

Hi-Force®

HP - MANUALLY OPERATED PUMPS - ALUMINIUM



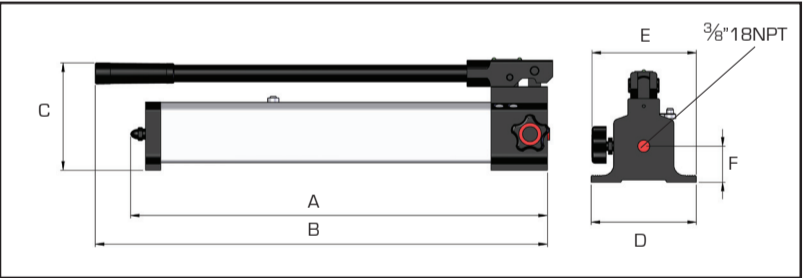
Two speed operation

Working pressure 700 Bar

Six models with choice of control valve

The HP manually operated aluminium pump range offers two speed operation and all models are supplied complete with a pre-filled oil reservoir, ready for immediate use. All models have a maximum working pressure of 700 Bar and the range includes pump models suitable for use with either single or double acting cylinders and tools. The HP range offers the ideal solution for applications where completely independent, portable hydraulic power is required. With low handle effort characteristics for easy operation and lightweight design, all models are of strong durable construction. Hi-Force HP manually operated pumps have a proven track record industry wide and offer excellent value for money in portable hydraulic power.

- >> Oil reservoir capacity up to 5 litres
- >> Lightweight aluminium construction
- >> External pressure release valve
- >> Factory set safety relief valve
- >> Changeover pressure 14 Bar



Model number	Valve type	Displacement per stroke cm³		Usable oil cap. litres	Handle effort kg	Weight kg
		1 st stage	2 nd stage			
Two speed hand operated pumps for single acting cylinders and tools						
HP211	2-way	12.9	1.0	0.5	27	2.0
HP212	2-way	12.9	2.3	1.0	40	4.0
HP232	2-way	12.9	2.3	2.0	40	6.9
HP252	2-way	12.9	2.3	5.0	40	9.6
Two speed hand operated pumps for double acting cylinders and tools						
HP232D	4-way	12.9	2.3	2.0	40	8.7
HP252D	4-way	12.9	2.3	5.0	40	13.6

Dimensions in mm					
A	B	C	D	E	F
335	385	135	100	125	40
560	610	140	100	125	40
560	610	160	140	155	50
585	610	160	168	145	50
580	625	160	140	175	30
605	625	160	168	175	30