

▼ P Series Hand Pumps

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



Mmaximum Pressure: 70MPa

High Pressure Flow : 0.9-4.75 cm³/Stroke

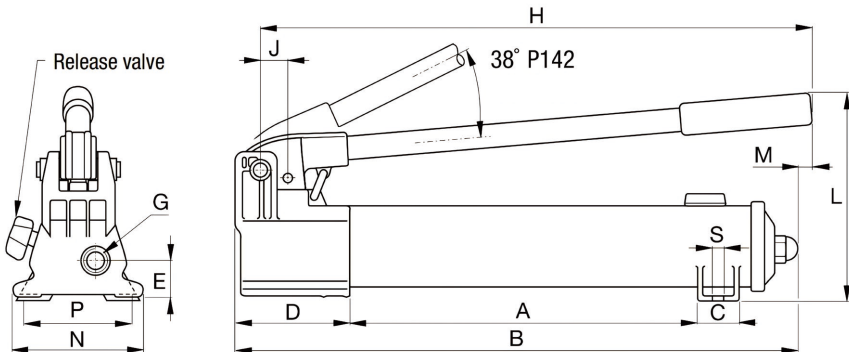
Reservoir Capacity: 317 - 7423cm³

- 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.

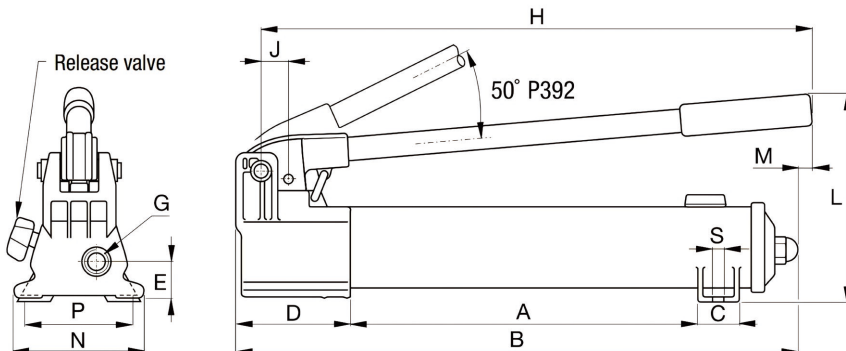
▼ P142 Single-Acting Lightweight Manual Pump

P142	Outline Dimension Drawing																Weight (Kg)		
																	2.4		
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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	P	G
	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

▼ P142GC 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

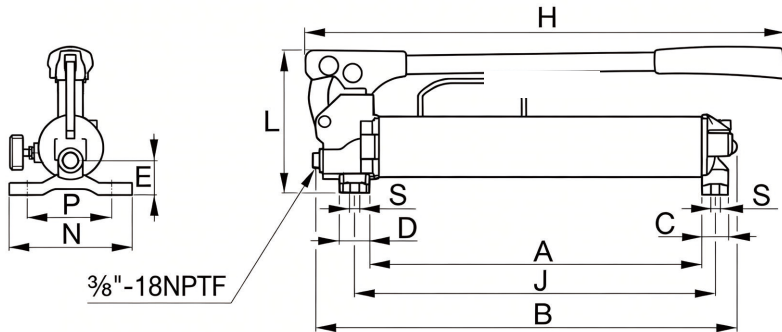
▼ P392 Single-Acting Lightweight Manual Pump

P392	Outline Dimension Drawing																Weight (Kg)	
																		4.1
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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	

▼ P392GC 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

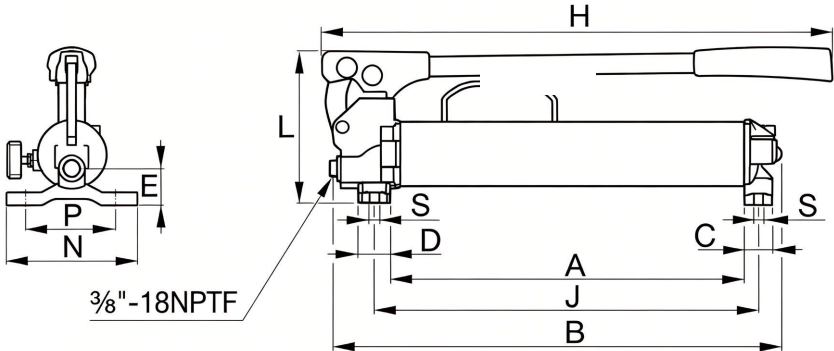
▼ P39 Single-Acting Steel Hand Pumps

P39	Outline Dimension Drawing																Weight (Kg)		
																		6.2	
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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		S
672	-	700	-	2.46	39	25.4	383	480	30	35	37	550	416	163	140	111	8.4		

