



Pump Selection

▼ HAND PUMP AND SINGLE-ACTING CYLINDER MATCHING CHART

Capacity (ton) ▶ ▼ Stroke	5 t	10 t	15 t	25 t	30 t	50 t	60 t	75 t	100 t	150 t
< 25 mm										
25 mm										
50 mm										
75 mm										
100 mm										
125 mm										
150 mm										
175 mm										
200 mm										
225 mm										
250 mm										
300 mm										
325 mm										
350 mm										
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Note: Selection based on oil capacity requirements of cylinders.

▼ POWER PUMP SELECTION CHART

Oil Flow*	Low (0,1 - 0,3 l/min)		Medium (0,5 - 2,0 l/min)		High (2,0 - 14,5 l/min)	
Usable Oil Capacity	1,9 - 3,8 litres	5,7 litres	4 - 40 litres	4 - 40 litres	10 - 40 litres	60 litres
Duty Cycle**	Intermittent	Extended	Intermittent	Extended	Extended	Extended
Portable/Stationary***	Portable	Stationary	Portable	Stationary	Stationary	Stationary
Recommended Series	PU-Series Economy	PE-Series Submerged	ZU4-Series	ZE3-, ZE4- and ZE5-Series	ZE6-Series	PP 8000-Series PP 9000-Series
						
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* Oil Flow

- Determined by motor size
- Directly affects electrical power requirements
- Determines cylinder or tool speed

** Duty Cycle

- Extended applications require more than one hour of interrupted pump use
- Intermittent would be used less than one hour of continuous pump use.

*** Portability

- | | |
|-------------------------------|----------------------------------|
| <u>Portable</u> | <u>Stationary</u> |
| • Ergonomic handles | • Mounting options |
| • Flexible power requirements | • Normally requires stable power |