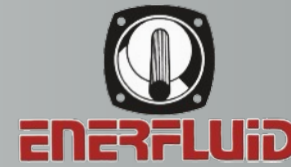
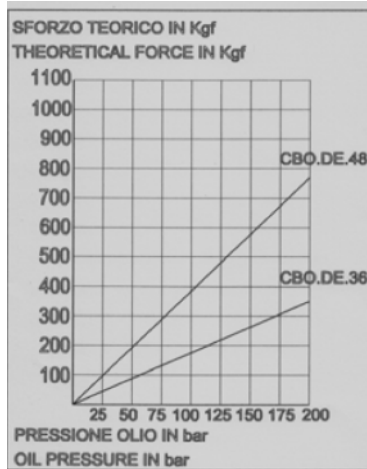


90° Rotary bracket cylinders feed on base - CBO Series



DIAGRAM



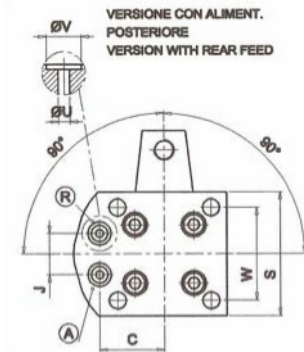
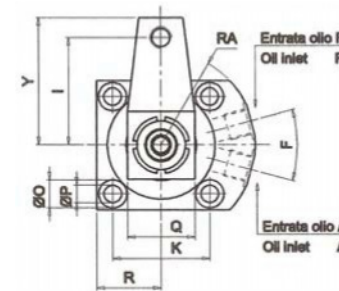
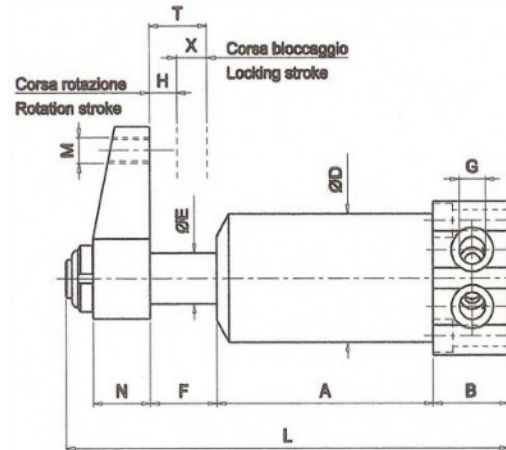
Description:

Feed on the lower base or by connections with o-rings for applications without pipes.
 Opportunity to connect on manifold.
 Bracket orientation free on 360°
 Locking cycle in 2 phases: first -90° rotation and partial coming down; second- coming down and locking.
 Safety system against overloads with opportunity to restore initial position
 Locking parts to tooling on machine-tools
 Supplied complete with standard locking bracket

⚠ For applications with special locking brackets it's recommended to reduce flow and oil pressure, to avoid to damage rotation systems. That reduction must be proportioned to the lever length and to the bracket mass.

DX: Right Hand Rotation
SX: Left Hand Rotation
XX: In line stroke only

SYMBOL



To avoid the cylinder finds obstacles during bracket rotation, to avoid overloading

Model	Locking force (200 bar) kN	Total Stroke mm	Vertical Stroke mm	Oil Volume cm ³		Locking area cm ²	Oil Inlet R	Dimensions																				
				Locking	Return			A	B	C	D	E	F	G	H	I	J	L	M	N	O	P	Q	R	RA	S	U	V
CBO DE 36 10 DX	3.5	19	10	3.4	6.3	1.8	G1/8	72	25	25	40	16	22	9	40	16	147	M8	19	25	24	35	48	3	9	36	47.5	1.25
CBO DE 36 10 SX																												
CBO DE 48 13 DX	7.8	22	13	8.6	15.5	3.9		84	25	27	46	20	24	9	50	18	164	M10	21	35	26	39	52	3	9	40	60.5	1.25
CBO DE 48 13 SX																												