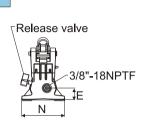
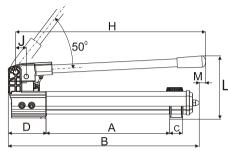
DP-392 Light Weight, Two-Speed Hand Pump

- Internal pressure relief valve for overload protection.
- Durable glass-filled nylon reservoir and nylon encapsulated aluminum pump baser for maximum corrosion resistance.
- Two speed operation reduces handle strokes by as much as 78% over single speed pumps.
- Lower handle effort to minimize operator fatigue.
- Handle lock and lightweight construction for easy carrying.
- Non-conductive fiberglass handle for operator safety.







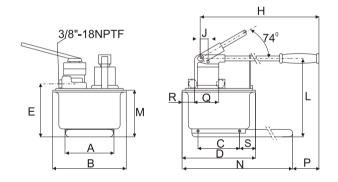
DP-392

DP-46 Steel, Two-Speed Hand Pump

- Internal pressure relief valve for overload protection.
- 4-Way valving on the DP-464 for operation of double-acting cylinder.
- Large oil capacity to power a wide range of cylinders or tools.



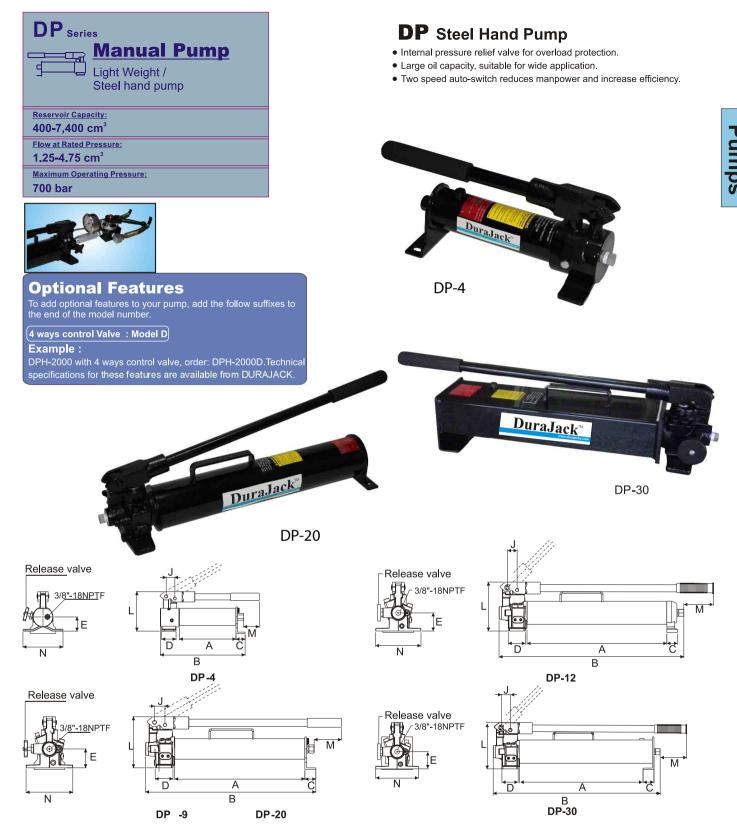




DP-462 / DP-464

Model Number	Pump Type	Usable Oil Capacity	Pressure Rating			lacement itroke	Max. Handle Effort	Piston Stroke			(mm)
			1 st stage 2 nd stage		1 st stage	2 nd stage					
		(cm ³)	(bar)		(cm ³)		(kg)	(mm)	A	В	С
DP-392	_	901	13	700	11.26	2.47	42.2	25.4	344	533	36
DP-462	Two- Speed	7423	14	700	126.20	4.75	50.0	38.1	210	308	163
DP-464] Spood	7423	14	700	126.20	4.75	50.0	38.1	210	308	163

Model Number		Weight										
	D	Е	Н	J	L	М	N	Р	Q	R	S	(kg)
DP-392	99	33	522	30	177	16	120	_	_	_	_	4.1
DP-462	320	195	671	25	270	175	650	92	_	_	80	27.7
DP-464	320	195	671	25	270	175	650	92	89	68	80	27.7



Model Number	Pump Type	Usable Oil Capacity	Pressure Rating		Oil Displacement per Stroke		Piston Stroke		Dimensions(mm)								Weight (include oil)
			1 st stage	2 nd stage	1 st stage 2 nd stage												
		(cm³)	(bar)		(cm³)		(mm)	Α	В	c	D	E	J	L	М	N	(kg)
DP-4	S/S	400	_	700		1.25	22	200	296	32.0	50	50	29	142	45	140	5.0
DP-9		900	14	700	12.5	2.8	21	410	510	32.5	45	55	29	150	60	136	7.5
DP-12	Two-	1200	14	700	12.5	2.8	19	425	536	32.5	48	55	29	150	65	137	9.0
DP-20	speed	2200	14	700	14.5	2.8	21	425	536	32.5	45	55	29	150	60	136	10.5
DP-30		3000	14	700	14.5	2.8	21	425	562	45.0	48	55	29	150	65	137	13.6

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