

P Series Hand Pumps

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Shown from top to bottom: P80, P392, P84-GC, P464, P804, P80-GC, P804-GC, PHS70-450, P142, P392-GC




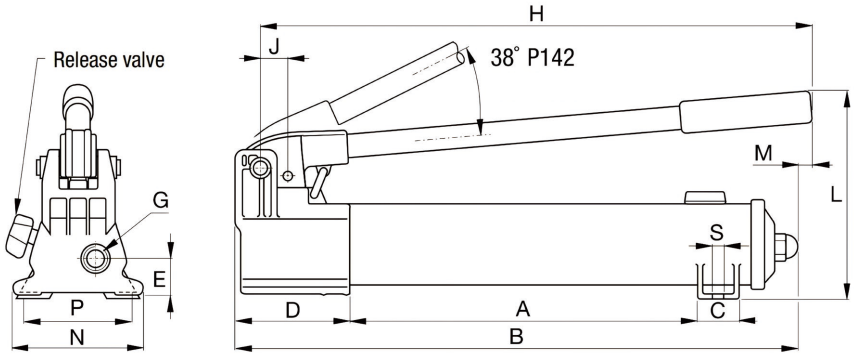
Maximum Pressure: 70MPa

High Pressure Flow : 0.9-4.75 cm³/Stroke


Reservoir Capacity: 317 - 7423cm³

- Ergonomic design with low operating force on the handle, reducing labor intensity.
- Two-speed operation increases the outlet flow rate per unit time. Built-in safety valve for overload protection.
- Large oil tank capacity, compatible with a wide range of cylinders and tools.
- P142/P392 features a durable high-strength engineering plastic oil tank; the nylon-coated aluminum pump body offers excellent corrosion resistance.


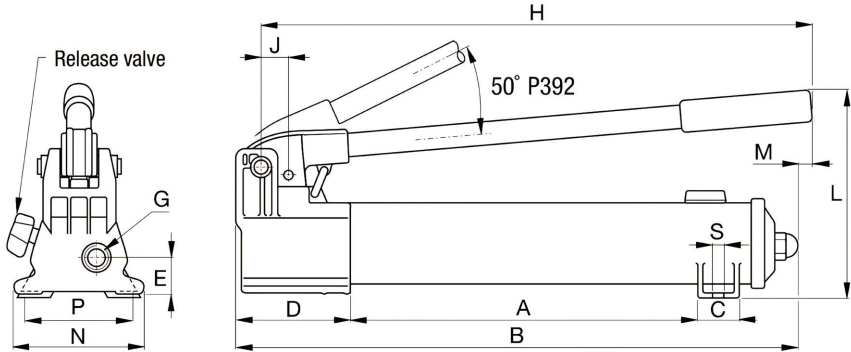
▼ P142 Single-Acting Lightweight Manual Pump

P142	Outline Dimension Drawing													Weight (Kg)				
														2.4				
	Usable Oil Capacity (cm ³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm ³)		Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)										
		1st Stage	2nd Stage	1st Stage	2nd Stage			A	B	C	D	E	S		H	J	L	N
327	13	700	3.62	0.9	35.4	12.7	185	336	28	85	28	7	319	19	143	95	80	NPTF 3/8-18


▼ P142-GC Single-Acting Lightweight Manual Pump

P142-GC	Technical Features	Weight (Kg)
	Equipped with GA45GC pressure gauge and fitting assembly for enhanced usability. Integrated pressure gauge allows direct observation of working pressure.	3.5

▼ P392 Single-Acting Lightweight Manual Pump


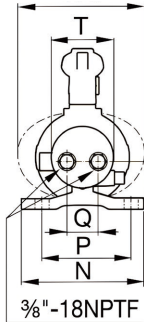
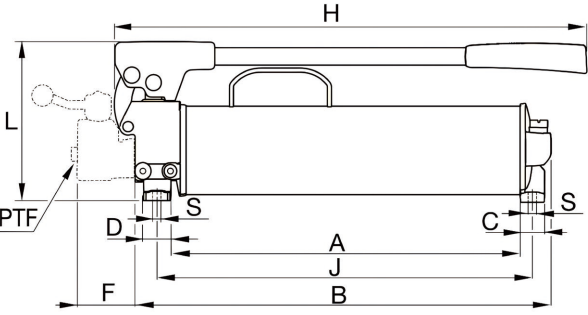
P392	Outline Dimension Drawing	Weight (Kg)															
		4.1															
Usable Oil Capacity (cm ³)	Rated Pressure (bar)	Oil Displacement per Stroke (cm ³)	Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)												
	1st Stage	2nd Stage	1st Stage	2nd Stage		A	B	C	D	E	H	J	L	M	N	G	
901	13	700	11.26	2.47	42.2	25.4	344	533	36	99	33	522	30	177	16	120	NPTF 3/8-18

