












## ▼ HAND PUMP AND SINGLE-ACTING CYLINDER MATCHING CHART

Capacity (tons) ▶ ▼ Stroke (inches)	5	10	15	25	30	50	60	75	100	150	
< 1.00											
1.00											
2.00											
3.00											
4.00											
5.00											
6.00											
7.00											
8.00											
9.00											
10.00											
12.00											
13.00											
14.00											
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Note: Selection based on oil capacity requirements of cylinders.

## ▼ POWER PUMP SELECTION CHART

Flow*	Low (20 in <sup>3</sup> /min)		Medium (60 to 200 in <sup>3</sup> /min)		High (463 in <sup>3</sup> /min)
Reservoir Oil Capacity	0.5-1 gal.	1.5 gal.	1.0-10 gal.	1.0-10 gal.	25 gal.
Duty Cycle**	Intermittent	Extended	Intermittent	Extended	Extended
Portable/Stationary***	Portable	Stationary	Portable	Stationary	Stationary
Recommended Series	<b>Economy</b>	<b>Submerged</b>	<b>ZU4</b>	<b>ZE3-6</b>	<b>8000 Series</b>
					
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\* 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 uninterrupted pump use
- Intermittent use – from 20 minutes to one hour, depending on reservoir capacity (contact Enerpac for details)

\*\*\* Portability

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