

**HP | MANUALLY OPERATED PUMPS - STEEL**

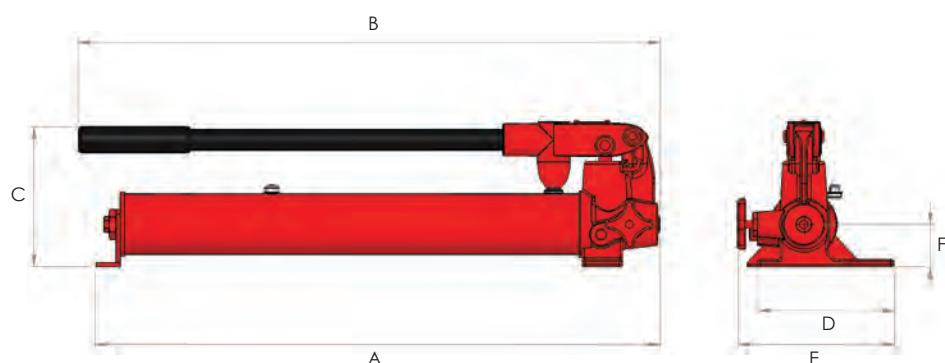


**Single or two stage operation**

**Durable steel construction**

**Working pressure 700 bar**

- Oil reservoir capacity up to 4.1 litres
- External pressure release valve and factory set safety relief valve
- Low handle effort and ergonomic grip for easy operation
- Changeover pressure for two stage models is 14 bar



Model number	Valve type	Displacement per stroke (cm³) 1 <sup>st</sup> stage	Displacement per stroke (cm³) 2 <sup>nd</sup> stage	Usable oil capacity (litres)	Handle effort (kg)	Weight (kg)	Dimensions (mm)					
							A	B	C	D	E	F

Single stage hand operated pumps for single acting cylinders and tools

HP110	2-way	2.9	-	1	45	5.6	558	566	128	134	145	40
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Two stage hand operated pumps for single acting cylinders and tools

HP227	2-way	12.9	2.3	2.3	38	10.5	544	597	168	135	145	53
HP257	2-way	12.9	2.3	4.1	38	15.2	545	597	168	135	150	53