

MRS-series, positive clamping cylinders



- Ideal for palletized applications
- Heavy disk springs maintain the clamping force - hydraulic pressure is used for release
- Single-acting design allows easy setup of hydraulic system
- Hollow plunger design allows easy retrofit for mechanical clamping
- Custom buttons can be fitted into the plunger for clamping directly against a workpiece
- Threaded body allows easy cylinders mounting directly into fixture plate
- Internal threaded plunger allows accessories to be used easily for retrofit applications

Cylinder Capacity at 350 bar	Effective Clamping Stroke	Model Number	Required Operating Pressure *	Max Tensioning Stroke	Oil Capacity	Collapsed Height	Outside Diameter
			bar	mm	cm ³	mm	mm
8,6	2,2	MRS-1	350	2,2	0,8	82,5	M36 x 1,5
22,5	2,2	MRS-2	350	2,2	1,7	87,8	M48 x 1,5
45,9	2,2	MRS-5	350	2,2	3,2	122,8	M60 x 2
8,5	2,5	MRS-1001	140	5,0	3,5	57,0	M65 x 1,5
16,5	2,5	MRS-2001	185	5,0	4,7	60,0	M80 x 2
26,0	2,5	MRS-3001	180	5,0	7,9	69,0	M95 x 2
38,0	3,0	MRS-5001	235	5,5	8,7	90,5	M95 x 2

* Minimum operating pressure to fully retract the plunger.

Note: Seal material Buna-N, Polyurethane.