

# Main Hoist Net Lift Capacity Chart

## Nautilus Model 340BT-80/115 Marine Crane

WIRE ROPE: Six Part 7/8" Dyform-34 HSLR

HOIST: Braden Model CH400A-70144-02-1

### 80' RETRACTED

RADIUS (FT)	ANGLE (DEG)	ONBOARD		OFFBOARD $C_v=1.33$	
		LOW SPEED (LB)	HIGH SPEED (LB)	LOW SPEED (LB)	HIGH SPEED (LB)
12.1	82	120,000	80,000	80,000	80,000
15	80	120,000	80,000	80,000	80,000
20	76	100,506	80,000	66,337	66,337
25	73	82,274	80,000	54,183	54,183
30	69	69,417	69,417	45,611	45,611
35	65	59,807	59,807	39,205	39,205
40	61	52,297	52,297	34,198	34,198
45	57	46,211	46,211	30,141	30,141
50	53	41,117	41,117	26,745	26,745
55	48	36,717	36,717	23,811	23,811
60	43	32,780	32,780	21,187	21,187
65	37	29,096	29,096	18,731	18,731
70	31	25,403	25,403	16,269	16,269
75	22	21,156	21,156	13,437	13,437
80	0	9,053	9,053	5,369	5,369

All ratings are in accordance with "API Specification 2C, Sixth Edition, September 1, 2004."

*The above ratings are "Net" ratings, as the load block weight of 2,000 lbs has been accounted for.*

120,000 lbs = Load Block Onboard Rating

80,000 lbs = Load Block Offboard Rating

*Crane is equipped with a two-speed main hoist hydraulic circuit that automatically shifts from High to Low Speed when the hook load exceeds approximately 80,000 lbs.*