▼ P39GC Single-Acting Steel Hand Pumps

P39GC	Technical Features	Weight (Kg)
	Equipped with GA45GC pressure gauge and fitting assembly for enhanced usability. Integrated pressure gauge allows direct observation of working pressure.	7.3

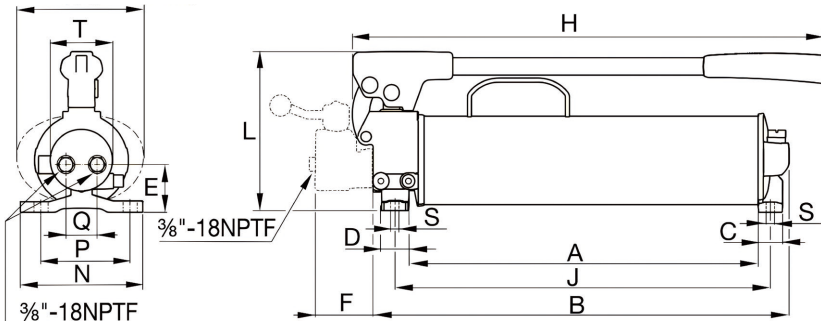
▼ P77 Single-Acting Steel Hand Pumps

P77	Outline Dimension Drawing																Weight (Kg)	
																	7.1	
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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
672	34	700	16.39	2.46	39	25.4	391	487	30	35	47	550	424	163	140	111	8.4	

▼ P77GC Single-Acting Steel Hand Pump

P77GC	Technical Features	Weight (Kg)
	Equipped with GA45GC pressure gauge and fitting assembly for enhanced usability. Integrated pressure gauge allows direct observation of working pressure.	8.2

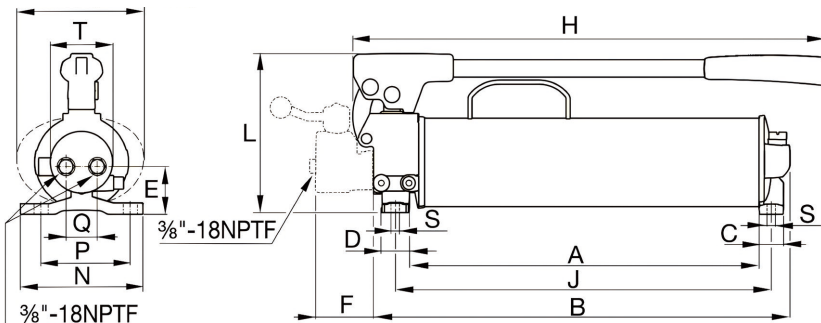
▼ P80 Single-Acting Steel Hand Pump

P80	Technical Features																		Weight (Kg)		
																			10.7		
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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	S	T	
2200	34	700	16.39	2.46	35	25.4	428	511	30	35	55	579	460	195	150	121	42	8.4	74		

▼ P80GC 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

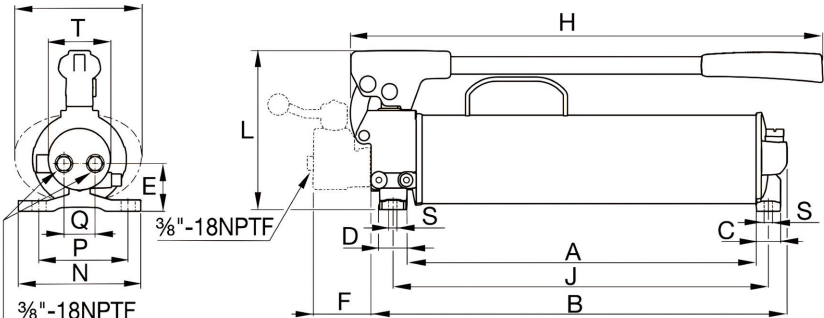
▼ P801 Single-Acting Steel Hand Pump

P801	Outline Dimension Drawing																	Weight (Kg)	
																		14.1	
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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	S
	4100	34	700	16.39	2.46	35	25.4	428	511	30	35	55	579	460	195	150	121	42	8.4

