

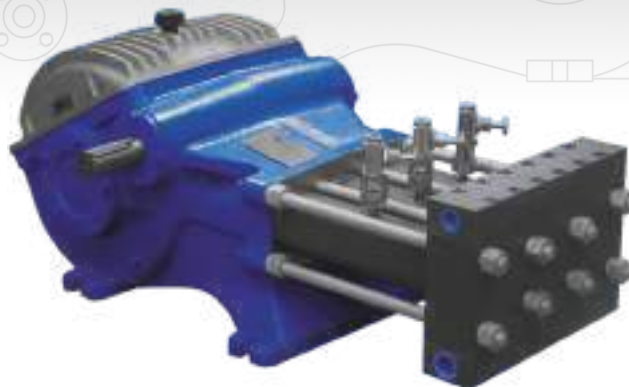
DP SERIES

**WSSP
Pumps**

WSSP largest high volume/pressure series offers interchangeable plungers, seals, and fluid ends to provide various flow/pressure ratings. Available in Hydraulic drive, FLP-non-FLP motors or Engine drive configurations.

DP Series Pump Features

- Flows to 430 LPM
- Pressure ratings up to 700 BAR
- Internal gear reductions for low speed
- Super hard, non-scoring plungers
- Fluid end options - S.G. Iron, AISI 410 or Stainless steel.
- Ball valve option for mud pumping available.
- Available with FLP - non FLP Motors/Engines/Hydraulic Motors.



Features

- Internal Helical Gear Reduction
- Durable and Compact
- Splash or Pressurized Lubrication Systems
- Easy Field Maintenance
- High Output Efficiency
- Corrosion Resistant Hardware

Applications

- Methanol Injection
- Hydrostatic Testing
- Chemical Injection
- Downhole Equalization
- Flushing
- HPU Charging
- RO
- High Pressure Jetting / Tube Cleaning

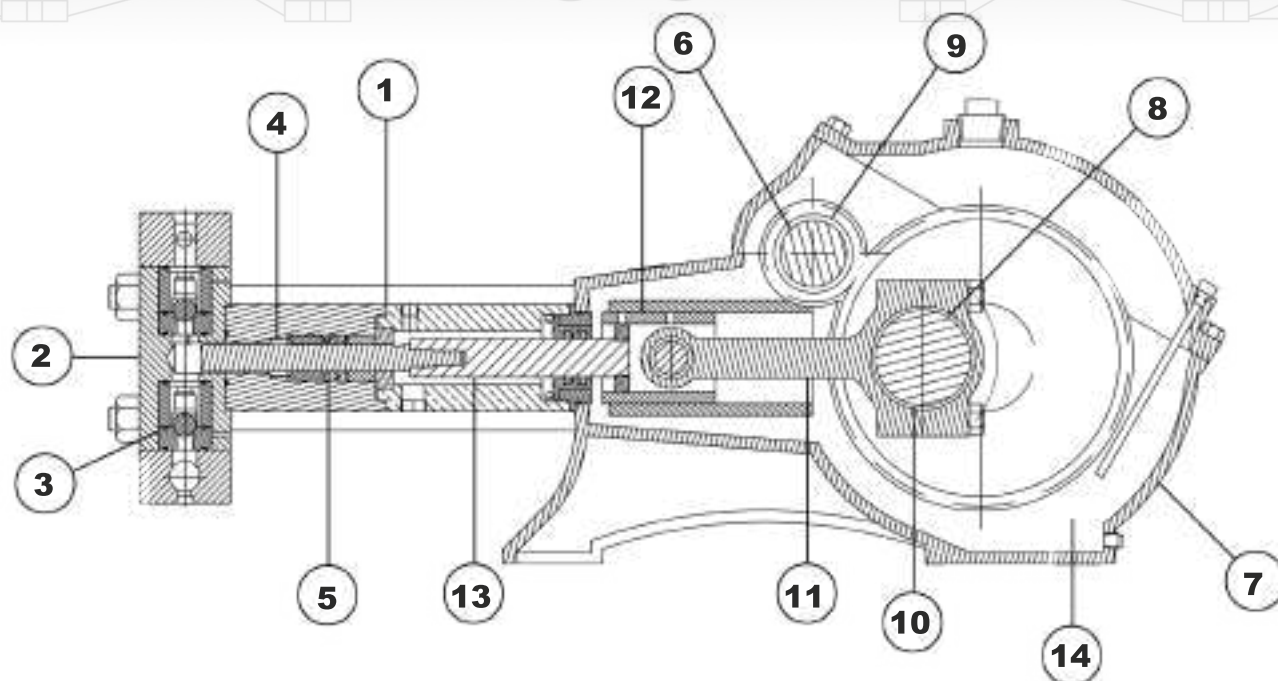
More

- Maximum Continuous Power 80 HP
- Maximum Intermittent Power 100 HP
- Maximum Continuous Input RPM 1450 RPM
- Maximum Intermittent Input RPM 2200 RPM
- Available with 4-bolt SAE "C" female splinned shaft for direct coupling of hydraulic motors

