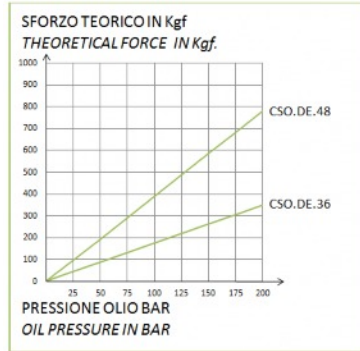


90° Rotary bracket cylinders - upper feed (CSO Series)

Diagram

DIAGRAMMA
DIAGRAM



Description:

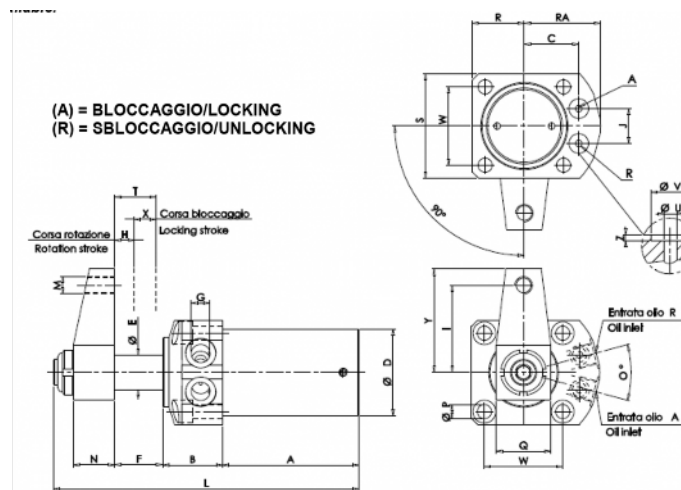
Threaded body for easy mounting on toolings and opportunity to regulate the length of cylinder
Completed with standard locking bracket.

Locking cycle in 2 phases: - 90° rotation and partial coming down phase; second - coming down and locking phase.

Bracket orientation free on 360°

Locking parts to toolings on conventional or NC machine-too

SYMBOL



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

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

Model	Locking force at 200 bars kN	Total Stroke T mm	Locking Stroke mm X	Oil Volum cm3		Locking aera cm2	Oil Intlet G	Dimensions																					
				Locking	Return			A	B	C	D	E	F	H	I	J	L	M	N	O	P	Q	R	RA	S	U	V	W	Y
CSO DE 36 10 DX/SX	3.5	19	10	3.4	6.3	1.8	G1/8	62.5	27.5	25	40	16	22	9	40	16	140	M8	19	30°	6.5	25	24	35	48	3	9	36	47.5
CSO DE 48 13 DX/SX	7.8	22	13	8.6	15.5	3.9		77	29	27	46	20	25		50	18	162	M10	21			35	26	39	52			40	60.5
CSO DE 48 25 DX/SX	7.84	34	25	13.3	23.3	3.9		89	29	27	46	20	37		50	18	186	M10	20			35	26	39	52			40	60.5