▼ 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

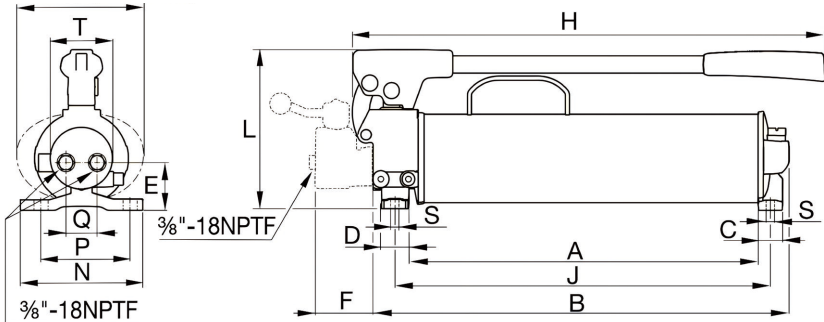
▼ P84 Double-Acting Steel Manual Pump

P84	Outline Dimension Drawing																	Weight (Kg)		
																		12		
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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
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)
		•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

▼ P804 Double-acting Steel Manual Pump

P804	Outline Dimension Drawing																			Weight (Kg)	
																				13.3	
	Usable Oil Capacity (cm³)	Rated Pressure (bar)		Oil Displacement per Stroke (cm³)		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
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)
		•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

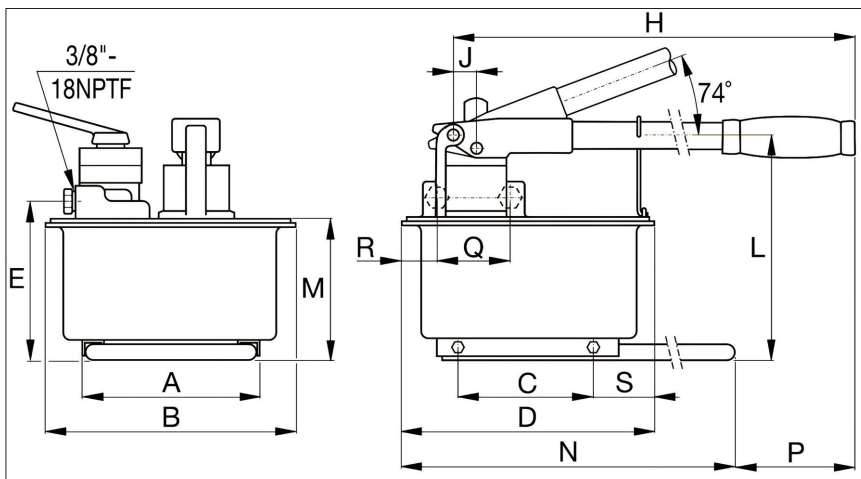
P462 Single-acting High-flow Manual Pump



P462 Double-acting High-flow Manual Pump



▼ P462,P464 Technical Parameters

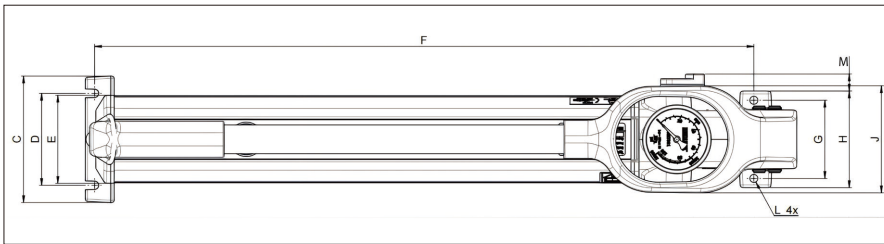


P462,P464

•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

PA Pneumatic Pump (70MPa)

