



JCPUMP - API No. 13DB-32-20

Gear Reducer

Peak Torque Rating	13,000 in. lbs.
Nominal Horsepower Rating (at 20 S.P.M.)	2.0
Reduction Ratio (Double Reduction)	40:1
Type of Bearings	Tapered Roller
Pulley	1-B x 18"
Oil Capacity (GL-5 80W-90)	2.5 Gallons

Frame Structure

Unit Structure Rating	3,200 lbs.
Range of Stroke	15"-19 1/2"
Well Working Center	36"
Walking Beam Section and Weight	W8 x 15 lbs.
Height of Saddle Bearing above Foundation	57"
Wide Base Dimensions	108" x 37"
T-Base Dimensions	92" x 31"
Section and Weight of Main Base Members	C5 x 6.7 lbs.
Beam Counter Weights	70 lbs. Each
Wrist Pin Bearings	Tapered Roller
Weight of T-Base Unit (Approx.)	780 lbs.
Weight of Wide Base Unit (Approx.)	975 lbs.
Custom paint colors available	

Stroke Inches	Pump Size	Counter Bal. Required per 100 ft.		20 S.P.M. Maximum Depth in Feet		10 S.P.M. Maximum Depth in Feet		20 SPM Barrels Per 24 Hours
		Rod Size		Rod Size		Rod Size		
		5/8	3/4	5/8	3/4	5/8	3/4	
14	1 1/16	68	92	1775	1310	1775	1310	31
	1 1/4	71	95	1683	1259	1683	1259	43
	1 1/2	77	101	1556	1187	1556	1187	62
	1 3/4	84	108	1395	1111	1428	1111	85
	2	92	116	1225	1022	1258	1034	111
	2 1/4	101	125	1076	916	1102	943	140
	2 1/2	111	135	947	821	967	843	174
2 3/4	122	146	837	737	852	754	210	
16	1 1/16	68	92	1775	1310	1775	1310	36
	1 1/4	71	95	1683	1259	1683	1259	50
	1 1/2	77	101	1556	1187	1556	1187	71
	1 3/4	84	108	1388	1111	1428	1111	97
	2	92	116	1219	1017	1258	1034	127
	2 1/4	101	125	1072	912	1102	943	160
	2 1/2	111	135	944	818	967	843	198
2 3/4	122	146	834	734	852	754	240	
20	1 1/16	68	92	1775	1310	1775	1310	45
	1 1/4	71	95	1683	1259	1683	1259	62
	1 1/2	77	101	1556	1187	1556	1187	89
	1 3/4	84	108	1374	1111	1428	1111	121
	2	92	116	1209	1006	1253	1034	158
	2 1/4	101	125	1064	904	1097	938	201
	2 1/2	111	135	913	811	964	839	248
2 3/4	122	146	766	729	850	751	300	

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Note: Well Production is Based on Pump Efficiency of 80% @ 20 SPM.