



## JCPUMP - API No. 25DB-67-36

### Gear Reducer

Peak Torque Rating	25,000 in. lbs.
Nominal Horsepower Rating (at 20 S.P.M.)	7.5
Reduction Ratio (Double Reduction)	32:1
Type of Bearings	Tapered Roller
Pulley	3-B x 18"
Oil Capacity (GL-5 80W-90)	4.5 Gallons

### Frame Structure

Unit Structure Rating	6,700 lbs.
Range of Stroke	28"-36"
Well Working Center	50"
Walking Beam Section and Weight	W12 x 22 lbs.
Height of Saddle Bearing above Foundation	81"
Wide Base Dimensions	145" x 44"
T-Base Dimensions	121" 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.)	1,680 lbs.
Weight of Wide Base Unit (Approx.)	2,060 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	
28	1 1/16	68	92	3717	2743	3717	2743	63
	1 1/4	71	95	3330	2637	3525	2637	87
	1 1/2	77	101	2586	2327	3258	2485	125
	1 3/4	84	108	2046	1880	2934	2326	170
	2	92	116	1649	1539	2287	2166	222
	2 1/4	101	125	1351	1277	1830	1795	281
31	2 1/2	111	135	1124	1073	1496	1472	347
	2 3/4	122	146	949	911	1244	1228	420
	1 1/16	68	92	3433	2743	3717	2743	70
	1 1/4	71	95	2829	2457	3525	2637	96
	1 1/2	77	101	2212	1978	3258	2485	138
	1 3/4	84	108	1759	1608	2650	2326	188
36	2	92	116	1423	1322	2066	2016	246
	2 1/4	101	125	1169	1100	1653	1621	311
	2 1/2	111	135	975	927	1351	1330	384
	2 3/4	122	146	824	789	1124	1109	465
	1 1/16	68	92	2774	2328	3717	2743	81
	1 1/4	71	95	2300	1984	3525	2637	111
36	1 1/2	77	101	1810	1608	2901	2485	160
	1 3/4	84	108	1445	1314	2202	2121	218
	2	92	116	1173	1085	1723	1673	285
	2 1/4	101	125	967	906	1382	1350	361
	2 1/2	111	135	808	765	1132	1110	446
	2 3/4	122	146	684	653	943	928	540

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