

HCS, MRH series, hollow plunger cylinders



- For high force push & pull applications on and around the fixture
- Load can be attached to either end of the cylinder, providing a choice of push or pull actions - both realizing full cylinder capacity
- Very high cylinder capacities contained within small dimensions allow compact fixture designs
- Spring return operation allows for easy unloading of the workpiece
- Threaded collars and base mounting holes allow mounting flexibility, including table-top surfaces and T-slots
- Nickel-plated plungers, plunger wipers and internal venting prevent corrosion and support longer operation life on all HCS models

Cylinder Capacity *	Stroke	Center Hole Diameter	Model Number	Effective Area	Oil Capacity	Operating Pressure	Collapsed Height	Outside Diameter
				cm ²	cm ³	bar	mm	mm
17,8	7,9	13,5	MRH-20	8,58	6,72	210	52,3	M48 x 1,5
21,5	9,9	10,9	HCS-20	6,19	6,23	350	74,2	M58 x 1,5
56,3	11,9	13,0	HCS-50	16,26	19,50	350	84,1	M65 x 1,5
61,4	7,9	19,6	MRH-120	17,81	14,09	350	55,6	M70 x 1,5
83,7	14,0	17,0	HCS-80	23,42	32,61	350	95,0	M75 x 1,5
113,4	16,0	21,1	HCS-110	32,65	52,27	350	103,9	M90 x 2,0

* At maximum operating pressure.