

F80-35
Nominal Rating: 40 Tons Maximum Lifting Capacity
Rev 2.1
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IMPERIAL UNITS				METRIC UNITS			
Reach (Ft)	Boom Angle (Deg)	Main Line Onboard Load (lbs)	Main Line Offboard Load (lbs)	Reach (m)	Boom Angle (Deg)	Main Line Onboard Load (Kgs)	Main Line Offboard Load (lbs)
6.7	80.4	80,000	80,000	2.04	80.4	36,287	36,287
15.0	68.0	80,000	80,000	4.57	68.0	36,287	36,287
20.0	60.1	80,000	75,439	6.10	60.1	36,287	34,219
25.0	51.4	80,000	61,008	7.62	51.4	36,287	27,673
30.0	41.5	74,958	49,847	9.14	41.5	34,000	22,610
35.0	29.1	64,545	42,922	10.67	29.1	29,277	19,469
API Maximum Overturning Moment (ft-lbs.)		4,774,870		API Maximum Overturning Moment (tonne-meter)		660.15	
Corresponding Axial Force (lbs.)		186,857		Corresponding Axial Force (kgs.)		84,757	
Maximum Axial Force (lbs.)		196,941		Maximum Axial Force (kgs.)		89,331	
Corresponding Moment (ft-lbs.)		4,231,192		Corresponding Moment (tonne-meter)		584.98	
Basic Crane Weight (lbs.)		36,941		Basic Crane Weight (kgs.)		16,756	
Center of Gravity (ft)		9		Center of Gravity (m)		2.61	

The published load chart 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, and environmental conditions, etc. The information provided in this document is intended for informational purposes only and is subject to change without notice.