



Shijiazhuang Dongli Petroleum Machinery Co., Ltd

FB-1600 Mud Pump Technical Specification

Type	Horizontal 3-cylinder single role piston pump			Gear Type			Herringbone gear	
Rated input power (KW/HP)	969/1300			Gear driving ratio			4.206:1	
Rated stroke (time/min)	120			Lubrication			Forced and flashing	
Stroke length (mm/in)	305/12"			Valve cavity			API-7#	
Suction side connection dimension	12" (305mm)			Discharge side connection dimension			5" Flange 5000psi	
The main machine weight (kg/pound)	24572/54170			The max. diameter of cylinder			180/7"	
Stroke/Min	Cylinder bush internal hole dia.	180	170	160	150	140	130	
	Rated pressure	18.7 (2720)	21.0 (3050)	23.7 (3440)	27.0 (3915)	31.0 (4495)	34.5 (5000)	
	Rated power	Displacement (L/S) (GPM)						
	KW	HP						
130	1050	1408	50.42 (799)	44.97 (713)	39.83 (631)	35.01 (555)	30.50 (483)	26.30 (417)
120	969	1300	46.54 (737)	41.51 (658)	36.77 (583)	32.32 (512)	28.15 (446)	24.27 (385)
110	889	1192	42.66 (676)	38.05 (603)	33.71 (534)	29.62 (469)	25.81 (409)	22.25 (352)
100	808	1083	38.78	34.59	30.64	26.93	23.46	20.23

			(614)	(548)	(485)	(427)	(372)	(320)
90	727	975	34.90 (553)	31.13 (493)	27.58 (437)	24.42 (384)	21.11 (334)	18.21 (288)
1			0.3878 (6.147)	0.3459 (5.483)	0.3064 (4.857)	0.2693 (4.269)	0.2346 (3.719)	0.2023 (3.206)