

Single-Acting Cylinder MS series (return-by-spring type)

Description of the type

MS **2** — **75** **5**

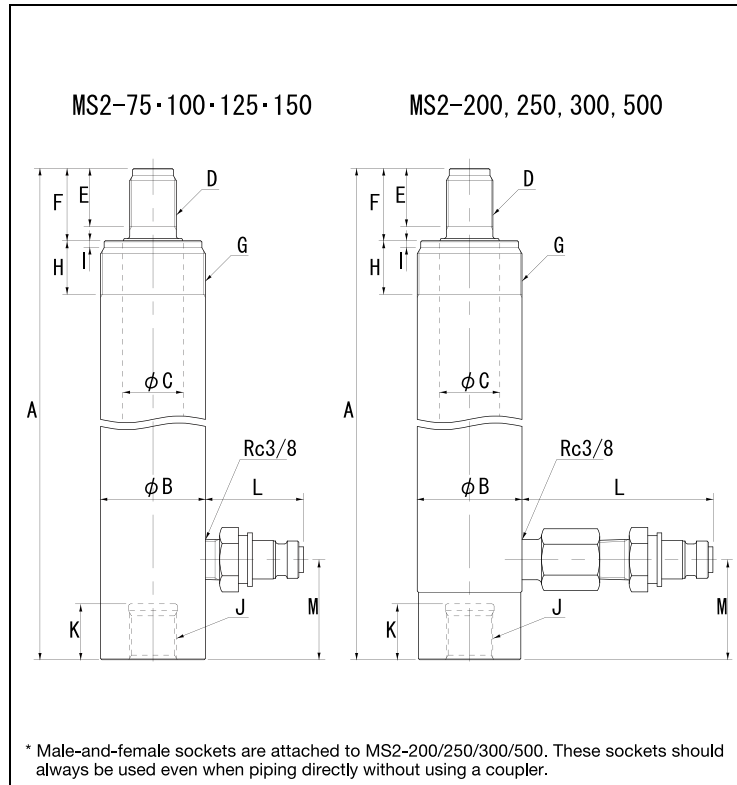
Maximum output
2 : 200 kN

Attached coupler
No mark : ROC-13R
S : S-1R
N C : W/O coupler

MS series

Stroke (mm)

●The piston and the inner side of the cylinder tube are coated.



* Male-and-female sockets are attached to MS2-200/250/300/500. These sockets should always be used even when piping directly without using a coupler.

■ Specification

		200kN							
Type		MS2-75	MS2-100	MS2-125	MS2-150	MS2-200	MS2-250	MS2-300	MS2-500
Maximum operating pressure	MPa	70							
Maximum output	kN	200							
Pressure area	cm ²	28.74							
Stroke	mm	75	100	125	150	200	250	300	500
Minimum overall length	A	269	294	319	372	410	460	510	710
Inner diameter of the cylinder	φ	60.5							
Outside diameter of the cylinder	φB	82							
Piston diameter	φC	53							
Piston screw diameter	D	M40 × 2							
Piston screw length	E	40							
Piston ejection length	F	46							
Collar screw diameter	G	M82 × 2							
Collar screw length	H	50							
None thread length	I	6							
Base screw diameter	J	M40 × 2							
Base screw depth	K	39							
Coupler ejection length	L	≒48				≒83			
Coupler position	M	61							
Coupler connection diameter	—	Rc3/8							
Attached coupler	—	ROC-13R							
Necessary oil level	cm ³	216	288	360	432	575	719	863	1437
Approximate weight	kg	8.2	9.0	9.8	11.7	12.5	14.1	16.0	21.3

■ Available attachments

		MS2-75	MS2-100	MS2-125	MS2-150	MS2-200	MS2-250	MS2-300	MS2-500
Piston	Cap	R-20PM							
	Tilt saddle	R-20SP							
	Piston base	RB-20M							
	Clevis	CLF-20-1 (2)							
Flange	20FM								
Base	Cylinder base	CB-20M							
	Clevis	CLM-20-1 (2)							