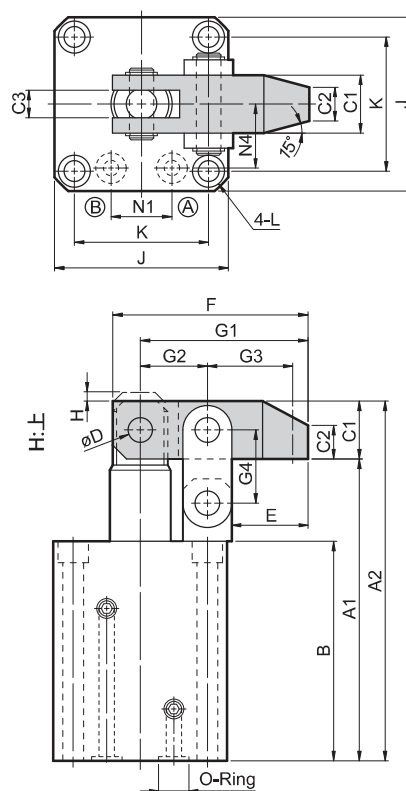
not boru	A	B	C	D	E	F	G	H	I	J	K	L	M	EE
Ø 40	144.2	122	90	□22.5	30	77	66	26	9	14	9	70	52	1/4RC
Ø 50	162.4	137	100	□25.4	36	90	77	30	9	14	9	80	58	1/4RC

WHLC (OS4 Old Series)

■ SD



■ M



	A1	A2	B	C1	C2	C3	D	E	F	G1	G2	G3	G4
25	103	122	76	19	11	9	8	25	64	55	22	28	24
32	112	131	85	19	11	9	8	25	64	55	22	28	24
40	122	144.2	90	22.2	13	10	10	30	77	66	26	34	29
50	137	162.4	100	25.4	15	11	12	35.5	90	77	30	39	33
63	155	186.8	111	31.8	19	15	15	43	110	94	36	48	39

	H	J	K	L	M	N1	N2	N3	N4	O-Ring
25	3	55	42	Ø6.8-Ø10,5x6,5dp	RC1/8	18	17	33	20	P7
32	3	57	44	Ø6.8-Ø10,5x6,5dp	RC1/8	22	19	38	22	P7
40	4	69	52	Ø9-Ø14x9dp	RC1/4	26	19	40	26	P8
50	4	75	58	Ø9-Ø14x9dp	RC1/4	32	21.5	45	30	P8
63	4	96	75	Ø11-Ø18x11dp	RC1/4	38	22	52	38	P9