Ser ies	Model	Max Pressure Bar	Pluger Size mm	Stroke mm	Gear Ratio : 1	Flow (LPM) @950 Rpm	Flow (LPM) @1450 Rpm	Flow (LPM) @1800 Rpm
A	DP 5-55	700	15	73	3.39	10	16	20
	DP 12-38	480	22	73	3.39	23	38	44
	DP 18-28	300	28	73	3.39	37	57	93
	DP 25-22	230	32	73	3.39	49	74	73
	DP 38-20	145	40	73	3.39	77	116	145
	DP 60-18	95	50	73	3.39	120	182	227
	DP 100-12	55	65	73	3.39	202	308	384
B	DP 28-55	700	15	95.25	3.95	12	18	22
	DP 40-38	700	22	95.25	3.95	25	39	49
	DP 55-28	540	28	95.25	3.95	42	64	79
	DP 70-22	410	32	95.25	3.95	54	83	104
	DP 80-20	265	40	95.25	3.95	85	130	162
	DP 90-18	170	50	95.25	3.95	134	204	254
	DP 120-12	100	65	95.25	3.95	225	345	430

WSSP PUMPS

PAP-R463, Opp. Ultratech RMC Plant, TTC Industrial Area,
Rabale MIDC, Navi Mumbai - 400 701. India | Web : www.wssppumps.com
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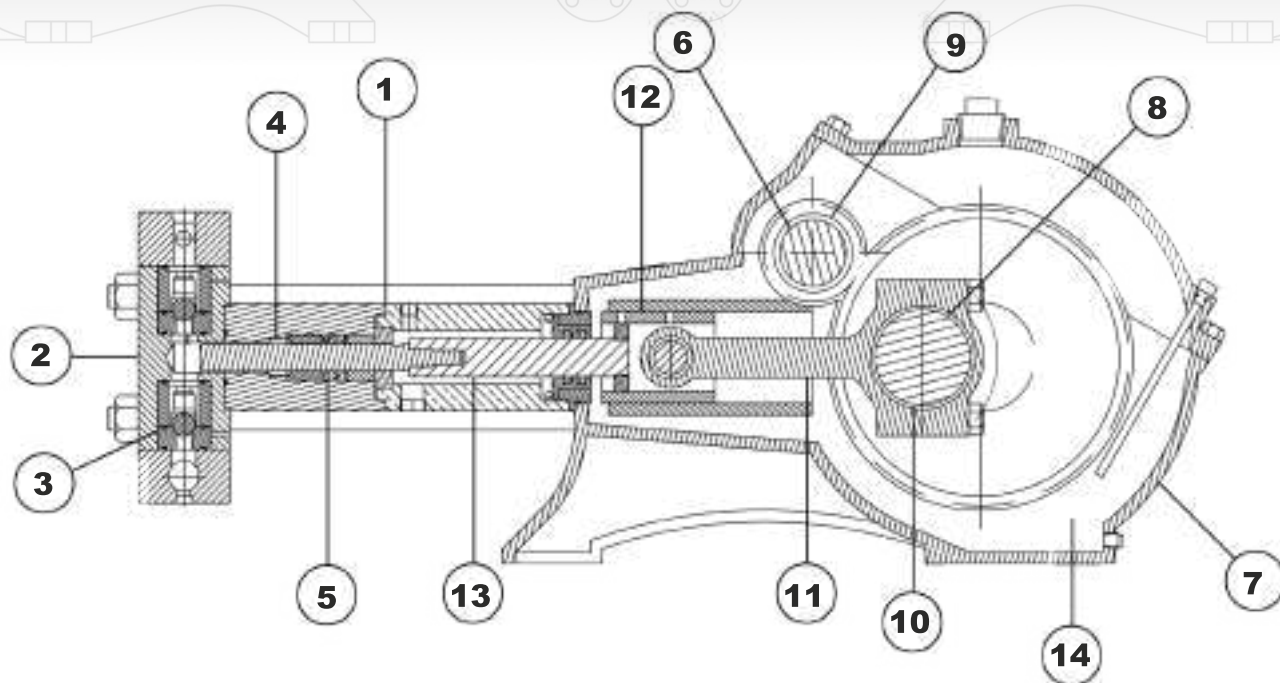


Fluid End

- 1. Split Cylinder/Bracket** The packing cylinder can be readily removed, thus giving easy accessibility to all replacement wear parts. Packing and plunger changes require minimal down time.
- 2. Fluid Cylinder Body** Machined from high quality solid block alloy or stainless steel, ground to precision for maximum pump performance.
- 3. Discharge and Suction Valve Assemblies** Each valve assembly is interchangeable and made from precision machine ground, hardened 17-4 PH stainless steel. No wing guide or threads are required, reducing field maintenance and increasing pump efficiencies. Features a reversible seat in hardened stainless steel. Balls are highly polished, ground and hardened stainless steel. All o-ring seals are flat surface designed, which reduces o-ring cutting and provides maximum pressure sealing.
- 4. Power Plungers** The power plunger is heat-treated stainless steel ground and polished to an 8 rms surface finish for extended packing life.
- 5. Plunger Packing** Multiple element Chevron style packing is used and is self adjusting, requiring minimal field maintenance. Packing lubrication is achieved with gravity oil drip or grease injection.

