



JENSEN
a division of Jensen International

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The following is for use in calculating Counter Balance required when you know Pump Bore size; Rod size and Pump depth. Multiply pounds per foot times pump depth then go to counter balance sheet and select number of weights under unit size.

Pump Size	Rod Size	Pounds ECB per foot
1 1/16"	5/8"	1.252#
1 1/4"	5/8"	1.33#
1 1/4"	5/8" & 3/4"	1.50246#
1 1/4"	3/4"	1.79#
1 1/4"	7/8" & 3/4"	1.958#
1 1/2"	5/8"	1.454#
1 1/2"	5/8" & 3/4"	1.6464#
1 1/2"	3/4"	1.915#
1 1/2"	7/8 & 3/4"	2.10#
1 3/4"	5/8"	1.600058#
1 3/4"	5/8" & 3/4"	1.817#
1 3/4"	3/4"	2.06129#
1 3/4"	7/8 & 3/4"	2.266#
2"	5/8"	1.76928#
2"	5/8" & 3/4"	2.009#
2"	3/4"	2.23#
2"	7/8" & 3/4"	2.458#
2 1/4"	5/8"	1.96#
2 1/4"	5/8" & 3/4"	2.23#
2 1/4"	3/4"	2.421#
2 1/4"	7/8" & 3/4"	2.68#

"Products Serving the World into the 21st Century"



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"J" SERIES PUMPING UNITS

BEAM BALANCES

UNIT	6.4A32J16	10A40J20	10A32J24	16A53J24	25A53J30 16A53J30	40A67J36 25A67J36	40A89J36	40A89J42	40A76J48
POLISH ROD CAPACITY	3,200 lbs.	4,000 lbs.	3,200 lbs.	5,300 lbs.	5,300 lbs.	6,700 lbs.	8,900 lbs.	8,900 lbs.	7,600 lbs.
STROKE LENGTH	16" / 13"	20" / 16"	24" / 19½"	24" / 20½"	30" / 26"	36" / 31" 28¼" / 24¾"	36" / 31½" 28¼" / 24½"	34¼" / 30½" 42" / 37"	39¼" / 35" 48" / 42"
WALKING BEAM	6" x 12#	8" x 15#	8" x 15#	10" x 22#	10" x 26#	12" x 26#	14" x 34#	14" x 34#	14" x 34#
PART NO.	64020	64020	64020	64020	64020	57020	57020	57020	57020
BEAM WEIGHT	130 lbs.	130 lbs.	130 lbs.	130 lbs.	130 lbs.	170 lbs.	170 lbs.	170 lbs.	170 lbs.
INTEGRAL BASE WT	720 lbs.	850 lbs.	860 lbs.	1,350 lbs.	1,400 lbs.	1,890 lbs.	2,180 lbs.	2,200 lbs.	2,260 lbs.
WIDE BASE WT.	830 lbs.	1,000 lbs.	1,010 lbs.	1,550 lbs.	1,600 lbs.	2,300 lbs.	2,600 lbs.	2,620 lbs.	2,680 lbs.
STRUCTURAL UNBALANCE	95 lbs.	90 lbs.	85 lbs.	135 lbs.	95 lbs.	200 lbs.	230 lbs.	175 lbs.	70 lbs.

NO. BEAM WEIGHTS

EFFECTIVE COUNTERBALANCE AT POLISH ROD POUNDS

	0	130	120	95	170	150	250	275	225	135
1		410	380	320	490	355	620	690	570	430
2		685	640	540	810	575	985	1080	905	725
3		955	890	755	1120	790	1345	1465	1235	1010
4		1215	1135	960	1430	1000	1700	1845	1560	1300
5		1470	1375	1165	1730	1210	2050	2220	1880	1580
6		1715	1610	1370	2030	1420	2400	2590	2200	1860
7		1955	1840	1565	2330	1620	2740	2960	2510	2080
8		2185	2060	1755	2620	1820	3080	3320	2820	2400
9		2410	2280	1940	2910	2010	3410	3675	3125	2670
10			2490	2120	3190	2200	3740	4025	3425	2930
11			2700	2295	3470	2390	4060	4370	3720	3190
12			2895	2470	3740	2575	4380	4710	4010	3445
13			3090		4010	2755	4690	5045	4300	3700
14						2930	5000	5375	4580	3945
15						3105	5250	5700	4860	4190
16						3270		6020	5130	4430
17						3440		6340	5400	4665
18						3600		6650	5665	4900
19						3760		6950	5930	5130
20						3915			6185	5575
21						4065			6440	5795
22									6690	
23										

JENSEN / 14TH & PACIFIC STREETS / COFFEYVILLE, KANSAS 67337 / (620) 251-5700