

Parameters

Maximum Input Horsepower	500HP (372KW)
Maximum Input Torque	7,228lb.ft (9,800N•m)
Maximum Input Speed	2,400rpm
Stroke Length	8" (203.2mm)
Drive	Worm Gear
Gear Ratio	8.6:1
Maximum Rod Load	180,000lbf (800KN)
Overall Dimensions	77.36×40.25×46.81 in. (1,965×1,022×1,189 mm)
Weight	5,500lbs (2,500kg)

Performance Data

Plunger Diameter	Displacement	GALLONS PER MINUTE (GPM) AT PUMP REVOLUTIONS PER MINUTE (RPM)											
		30		50		100		150		200		240	
In.	Gal/Rev	GPM	PSI	GPM	PSI	GPM	PSI	GPM	PSI	GPM	PSI	GPM	PSI
(mm)	(l/rev)	(LPM)	(Mpa)	(LPM)	(Mpa)	(LPM)	(Mpa)	(LPM)	(Mpa)	(LPM)	(Mpa)	(LPM)	(Mpa)
3 3/8	0.93	27.9	20000	46.5	14941	92.9	8285	139	5538	185.8	4142	306.5	2510
(85.73)	(3.51)	(105.5)	(137.9)	(175.8)	(103)	(351.6)	(57.1)	(527.5)	(38.2)	(703.3)	(28.5)	(1160.5)	(17.3)
4	1.31	39.2	14000	65.3	10617	130.5	5898	195.8	3932	261	2949	430.6	1787
(101.6)	(4.94)	(148.2)	(96.6)	(247)	(73.2)	(494)	(40.7)	(741)	(27.1)	(987.9)	(20.3)	(1630.1)	(12.3)
4 1/2	1.65	49.6	11200	82.6	8398	165.2	4660	247.7	3107	330.3	2330	545	1412
(114.3)	(6.25)	(187.6)	(77.2)	(312.6)	(57.9)	(625.2)	(32.1)	(937.8)	(21.4)	(1250.4)	(16.1)	(2063.1)	(9.7)
5	2.04	61.2	9000	101.9	6802	203.9	3775	305.8	2517	407.8	1887	672.8	1144
(127)	(7.72)	(231.5)	(62.1)	(385.9)	(46.9)	(771.8)	(26.0)	(1157.7)	(17.4)	(1543.7)	(13.0)	(2547)	(7.9)
6	2.93	88.1	6250	146.8	4728	293.6	2621	440.4	1748	587.2	1311	968.9	794
(152.4)	(11.11)	(333.4)	(43.1)	(555.7)	(32.6)	(1111.4)	(18.1)	(1667.2)	(12)	(2222.9)	(9)	(3667.7)	(5.5)
Input Power Brake Horsepower: HP/KW		360/268		450/335		500/372		500/372		500/372		500/372	
Pinion RPM		258		460		860		1290		1720		2064	