

MANITOWOC ENGINEERING CO.

A Division of The Manitowoc Company, Inc.

Manitowoc, Wisconsin

Gopalji & BROS

LIFT CRANE CAPACITIES

5, KASHIRAM JAMNADAS BUILDING, SC 70
S. P. D'MELLO ROAD,
BOMBAY-400009
Phone: 3763731 3769998 - 3765935

**BOOM NO. 16 WITH OPEN THROAT TOP
26,000 LB. COUNTERWEIGHT
0 DEGREE LIST**

PEDESTAL MOUNT

Capacities are for freely suspended loads based on strength of structural components or other factors. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering as well as adverse operating conditions or physical machine depreciation.

load block hook, weight ball, slings, etc., is considered part of the load.

Machine equipped with 9" gantry raised, 10 part boom hoist rigging, 3/8" pendants and 26,000 lbs. counterweight.

Load radius is the horizontal distance from the axis of rotation to the center of vertical hoist line. Weight of

Lifting capacity of the whip line over forward boom point sheave is a maximum 13,000 lbs. but no more than the main boom rating.

RAD. IN FT.	CAPACITIES IN THOUSANDS OF LBS.													RAD. IN FT.	
	BOOM LENGTH - FT.														
	40	50	60	70	80	90	100	110	120	130	140	150	160		
12	140.0	125.0													12
13	126.5	123.5	122.0												13
14	123.5	122.0	121.0	114.5											14
15	120.0	120.0	120.0	109.5	104.8										15
16	117.5	117.0	116.0	106.2	102.4	98.0									16
17	116.0	115.0	114.0	103.9	99.4	95.7									17
18	113.7	113.8	111.8	101.0	97.3	93.0	87.4								18
20	98.6	99.6	98.2	96.3	92.1	88.6	83.3	75.3	75.0						20
22	86.5	88.2	87.4	85.9	84.6	83.0	80.3	72.7	73.6	66.6					22
24	76.6	79.0	78.6	77.5	76.3	74.9	74.0	69.6	70.5	64.5	57.2				24
26	68.3	71.3	71.3	70.5	69.5	68.2	67.3	66.9	65.6	61.9	55.6	48.5			26
28	61.3	64.7	65.2	64.6	63.7	62.6	61.7	61.3	60.1	59.0	54.1	47.9	42.9		28
30	55.1	59.0	58.9	58.8	58.5	57.8	57.0	56.5	55.4	54.4	52.8	46.7	42.0		30
32	49.5	54.0	53.8	53.6	53.3	53.2	52.9	52.4	51.4	50.4	50.3	45.2	41.3		32
34	44.4	49.5	49.7	49.2	48.9	48.8	48.5	48.3	47.8	46.9	46.7	44.3	40.5		34
36	39.7	45.6	46.7	45.8	45.1	45.0	44.7	44.5	44.3	43.9	43.7	42.9	39.3		36
38	35.0	41.9	43.9	43.2	42.2	41.7	41.5	41.3	41.0	40.8	40.6	40.2	38.2		38
40	30.2	38.5	41.0	40.8	39.9	39.3	38.6	38.4	38.1	37.9	37.7	37.5	36.8		40
45		30.8	34.5	35.8	34.9	34.4	33.7	33.1	32.4	32.1	31.9	31.6	31.4		45
50		23.0	28.8	30.8	31.0	30.5	29.9	29.3	28.7	28.2	27.5	27.2	26.5		50
55			23.7	26.5	27.5	27.4	26.8	26.3	25.7	25.2	24.6	24.1	23.5		55
60			18.1	22.6	24.1	24.6	24.1	23.7	23.1	22.7	22.1	21.7	21.1		60
65				18.9	21.0	21.8	22.0	21.5	21.0	20.5	20.0	19.6	19.1		65
70				14.6	18.1	19.3	19.7	19.6	19.1	18.7	18.2	17.8	17.3		70
75					15.2	17.0	17.7	17.9	17.5	17.1	16.6	16.2	15.7		75
80					11.9	14.8	15.7	16.1	16.1	15.7	15.2	14.8	14.4		80
85						12.5	13.8	14.5	14.6	14.4	14.0	13.6	13.2		85
90							12.0	12.9	13.1	13.2	12.9	12.5	12.1		90
95							10.1	11.4	11.8	12.0	11.9	11.5	11.1		95
100								9.9	10.5	10.8	10.8	10.7	10.2		100
110									8.0	8.7	8.8	8.8	8.6		110
120										6.5	7.0	7.2	7.1		120
130											5.1	5.6	5.6		130
140												3.9	4.2		140
150													2.8		150

Drwg. No. 5270-A, 5-18-70/L

LIFT CRANE CAPACITIES - SEA CRANE 70

*To Shri Bhatnagar
OK
Shri Bhatnagar.*

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