



## JCPUMP - API No. 40DB-89-48

### Gear Reducer

Peak Torque Rating	40,000 in. lbs.
Nominal Horsepower Rating (at 20 S.P.M.)	10
Reduction Ratio (Double Reduction)	32:1
Type of Bearings	Tapered Roller
Pulley	3-B x 18"
Oil Capacity (GL-5 80W-90)	7.0 Gallons

### Frame Structure

Unit Structure Rating	8,900 lbs.
Range of Stroke	33"-48"
Well Working Center	60"
Walking Beam Section and Weight	W14 x 34 lbs.
Height of Saddle Bearing above Foundation	92"
Wide Base Dimensions	157" x 44"
T-Base Dimensions	134" x 40"
Section and Weight of Main Base Members	C8 x 11.5 lbs.
Beam Counter Weights	140 lbs. Each
Wrist Pin Bearings	Tapered Roller
Weight of T-Base Unit (Approx.)	2,380lbs.
Weight of Wide Base Unit (Approx.)	2,800 lbs.
Custom paint colors available	

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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	
33	1 1/16	68	92	4688	3644	4937	3644	70
	1 1/4	71	95	4181	3339	4682	3503	96
	1 1/2	77	101	3326	2937	4327	3300	139
	1 3/4	84	108	2647	2417	3741	3089	189
	2	92	116	2142	1989	3086	3063	246
36	1 1/16	68	92	4439	3644	4937	3644	81
	1 1/4	71	95	3680	3175	4682	3503	111
	1 1/2	77	101	2895	2574	4327	3300	160
	1 3/4	84	108	2313	2103	3523	3089	218
	2	92	116	1877	1736	2757	2677	285
41	1 1/16	68	92	3387	2811	4937	3644	87
	1 1/4	71	95	2836	2421	4682	3503	120
	1 1/2	77	101	2255	1985	3825	3300	172
	1 3/4	84	108	1816	1636	2918	2795	235
	2	92	116	1483	1361	2292	2215	306
48	1 1/16	68	92	2670	2197	4937	3644	108
	1 1/4	71	95	2255	1908	4340	3503	149
	1 1/2	77	101	1809	1578	3222	3026	214
	1 3/4	84	108	1466	1311	2470	2353	291
	2	92	116	1203	1096	1946	1873	380
	2 1/2	111	135	841	787	1290	1257	595

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