

**HP | MANUALLY OPERATED PUMPS - STEEL**

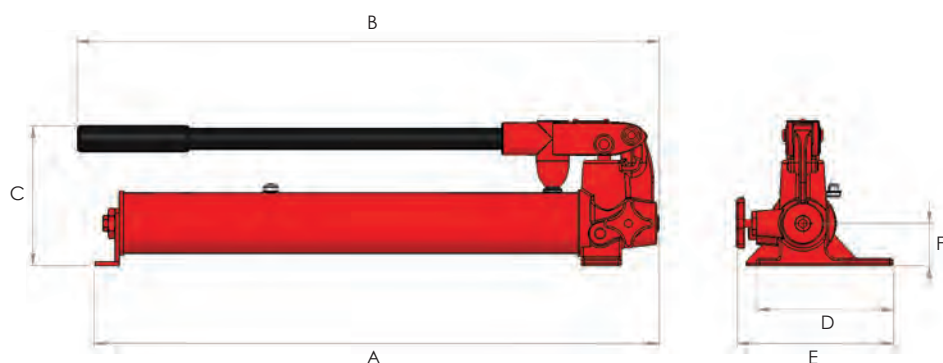


Single or two stage operation

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)		Usable oil capacity (litres)	Handle effort (kg)	Weight (kg)	Dimensions (mm)					
		1 <sup>st</sup> stage	2 <sup>nd</sup> stage				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
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