▼ P392-GC Single-acting Lightweight Manual Pump


P392-GC	Technical Features	Weight (Kg)
	Equipped with GA45GC pressure gauge and fitting assembly for enhanced usability. Integrated pressure gauge allows direct observation of working pressure.	5.2

P Series Hand Pumps


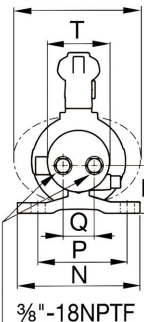
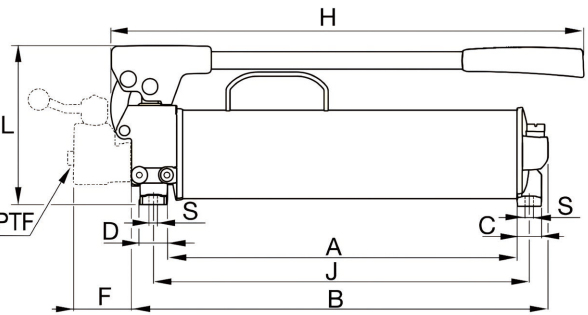
▼ P80 Single-Acting Steel Hand Pump

P80	Technical Features														Weight (Kg)																	
															10.7																	
																Usable Oil Capacity (cm ³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm ³)		Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)									
																	1st Stage	2nd Stage	1st Stage	2nd Stage			A	B	C	D	E	H	J	L	N	P
2200	34	700	16.39	2.46	35	25.4	428	511	30	35	55	579	460	195	150	121	42	8.4	74													


▼ P80-GC Single-Acting Steel Hand Pump

P80-GC	Technical Features														Weight (Kg)
	Equipped with GA45GC pressure gauge and fitting assembly for enhanced usability. Integrated pressure gauge allows direct observation of working pressure.														11.8


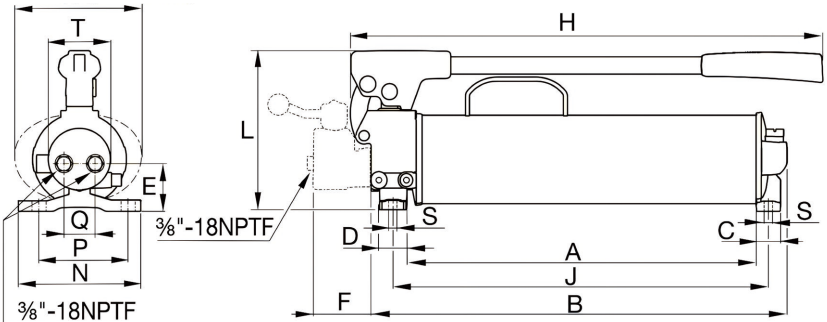
▼ P801 Single-Acting Steel Hand Pump

P801	Outline Dimension Drawing														Weight (Kg)																	
															14.1																	
																Usable Oil Capacity (cm ³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm ³)		Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)									
																	1st Stage	2nd Stage	1st Stage	2nd Stage			A	B	C	D	E	H	J	L	N	P
4100	34	700	16.39	2.46	35	25.4	428	511	30	35	55	579	460	195	150	121	42	8.4	176													



▼ P801-GC Single-Acting Steel Hand Pump

P801-GC	Technical Features	Weight (Kg)
	Equipped with GA45GC pressure gauge and fitting assembly for enhanced usability. Integrated pressure gauge allows direct observation of working pressure.	16.4

▼ P84 Double-acting Steel Manual Pump


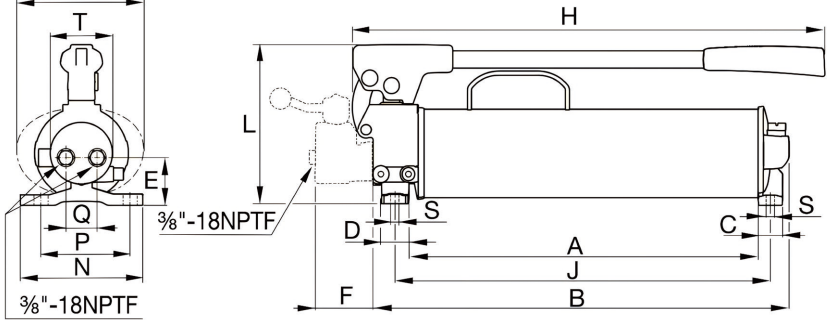
P84	Outline Dimension Drawing	Weight (Kg)																		
		12																		
Usable Oil Capacity (cm ³)	Rated Pressure (bar)	Oil Displacement per Stroke (cm ³)	Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)															
	1st Stage	2nd Stage	1st Stage	2nd Stage		A	B	C	D	E	H	J	L	N	P	Q	F	S	T	
2200	34	700	16.39	2.46	35	25.4	428	510	30	35	55	579	460	195	150	121	38	70	8.4	74