▼PATG1102N Foot Pneumatic Pump



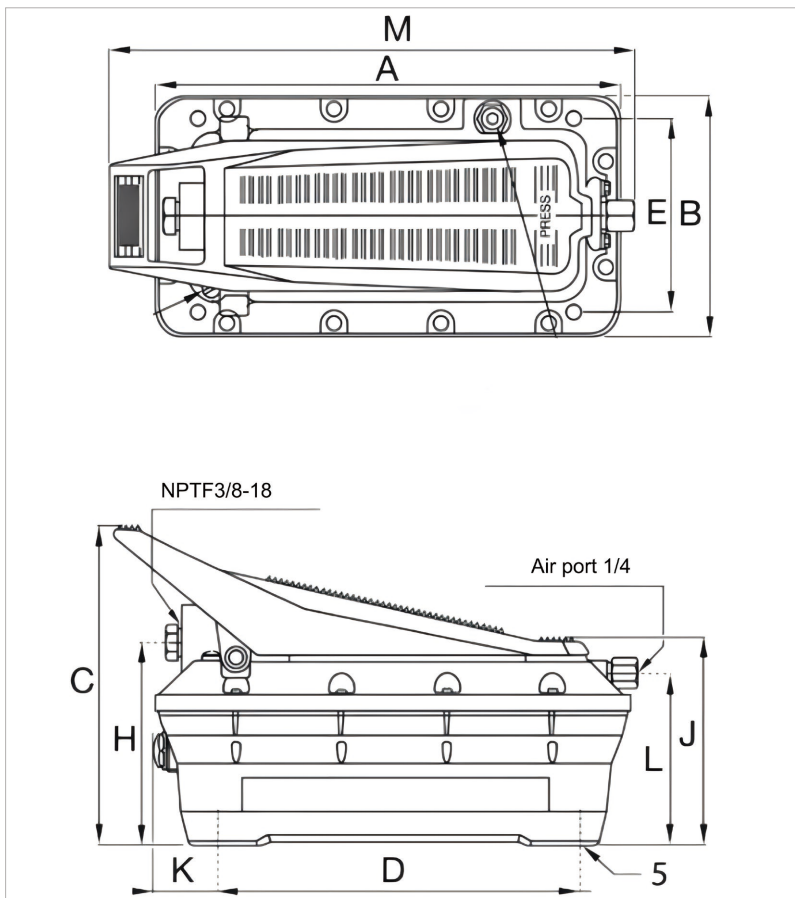
Maximum Pressure: 70MPa

Air Consumption: 340L/Min

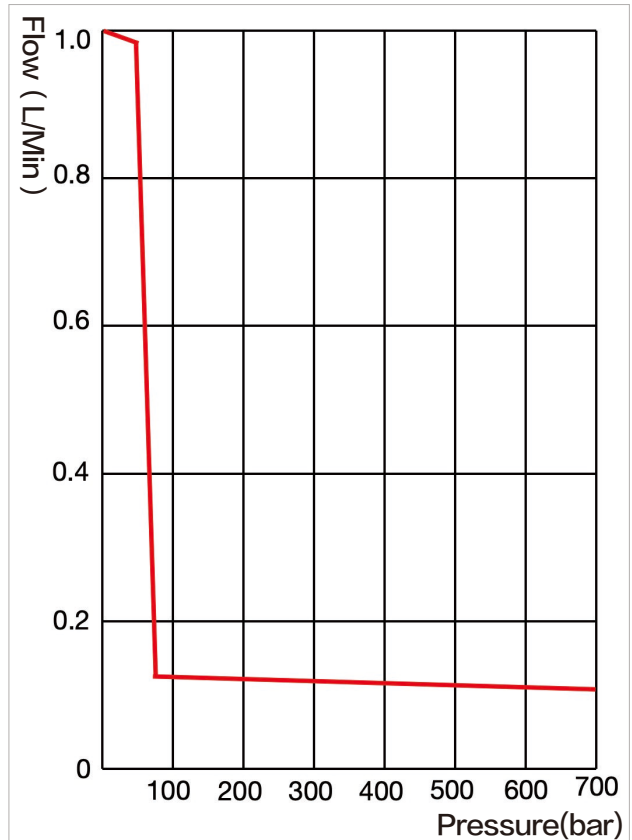
Reservoir Capacity: 1.6L

- Equipped with externally adjustable relief valve (mounted behind the level gauge), built-in relief valve for overload protection.
- Oil tank with integrated return port, suitable for remote valve applications.
- Low air consumption, effectively reducing operating costs.
- Low-noise design, noise level as low as 76dBA, reducing operator fatigue.
- Operating air pressure range 2.8–8.8bar, pump starts at extremely low pressure with strong adaptability.
- High-efficiency cast aluminum pneumatic motor for stable and powerful performance.
- Reinforced heavy-duty oil tank for harsh working environments.
- Composite pneumatic plunger seal, operates normally in completely dry air.
- Supports manual / foot-operated dual-mode operation for flexible and convenient use.

▼PATG1102N Technical Parameters



▼PATG1102N Pressure-Flow Diagram



Model	Max Pressure (bar)	Low Pressure Flow (L/Min)	High Pressure Flow (L/Min)	Suitable Cylinder	Oil Capacity (L)	Valve Operation	Dimensions (mm)												Weight (Kg)
							A	B	C	D	E	F	H	J	K	L	M	N	
PATG 1102N	700	1	0.16	Single -Acting	1.6	Treadle 3/3	313	165	211	230	102	-	129	146	42	113	347	-	6.5