

**HP | MANUALLY OPERATED PUMPS - STEEL**

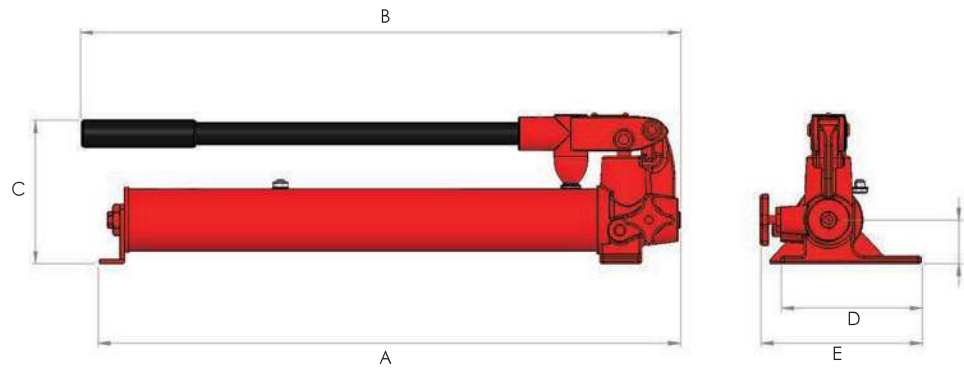


Single or two stage operation

Durable steel construction

Working pressure 10000 psi

- ▶ Oil reservoir capacity up to 250.2 inch<sup>3</sup>
- ▶ 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 203 psi



Model number	Valve type	Displacement per stroke (in <sup>3</sup> )		Usable oil capacity (in <sup>3</sup> )	Handle effort (lbs)	Weight (lbs)	Dimensions (in)									
		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	0.18	-	61.02	99	12.3	21.99	22.3	5.04	5.28	5.71	1.58				
Two stage hand operated pumps for single acting cylinders and tools																
HP227	2-way	0.79	0.14	140.35	84	23.1	21.43	23.52	6.62	5.32	5.71	2.09				
HP257	2-way	0.79	0.14	250.2	84	33.5	21.47	23.52	6.62	5.32	5.91	2.09				