▼ P84-GC Double-acting Steel Manual Pump



P84-GC	Technical Features	Weight (Kg)
 	<ul style="list-style-type: none"> •P84/P84-GC double-acting manual pumps are equipped with manual 4-way control valves, suitable for one double-acting hydraulic cylinder and two single-acting hydraulic cylinders. •P84-GC double-acting manual pump with pressure gauge and quick-release coupling, enhancing operation convenience and enabling direct visual monitoring of working pressure. 	12.9

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▼ P804 Double-acting Steel Manual Pump

P804	Outline Dimension Drawing																Weight (Kg)			
																	13.3			
	Usable Oil Capacity (cm ³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm ³)		Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)												
		1st Stage	2nd Stage	1st Stage	2nd Stage			A	B	C	D	E	H	J	L	N		P	Q	F
4100	34	700	16.39	2.46	35	25.4	428	511	30	35	55	579	460	195	150	121	42	70	8.4	176

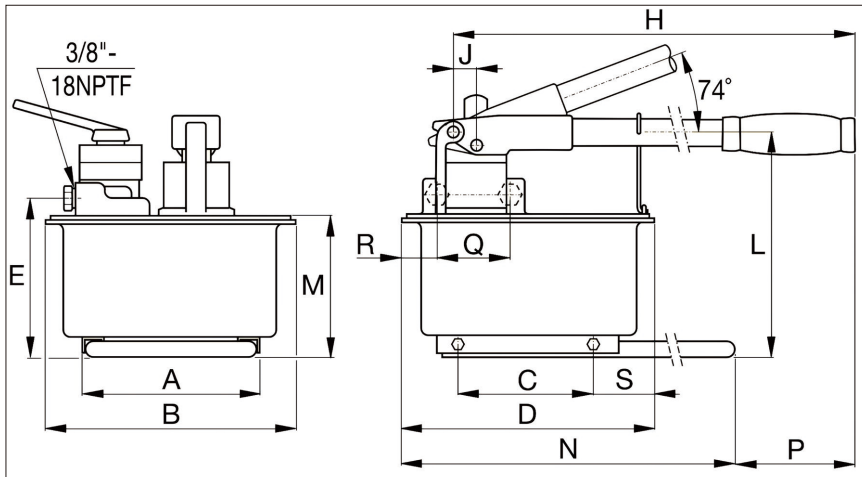
▼ P804-GC Double-acting Steel Manual Pump

P804-GC	Technical Features		Weight (Kg)
		<ul style="list-style-type: none"> •P804/P804-GC double-acting manual pumps are equipped with manual 4-way control valves, suitable for one double-acting hydraulic cylinder and two single-acting hydraulic cylinders. •P804-GC double-acting manual pump with pressure gauge and quick-release coupling, enhancing operation convenience and enabling direct visual monitoring of working pressure. 	14.2

▼ P462,P464 High-flow Manual Pump



▼ P462, P464 Technical Parameters



P462, P464

•P462 and P464 feature extra-large oil tanks and high first-stage flow rate. These pumps are ideal for driving large-tonnage hydraulic cylinders.

Model	Usable Oil Capacity (cm ³)	Rated Pressure (bar)		Oil Displacement per Stroke(cm ³)		Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)												Weight (Kg)		
		1st Stage	2nd Stage	1st Stage	2nd Stage			A	B	C	D	E	H	J	L	M	N	P	Q		S	R
P462	7423	14	700	126.2	4.75	49	38.1	210	308	163	320	195	671	25	270	175	650	92	-	80	-	27.7
P464	7423	14	700	126.2	4.75	49	38.1	210	308	163	320	195	671	25	270	175	650	92	89	80	68	27.7

▼ PHS Integrated Single-acting Manual Pump



HPS70-450, HPS70-1000

PHS Series:

- Dual-speed operation with low handle operating force, reducing operator labor intensity
- Sturdy aluminum reservoir, lightweight and easy for oil filling
- Equipped with a pressure release valve for precise control of system pressure.
- Oil outlet thread size is unified to NPTF3/8-18



PHS70-450/1000 is available as a complete assembly, including manual hydraulic pump, hydraulic cylinder, pressure gauge, quick couplings and hydraulic hose.

Model	Usable Oil Capacity (cm ³)	Rated Pressure (bar)		Oil Displacement per Stroke(cm ³)		Max. Handle Effort (Kg)	Piston Stroke (mm)	Dimensions (mm)												Weight (Kg)
		1st Stage	2nd Stage	1st Stage	2nd Stage			A	B	C	D	E	F	G	H	J	L	M		
PHS70-450	450	15	70	20	1	35.7	23.3	320	170	110	80	75.3	322	68	84	93	6.6	14	5.7	
PHS70-1000	1000	15	70	20	2	32.6	23.3	620	170	110	80	75.3	575	68	84	93	6.6	14	8	