



Shijiazhuang Dongli Petroleum Machinery Co., Ltd

API standard F series Drilling Mud Pump

Model	F-500	F-800	F-1000	F-1300	F-1600
Bore x Stroke (in)	6 ¾ x 7 1/2	6 ¾ x 9.0	6 ¾ x 10	7 x 12	7 x 12
Speed Rated (SPM)	165	150	140	120	120
Horse Power rated (HP)	500	800	1000	1300	1600
Gear Type	Herringbone				
Gear Ratio	4.286:1	4.185:1	4.207:1	4.206:1	4.206:1
Lubricating	Pressure & splash				
Suction Inlet	8" Flange	10" Flange	12" Flange	12" Flange	12" Flange
Discharge outlet	4" Flange x 5M	5" Flange x 5000 PSI API			
Pinion Shaft (in)	5 ½	7	7 ¾	8 1/2	8 1/2
Keys (in)	1 ¼ x 1 1/4	1 ¾ x 1 ¾	2 x 2	2 x 2	2 x 2
Valve pots	API 5#	API 6#	API 6#	API 7#	API 7#
Valve Cover	Screw type				

Cylinder Head	Screw Type				
Liner Lock	Screw type, metal-metal				
Weight (kg)	9,770	14,500	18,790	24,572	24,791

Features:

- Designed and manufactured in conformance with API 7K, ISO9001
- Grinded hard surfaces forged alloy steel bull/pinion gears for smooth matching, quiet running, and extended service life which is unique in the mud pump industry
- Balanced forged alloy steel crankshaft
- Alloy steel plate welded frame with CNC machining to ensure assembly accuracy
- Self-aligning packing to prevent leaks and extend service life
- Interchangeable components and parts with major mud pumps to facilitate repair and maintenance
- Optional 10G 3K or 20G 5K pulsation dampener, forged alloy steel 6-way strainer block

For more company profiles or products information, please visit our official website or just feel free to send me an inquiry.

Model	F-500	F-800	F-1000	F-1300	F-1600	F-2200
Max. liner size x stroke (mm)	170x191	170x229	170x254	180x305	180x305	203x356
Rating strokes (rpm)	165	150	140	120	120	105
Rating Power KW (HP)	373(500)	596(800)	746(1000)	969(1300)	1193(1600)	1640(2200)
Gear Ratio	4.286 : 1	4.185 : 1	4.207 : 1	4.206 : 1	4.206 : 1	3.521 : 1

Lubricating System	Pressure and Splash					
Suction Inlet Flange	8"	10"	12"	12"	12"	12"
Discharge Outlet Flange	4"	5"	5"	5"	5"	5"
Diameter of Pinion Shaft mm	139.7	177.8	196.9	215.9	215.9	254
Weight (Kg)	9770	14500	18790	24572	24791	38460