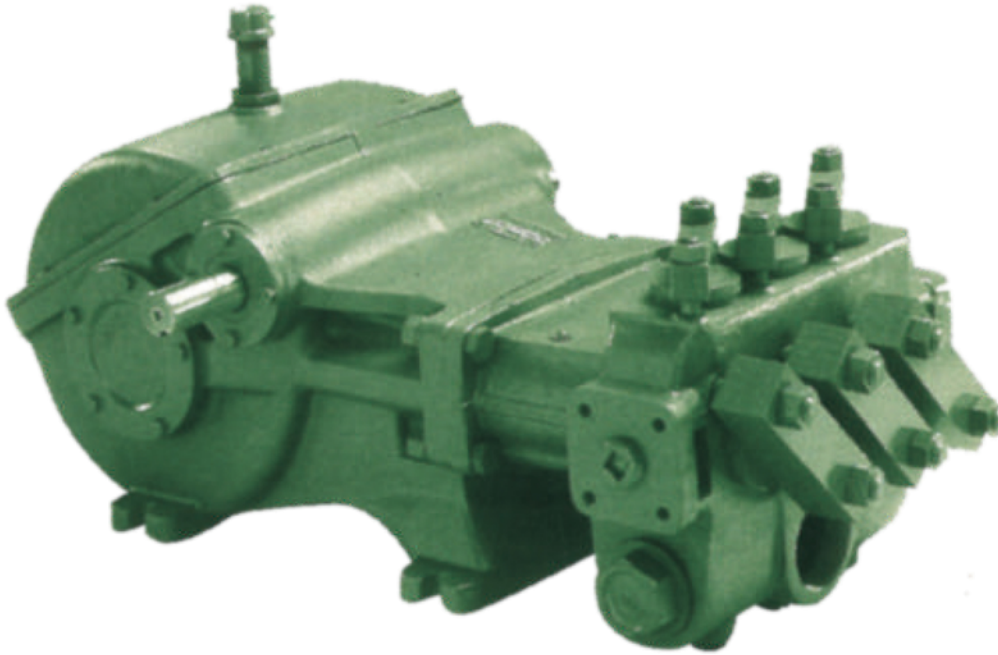


D-25, D-35

High Pressure Reciprocating Pumps

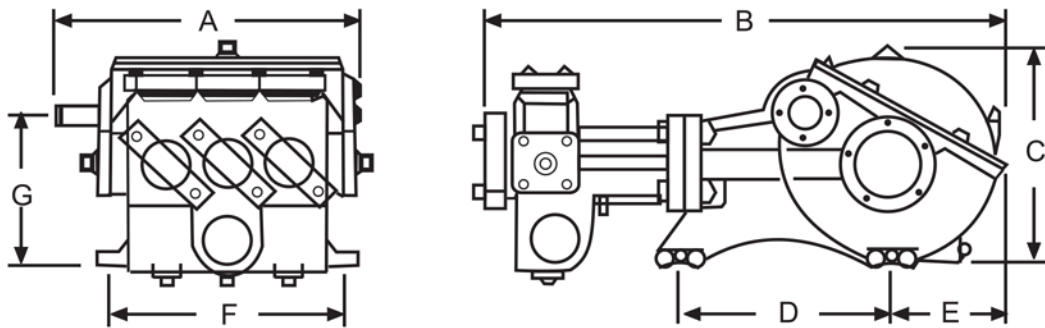


The D Series combines WASP manufacturing expertise and understanding of applications to provide a pump that is perfect for every high pressure job. They are manufactured in technical collaboration with FE Myers, U.S.A., one of the leading manufacturers of high quality pumps in the world and pioneers in high pressure pumping. At WASP we know your need and we deliver.

A high strength fluid end with spring loaded flat valves for pumping large volumes of water under high pressures (to 152 Bar). Handles liquids up to 180° F in mines, mills, food processing and car / truck washes.

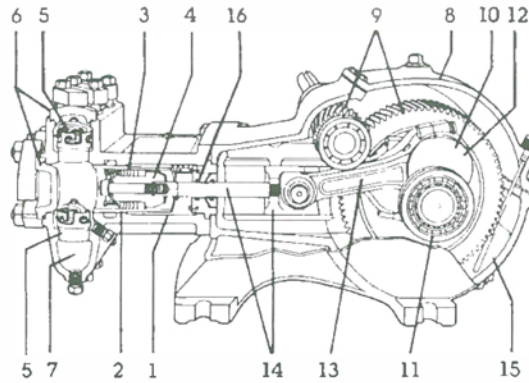
This pump's large 153 LPM volume of flow at up to 152 bar makes it perfect for sewer blasting as well as extra heavy duty industrial and marine cleaning. The compact, powerful design is also right for strata loosening, long distance pump - vehicle cleaning.