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Power Body

6. Direct Drive Quiet running pinion and main gears are helical cut and machined from high strength alloy steel, and can rotate in either direction. The internal gear reduction allows for direct drive coupling to most power sources.

7. Crankcase Oilfield rugged cast iron case protects internal components and the upper half of the case is easily removed for inspection and service.

8. Automotive Type Crankshaft Forged from alloy steel and balanced for continuous duty operations.

9. Shaft Bearings Precision conical tapered roller bearings support each shaft end.

10. Crankshaft Journal Bearings Journal bearings are high quality automotive type steel-backed inserts.

11. Connecting Links Links are SG Iron with replaceable wrist-pin bushings.

12. Crossheads Heavy duty iron crossheads eliminate side loads on power plungers.

13. Pony Rods Rods are smoothly ground and highly polished stainless steel, threaded and pinned to align perfectly with the cross head and power plunger.

14. Continuous Splash Lubrication Oil in the crankcase reservoir is picked up by the main helical gear and spread to all moving parts. Forced feed lubrication available on request.

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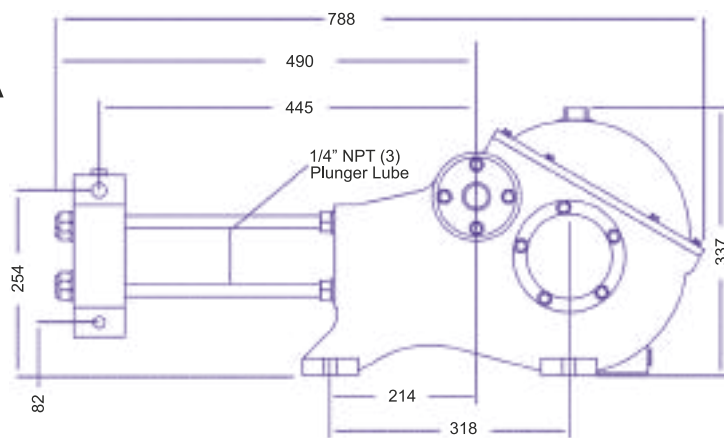
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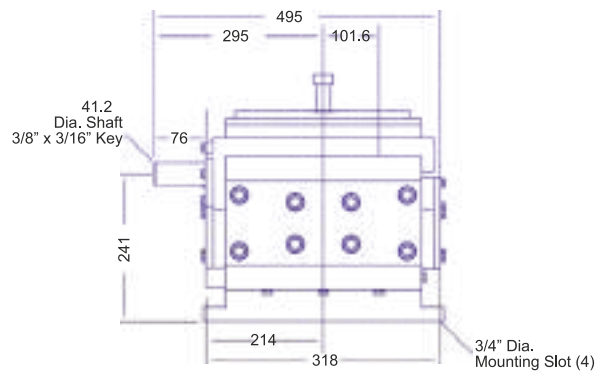


Dimensions

SERIES - A

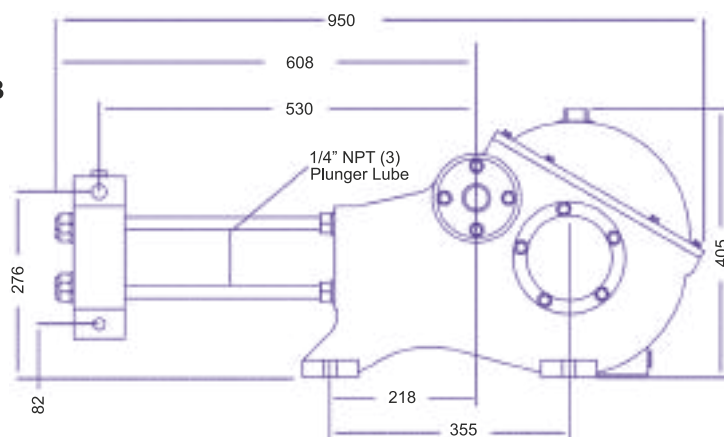


Side View

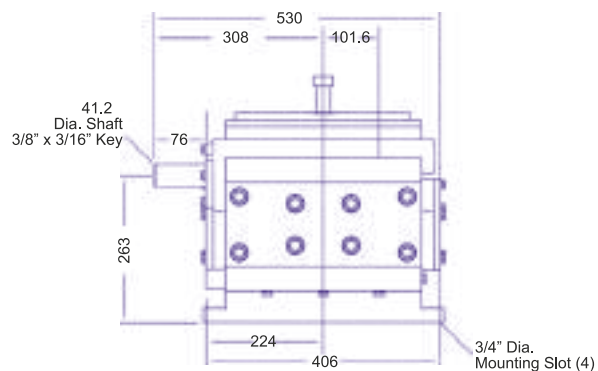


**Fluid End View
Shaft Drive Version**

SERIES - B



Side View



**Fluid End View
Shaft Drive Version**

All Dimensions in MM.

The above specifications may be altered if it facilitates improved performance.

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