MPI.A

MOKLOS

Built-in pump - Spring return - Capacity of 10 to 100 tonnes

Alliage Léger

850 bar

Description

Sturdy, reliable, easy-to-handle and autonomous, MOKLOS MPI.A light alloy pumps are ideal for mobile uses, in workshops or on worksites.

The braking valve makes it possible to control the load during descent and the unladen piston is retracted by the built-in return spring. Their hydraulic pump with two automatic flow rates enables speedy contact with the load and a reasonable force on the lever in the pressure rise phase. The parts are adjusted to the nearest micron and tightness is guaranteed with an oil film, with no seal, to enhance durability further.

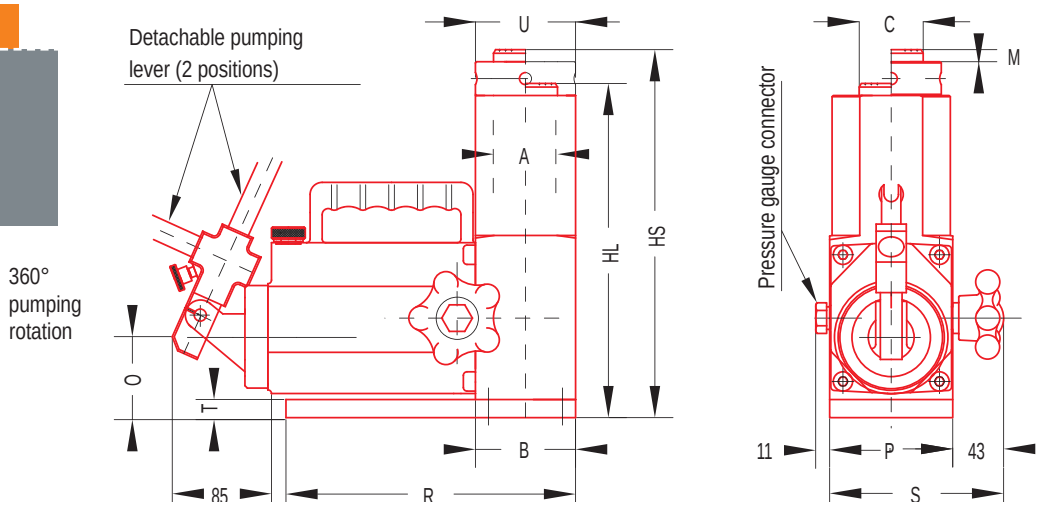
In the S version, the threaded piston is equipped with a safety nut enabling mechanical securing of the load in position.

Specifications

- Thrust 10 to 100 tonnes
- Stroke 100 to 220 mm
- Piston return using built-in spring
- Smooth or threaded piston with safety nut (S version)
- Guide and full load stop ring
- Threaded and detachable flat piston head made of treated steel
- Built-in pump with automatic dual flow rate with internal pressure limiter
- Pumping lever with 360° range
- Pressure gauge connector on tank body

On request

- Tilting piston head
- Stabilisation or distribution base plate
- Different strokes



Cat Tonnes	Forces KN	Cross-section cm2	Stroke mm	Oil volume in litres	P/N Without nut	P/N With nut	Mass Kg without nut	Mass Kg with nut	HL	HS	A	B	P	C	M	O	Q	R	S	T	U	Advance per pump activation in mm no-load	Advance per pump activation in mm laden
10 / 15	98	19,63	100	0,2	MPI.A.10/15.100.L	MPI.A.10/15.100.S	12,4	13	208	228	50	70	102	43	8	67	324	240	158	15	70	8,5	0,95
			160	0,32	MPI.A.10/15.160.L	MPI.A.10/15.160.S	14,4	15	273	293													
			200	0,4	MPI.A.10/15.200.L	MPI.A.10/15.200.S	15,7	16,3	318	338													
25	245	28,27	100	0,3	MPI.A.25.100.L	MPI.A.25.100.S	13,3	14,5	217	245	60	83	102	53	10	67	337	240	158	15	83	5,9	0,65
			160	0,46	MPI.A.25.160.L	MPI.A.25.160.S	15	16,2	277	305													
			220	0,63	MPI.A.25.220.L	MPI.A.25.220.S	16,7	17,9	337	365													
50	490	56,74	100	0,6	MPI.A.50.100.L	MPI.A.50.100.S	19	21,5	226	261	85	120	122	75	10	67	389	262	178	15	113	2,95	0,33
			160	0,91	MPI.A.50.160.L	MPI.A.50.160.S	22,5	25	286	321													
			220	1,3	MPI.A.50.220.L	MPI.A.50.220.S	26	28,5	346	381													
75	736	86,59	100	0,87	MPI.A.75.100.L	MPI.A.75.100.S	24,3	29,3	236	266	105	156	120	95	10	57	425		200	3	148	1,93	0,21
			160	1,5	MPI.A.75.160.L	MPI.A.75.160.S	30	34	296	326													
100	981	132,73	100	1,4	MPI.A.100.100.L	MPI.A.100.100.S	31	40	232	280	130	180	180	117	12	57	450		227	10	174	1,25	0,13

Note: Cylinders supplied in working order and topped up with oil