This is a high-volume, high-pressure piston pump. Can't be beat for hydraulic blasting and cleaning, sewer cleaning, fire truck, injection, hydrostatic testing. Built rugged for dependable service in many exacting industrial high pressure applications.



SPECIFICATIONS

Catalog Number	Maximum Rated Pressure PSI (BAR)	Maximum Rated Capacity GPM (LPM)	Gear Reduction Ratio	Temperature Rating F (C)	Size In Inches (millimeters)					Weight (approx) LBS/KG	Dimensions In Inches (millimeters)							DIAMETER OF MOUNTING HOLE	
					Cylinder Bore	Piston Stroke	Suction Size (B.S.P.T.)	Disc Size (B.S.P.T.)	Input Shaft		Keyway	A	B	C	D	E	F		G
D25 Triplex	800	25	3.39 1	140 60	2.250 57.15	2.875 73.03	2	1 1/4	1 5/8	3/8 x 3/16	410 186	19.5	32	13.5	12.5	7	14	9.5	0.75 19.06
	55	94.6										495.3	813	336.5	317.5	177.8	355.6	241.3	
D35-22 Triplex	2200	40	3.30 1	180 82	2.00 50.80	2.875 73.03	2	1 1/4	1 5/8	3/8 x 3/16	410 186	19.5	32	13.5	12.5	7	14	9.5	0.75 19.06
	152	153.4										495.3	813	336.5	317.5	177.8	355.6	241.3	



FLUID - END COMPONENTS

1. **Cylinder Body** is of high-strength ductile iron or aluminum-bronze for salt water application.
2. **Cylinders** are tapered steel shells with (optional) super-smooth hard K-ramic coating. Easily replaceable.
3. **Packing** is of Buna-N and cotton duck multi-lip chevron V ring supported by a phenolic follower.
4. **Piston Assembly** consists of Stud, pressure ring, spring, retainer and cap screw, all are solid stainless steel.
5. **Valve Assemblies** are spring-loaded flat valves having stainless steel seats, springs and valves with long-wearing stainless steel retainer. Stainless steel center post type feature delrin valves.
6. **Valve & Cylinder Caps** are of tough cast iron with Buna N O-ring seals. Caps are rigidly held in place with removable steel clamps.
7. **Suction & Discharge** located for easy service Large threaded suction opening on sides and/or front. Discharge openings are flanged and tapped.

POWER - END COMPONENTS

8. **Gearcase** of rugged cast iron protects the gears and serves as oil reservoir for continuous lubrication. Cover section quickly removable for easy service.
9. **Pinion & main gear** are helical cut and machined from high-strength alloy steel, and rotate in either direction. Integral pinion shaft is also machined from high-strength alloy steel.
10. **Automotive type crankshaft** is of high strength ductile iron.
11. **Shaft bearings** feature tapered roller bearings.
12. **Crankshaft journal bearings** are automotive type, steel-backed inserts.
13. **Connecting links** are ductile iron with replaceable bronze wrist-pin bearings. Wrist pins are press fitted into the crossheads.
14. **Piston "pony" rods** are smoothly ground and highly - polished stainless steel, threaded and pinned axially to crosshead.
15. Continuous splash lubrication is provided during either direction of rotation.

H. P. REQUIREMENT

		D 25 - 8			
L.P.M.	R.P.M.	HP REQUIRED FOR			
		PRESSURE IN BAR			
		34.5	41.4	48.3	55.2
60.5	435	6.0	7.2	8.4	9.7
75.7	535	7.5	9.0	10.5	11.9
88.9	635	8.8	10.6	12.3	14.2
94.6	675	9.5	11.5	13.4	15.3

		D 35 - 12			
L.P.M.	R.P.M.	HP REQUIRED FOR			
		PRESSURE IN BAR			
		41.4	55.2	69.0	82.8
106.0	825	11.9	15.5	18.4	21.0
118.8	925	13.3	17.0	20.3	23.3
131.3	1025	14.9	18.9	23.0	27.0
137.4	1075	15.7	20.5	25.2	30.0

		D 35 - 22			
L.P.M.	R.P.M.	HP REQUIRED FOR			
		PRESSURE IN BAR			
		110.4	124.2	138.0	151.7
118.8	925	31.1	35.0	38.8	42.7
131.3	1025	34.4	38.7	43.0	47.3
137.4	1075	36.1	40.6	45.1	49.6
153.4	1200	40.3	45.3	50.4	