

D Series

Slow operating speed reduces wear and prolongs pump life. The fluid end is available in ductile iron or aluminum bronze with flat valves, making routine maintenance easy without removing the pump from the system. All the valve and piston assemblies are serviceable through convenient front and top openings.



D Series Pump Features

- Flows to 65 GPM
- Pressure ratings up to 2,000 PSI
- Internal gear reductions
- Continuous splash lubrication provided either direction of rotation

D35-8PP	Piston Size In.	Max. PSI	*Gallon Per/Rev	600 RPM US GPM	650 RPM US GPM	700 RPM US GPM	750 RPM US GPM	800 RPM US GPM	Flows: 26-34 GPM PSI: 600-1200 Stroke Length: 2.875"	Max. HP 30
	2.250	1200	.0437	26.2	28.4	30.5	32.7	34.9		
HP Required @ RPM**			21.5	23.3	25.1	26.9	30.0			
D35-12	Piston Size In.	Max. PSI	*Gallon Per/Rev	725 RPM US GPM	825 RPM US GPM	925 RPM US GPM	1025 RPM US GPM	1075 RPM US GPM	Flows: 25-37 GPM PSI: 600-1200 Stroke Length: 2.875"	Max. HP 30
	2.000	1200	.0346	25.0	28.5	32.0	35.4	37.1		
HP Required @ RPM**			20.5	23.4	26.3	29.1	30.0			

* D35 Series have internal gear reduction of 3.39:1

D50-12	Piston Size In.	Max. PSI	*Gallon Per/Rev	725 RPM US GPM	825 RPM US GPM	925 RPM US GPM	1025 RPM US GPM	1075 RPM US GPM	Flows: 35-52 GPM PSI: 400-1200 Stroke Length: 3.75"	Max. HP 45
	2.250	1200	.0490	35.5	40.4	45.3	50.2	52.6		
HP Required @ RPM**			29.2	33.2	37.3	41.3	45.0			
D60-10	Piston Size In.	Max. PSI	*Gallon Per/Rev	725 RPM US GPM	825 RPM US GPM	925 RPM US GPM	1025 RPM US GPM	1075 RPM US GPM	Flows: 43-65 GPM PSI: 400-1000 Stroke Length: 3.75"	Max. HP 45
	2.500	1000	.0605	43.8	49.9	55.9	62.0	65.0		
HP Required @ RPM**			30.0	34.2	38.3	42.5	45.0			
D65-16	Piston Size In.	Max. PSI	*Gallon Per/Rev	1112 RPM US GPM	1247 RPM US GPM	1446 RPM US GPM	1490 RPM US GPM	1570 RPM US GPM	Flows: 48-68 GPM PSI: 1000-1600 Stroke Length: 3.75"	Max. HP 75
	2.125	1600	.0437	48.5	54.4	63.1	65.1	68.6		
HP Required @ RPM**			53.2	59.9	69.2	71.4	75.0			
D65-20	Piston Size In.	Max. PSI	*Gallon Per/Rev	1000 RPM US GPM	1200 RPM US GPM	1400 RPM US GPM	1600 RPM US GPM	1800 RPM US GPM	Flows: 38-69 GPM PSI: 1000-2000 Stroke Length: 3.75"	Max. HP 95
	2.000	2000	.0387	38.7	46.4	54.1	61.9	69.6		
HP Required @ RPM**			53.1	63.6	74.2	84.9	95.0			

Metallurgy is available in Ductile Iron or Aluminum Bronze Pump Weight 525 lbs.
"D" Series have an internal gear reduction of 3.95:1 - except as noted

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