

F7-18
Nominal Rating: 3 Tons Maximum Lifting Capacity

Rev 2.0

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IMPERIAL UNITS

Reach (ft)	Boom Angle (Deg)	Onboard Load (Lbs)	Offboard Load (Lbs)
2.4	82.5	7,000	7,000
5.0	73.9	7,000	7,000
10.0	56.4	7,000	7,000
15.0	34.0	7,000	5,200
18.1	0.0	6,370	4,230

API Maximum Overturning Moment (ft-lbs.)	249,560
Corresponding Axial Force (lbs.)	27,890
Maximum Axial Force (lbs.)	32,970
Corresponding Moment (ft-lbs.)	150,195
Basic Crane Weight (lbs.)	3,700
Center of Gravity (ft)	3.63

METRIC UNITS

Reach (m)	Boom Angle (Deg)	Onboard Load (Kgs)	Offboard Load (Kgs)
0.72	82.5	3,175	3,175
1.52	73.9	3,175	3,175
3.05	56.4	3,175	3,175
4.57	34.0	3,175	2,350
5.51	0.0	2,880	1,910

API Maximum Overturning Moment (tonne-meter)	34.50
Corresponding Axial Force (kgs.)	12,650
Maximum Axial Force (kgs.)	14,955
Corresponding Moment (tonne-meter)	20.77
Basic Crane Weight (kgs.)	1,680
Center of Gravity (m)	1.11

The published load chart was generated in accordance with Legacy Dynamic Method per API 2C 7th Edition. The load ratings may vary due to the number of part line, line pull, environmental conditions, etc. The information provided in this document is intended for informational purposes only and is subject to change without notice.