

E-Series



Gearcase of rugged cast iron protects the gears and serves as oil reservoir for continuous splash lubrication. Pinion and gear are helical cut and machined from high-strength alloy steel, and can rotate in either direction. Valves are abrasion resistant for dependable service in the harshest environments.

E Series Pump Features

- Flows to 110 GPM
- Pressure ratings up to 3,000
- Easily serviced in field without removal of pump
- Abrasion resistant valve assemblies
- Internal gear reductions of 3.95 to 1

E54-30	Piston Size In.	Max. PSI	*Gallon Per/Rev	1012 RPM US GPM	1215 RPM US GPM	1417 RPM US GPM	1620 RPM US GPM	1823 RPM US GPM	Flows: 30-53 GPM PSI: 1800-3000 Stroke Length: 3.75"	Max. HP 110
	1.750	3000	.0296	29.9	35.9	41.9	47.9	53.9		
	HP Required @ RPM**			61.5	73.9	86.2	96.6	110.0		
E70-23	Piston Size In.	Max. PSI	*Gallon Per/Rev	774 RPM US GPM	1032 RPM US GPM	1290 RPM US GPM	1549 RPM US GPM	1807 RPM US GPM	Flows: 30-70 GPM PSI: 1900-2300 Stroke Length: 3.75"	Max. HP 110
	2.000	2300	.0387	29.9	39.9	49.9	59.9	69.9		
	HP Required @ RPM**			47.1	62.9	78.7	94.5	110.0		
E80-20	Piston Size In.	Max. PSI	*Gallon Per/Rev	914 RPM US GPM	1143 RPM US GPM	1371 RPM US GPM	1600 RPM US GPM	1828 RPM US GPM	Flows: 40-80 GPM PSI: 1200-2000 Stroke Length: 3.75"	Max. HP 110
	2.125	2000	.0437	39.9	49.9	59.9	69.9	79.8		
	HP Required @ RPM**			54.7	68.4	82.2	95.9	110.0		
E110-14	Piston Size In.	Max. PSI	*Gallon Per/Rev	1157 RPM US GPM	1322 RPM US GPM	1487 RPM US GPM	1652 RPM US GPM	1817 RPM US GPM	Flows: 70-109 GPM PSI: 800-1400 Stroke Length: 3.75"	Max. HP 110
	2.500	1400	.0605	69.9	79.9	89.9	99.9	109.9		
	HP Required @ RPM**			67.1	76.7	86.3	95.9	110.0		

Metallurgy available in Ductile Iron only
"E" Series have an internal gear reduction of 3.95:1

Pump Weight 525 lbs.

* Displacement based on 100% Volumetric Efficiency
** Power based on 85% Mechanical Efficiency