

Parameters

Rated Brake Horsepower	2,500HP (1,864KW)
Maximum Rod Load	192,325lbf (854.9KN)
Stroke Length	8" (203.2mm)
Drive	Double Opposing Helical Gear Pair
Gear Ratio	6.353:1
Overall Dimensions	86.65×79.27×43.85in. (2,201 × 2,013 × 1,114mm)
Weight	14,330lbs (6,500kg)

Performance Data

Plunger Diameter	Displacement	GALLONS PER MINUTE (GPM) AT PUMP REVOLUTIONS PER MINUTE (RPM)									
		111		150		200		250		330	
In.	Gal/Rev	GPM (LPM)	PSI (Mpa)	GPM (LPM)	PSI (Mpa)	GPM (LPM)	PSI (Mpa)	GPM (LPM)	PSI (Mpa)	GPM (LPM)	PSI (Mpa)
3 1/2	1.67	185	19990	250	15432	333	11574	416	9259	550	7015
(88.9)	(6.3)	(700)	(140.9)	(946)	(108.8)	(1261)	(81.6)	(1576)	(65.3)	(2081)	(49.4)
3 3/4	1.91	212	17413	287	13443	382	10082	478	8066	631	6111
(95.3)	(7.2)	(804)	(122.7)	(1086)	(94.7)	(1448)	(71.1)	(1810)	(56.8)	(2389)	(43.1)
4	2.18	242	15305	326	11815	435	8861	544	7089	718	5371
(101.6)	(8.2)	(914)	(107.9)	(1235)	(83.3)	(1647)	(62.4)	(2059)	(50)	(2718)	(37.8)
4 1/2	2.75	306	12093	413	9336	551	7002	688	5601	909	4243
(114.3)	(10.4)	(1157)	(85.2)	(1564)	(65.8)	(2085)	(49.3)	(2606)	(39.5)	(3440)	(29.9)
5	3.40	377	9795	510	7562	680	5671	850	4537	1122	3437
(127)	(12.9)	(1428)	(69)	(1930)	(53.3)	(2574)	(40)	(3217)	(32)	(4247)	(24.2)
Input Power Brake Horsepower: HP/KW		2396/1788		2500/1864		2500/1864		2500/1864		2500/1864	
Pinion RPM		705		953		1271		1588		2096	

Based on 85% ME and 100% VE - Intermittent service only.