

HP SERIES Lightweight Hand Pumps



Reservoir Capacity: 87.9-357.6 in³
 Flow at Rated Pressure: 0.15 in³/stroke
 Max Pressure: 10,000-21,750psi

Applications

Suitable for nut splitters, flange spreaders, single acting hydraulic cylinders and other hydraulic tools.



Pressure Display Unit (Optional)

Prevent overloading, pressure gauge adaptor + pressure gauge to achieve pressure display or one pump two top function. For more information on pressure gauges adaptor and pressure gauges, see the section "hydraulic components".



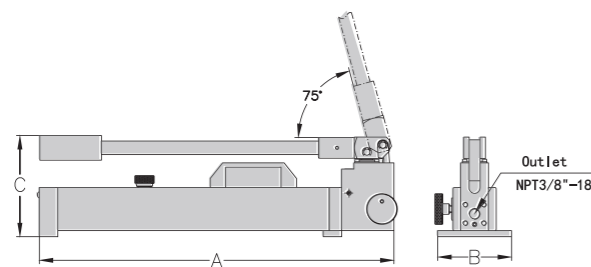
Hoses

Select AIPI high quality high pressure hoses. For details, please refer to the section "hydraulic components".



Features

- Made of aluminum titanium alloy, light weight, high strength, corrosion and impact resistance to various harsh environments.
- Two speed operation, build-in high and low pressure automatic switch valve. Providing greater flow at low pressure to save operation time and increase the work efficiency.
- Build-in safety valve inside to provides safe dual-protection.
- Pressure regulating valve can readjust working pressure.
- The unique press rod mechanism is more easy to operate.
- Better probability with the handle.



Model Number	Pump Type	Used with Cylinder	Usable Oil Capacity (in ³)	Pressure Rating (psi)		Output Oil Volume Each Stroke (in ³)		Handle Force (lbs)	Over Dimension (inch)			Output Adapter	Weight (lbs)	
				1st Stage	2st Stage	1st Stage	2st Stage		A	B	C			
HP7-1	Double Speed	Single Acting	87.9	360	10000	1.95	0.15	65	22.72	4.72	6.70	NPT3/8"	14	
HP7-3			197.7	360	10000	1.95	0.15		22.91	7.87	6.70		22	
HP7-4			357.6	360	10000	1.95	0.15		26.26	9.84	6.77		32	
HP16-1			87.9	220	21750	1.95	0.15		22.72	4.72	6.70		G1/4"	14
HP16-3			197.7	220	21750	1.95	0.15							22.91

HP SERIES Steel Hand Pumps



Reservoir Capacity: 40-457.7 in³
 Flow at Rated Pressure: 0.15-0.3 in³/stroke
 Max Pressure: 10,000psi

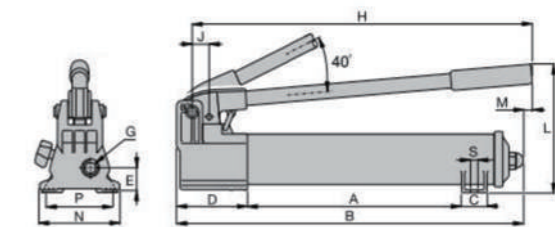
Pressure Display Unit (Optional)

Prevent overloading, pressure gauge adaptor + pressure gauge to achieve pressure display. For more information on pressure gauges adaptor and pressure gauges, see the section "hydraulic components".

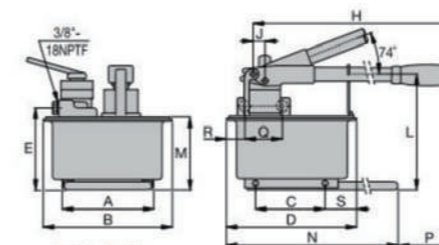


Features

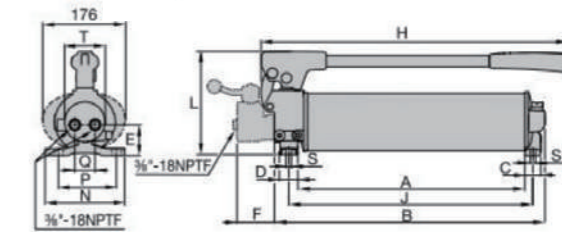
- Durable stainless steel structure.
- Two-speed operation, build-in automatic pressure valve to provide greater flow at low pressure, saving operation time and increasing the work efficiency.
- Build-in safety valve provides dual-protection of safety.
- Pressure regulating valve can readjust working pressure.
- The unique press rod mechanism for easy operating.
- Integral three-position four-way valve on HP7-2D for double-acting hydraulic cylinders.



HP7-0.7



HP7-8



HP7-2D

Model Number	Pump Type	Used with Cylinder	Usable Oil Capacity (in ³)	Pressure Rating (psi)		Output Oil Volume Each Stroke (in ³)		Handle Force (lbs)	Output Adapter	Weight (lbs)
				1st Stage	2st Stage	1st Stage	2st Stage			
HP7-0.7	Double Speed	Single-Acting	40	360	10000	0.92	0.16	65	NPT3/8"	12
HP7-2D		Double-Acting	134.3	360	10000	0.98	0.15			18
HP7-8		Single-Acting	457.7	200	10000	7.7	0.3			60

Over Dimension (inch)																Model Number
A	B	C	D	E	F	H	J	L	M	N	P	Q	R	S	T	
15.5	20.5	1.3	1.5	1.26	/	18.3	1.18	4.69	2.56	5.24	/	/	/	/	/	HP7-0.7
16.7	21.2	0.98	1.73	/	2.52	20.7	1.14	6.85	0.75	5.75	4.76	1.5	1.69	0.31	2.64	HP7-2D
8.27	12.1	6.42	12.6	7.68	/	26.4	0.98	10.6	6.89	25.6	3.62	/	/	3.15	/	HP7-8