

NAUTILUS

MARINE CRANES
 HOUMA, LOUISIANA 70363
 (985) 868-0630

MODEL : 35B4A-50
 SERIAL NUMBER : 079902C
 MONTCO OFFSHORE



MAIN HOIST				
FOUR PART REEVING				
RADIUS (FT)	BOOM ANGLE (DEG)	ONBOARD LIFT (LBS)	OFFBOARD LIFT (LBS)	PERSONNEL LIFT (LBS)
8.8	81	20,048	19,550	5,699
10	79	20,048	19,373	5,699
15	73	20,048	15,074	4,725
20	67	16,805	11,053	3,384
25	61	13,208	8,655	2,585
30	54	10,820	7,063	2,054
35	47	9,119	5,929	1,676
40	38	7,847	5,081	1,394
45	27	6,860	4,423	1,174
50	0	5,254	3,353	818

DESIGN CONDITIONS	
METHOD USED	DEFAULT DYNAMIC
HOOK DROP	165 FT
MIN HOOK SPEED	27 FPM

NOTE:

- 1) OFFBOARD LIFTS BASED ON SWL*CV
- 2) CV IS THE VERTICAL DYNAMIC COEFFICIENT DETERMINED BY THREE METHODS
 - * VESSEL SPECIFIC METHOD - USED FOR DETERMINING RATINGS FOR FLOATING PLATFORM / VESSEL
 - * GENERAL METHOD - USED FOR DETERMINING RATINGS FOR FLOATING PLATFORM / VESSEL OR FIXED PLATFORM
 - * DEFAULT DYNAMIC METHOD - OFFBOARD LIFTS FROM FIXED PLATFORM (CV=2.0)
- 3) SHEAVE EFFICIENCY CONSIDERED.
- 4) THE ABOVE RATINGS ARE NET RATINGS AS THE MAIN LOAD BLOCK WEIGHT OF 450 LBS HAS ALREADY BEEN SUBTRACTED TO DETERMINE "NET" CAPACITY.
- 5) REFERENCE MANUAL FOR REEVING DIAGRAMS.
- 6) REFERENCE INFORMATION CHART FOR REEVING DETAILS.
- 7) ALL RATINGS IN ACCORDANCE WITH API SPECIFICATION 2C (SPEC 2C), SIXTH EDITION, SEPTEMBER 2004.

REV: A
 P/N: N2012SK3-017