

LOAD CHART

14.375"

9.250"

REACH FT.		BOOM ANGL. DEG.		FULLY RET. 56' MAX REACH				EXTENDED 70' REACH				EXTENDED 85' REACH				EXTENDED 100' REACH				
				LOAD LINE LBS.		FAST LINE LBS.		LOAD LINE LBS.		FAST LINE LBS.		LOAD LINE LBS.		FAST LINE LBS.		LOAD LINE LBS.		FAST LINE LBS.		
				DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	
10	78°	47,200	71,550	8,900	8,900	81"	42,500	54,500	8,900	8,900	83"	36,900	54,200	8,900	8,900	84"	25,100	38,400	8,900	8,900
15	74°	34,100	51,900	8,900	8,900	77"	32,200	49,050	8,900	8,900	80"	30,750	48,875	8,900	8,900	81"	21,200	32,450	8,900	8,900
20	68°	28,450	40,425	8,900	8,900	73"	25,100	38,400	8,900	8,900	76"	24,100	36,900	8,900	8,900	78"	17,750	27,375	8,900	8,900
25	63°	21,825	33,488	8,900	8,900	68"	20,200	31,850	8,900	8,900	73"	19,250	29,825	8,900	8,900	75"	15,150	23,475	8,900	8,900
30	58°	18,750	28,875	8,900	8,900	64"	18,850	28,175	8,900	8,900	69"	18,050	24,825	8,900	8,900	72"	13,900	20,250	8,900	8,900
35	51°	16,200	25,050	8,900	8,900	60"	14,850	22,725	8,900	8,900	66"	13,700	21,300	8,900	8,900	69"	11,850	18,225	8,900	8,900
40	45°	14,450	22,425	8,900	8,900	55°	12,950	20,175	8,900	8,900	62"	11,750	18,375	8,900	8,900	66"	11,000	17,250	8,900	8,900
45	37°	12,400	19,350	8,900	8,900	50°	11,400	17,850	8,900	8,900	58°	10,300	16,200	8,900	8,900	63"	9,800	15,150	8,900	8,900
50	27°	10,750	16,875	8,900	8,900	45°	10,300	16,200	8,900	8,900	54°	9,150	14,475	8,900	8,900	60°	8,350	13,275	8,350	8,900
55	11°	8,400	14,850	8,900	8,900	38°	9,250	14,825	8,500	8,900	50°	8,250	13,125	8,250	8,900	57°	7,500	12,000	7,500	8,900
58	0°	8,050	14,325	8,900	8,900	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
60						31°	8,350	13,275	8,350	8,900	45°	7,450	11,925	7,450	8,900	53°	8,800	10,850	8,800	8,900
65						22°	7,500	12,000	7,500	8,900	40°	6,700	10,900	6,700	8,900	49°	5,850	9,675	5,850	8,900
70						0°	5,800	8,800	5,800	8,900	35°	6,050	8,825	6,050	8,900	46°	5,400	8,850	5,400	8,850
75											28°	5,450	8,925	5,450	8,900	41°	4,800	7,850	4,800	7,850
80											20°	4,850	8,025	4,850	8,025	37°	4,350	7,275	4,350	7,275
85											0°	3,650	8,225	3,650	6,225	32°	3,800	6,600	3,800	6,600
90																26°	3,450	5,925	3,450	5,925
95																18°	3,000	5,250	3,000	5,250
100																0°	2,050	3,825	2,050	3,825

REACH = CENTER OF BASE ROTATION TO CENTER OF LOAD LINE SHEAVE.

VALUES SHOWN ARE HOOK LOADS.
EBC LOAD LINE BLOCK AND HOOK WEIGHT IS 1400 LBS.
EBC WIND LINE BLOCK AND HOOK WEIGHT IS 100 LBS.
THE LOADS SHOWN ARE LESS THAN THE ALLOWABLES TO ACCOUNT FOR THE WEIGHT OF THE BLOCKS AND HOOKS.
CRANE MOUNTED ON BOTTOM SUPPORTED STRUCTURE.

PERSONNEL HANDLING LOAD = LESSER OF: DYN. LOAD DIVIDED BY 2 OR NOMINAL STRENGTH DIVIDED BY 10.

LOAD LINE: 4-PART LINE, 1" DUTROM 18 EPS NRC 115,000 LB. NOMINAL STRENGTH 23,000 LB. WORKING.
FAST LINE: 1-PART LINE, 3/8" 18X7 EPS NRC 45,000 LB. NOMINAL STRENGTH 8,900 LB. WORKING.

**REDUCED COPY
NOT TO SCALE**

INSTRUCTIONS:

- ENGRAVE USING 0.020 CUTTER.
- DEBURR EDGES.
- STORE PART AS INSTRUCTED.

UNLESS OTHERWISE NOTED, ALL MACHINE SURFACES TO BE 63 JJ INCH FINISH.

ALL WELDS IN ACCORDANCE WITH AWS D1.1 STRUCTURAL WELDING CODE, UNLESS OTHERWISE SPECIFIED.

ALL PARTS TO BE FLAME OR PLASMA CUT ARE TO BE MADE TO A TOLERANCE TO +/- 1/16" UNLESS OTHERWISE SPECIFIED.

1/16" PLASTIC MATERIAL: YELLOW BACK/BLACK LETTERS QTY: AS REQUIRED

TOLERANCE UNLESS OTHERWISE SPECIFIED		REVISIONS			
		NO.	DATE	LOC. CODE	DESCRIPTION
X	± .03"	1			
XX	± .015"	2			
XXX	± .0015"	3			
XXXX	± .0005"	4			
X/X	± 1/32"	5			
[]	INDICATE MILLIMETERS	6			



**TC60B-56-100 LOAD CHART (BOOM ONLY)
4-PART LOAD LINE (GULF COAST CRANE)**

PART NUMBER: 1022-4445686

DATE: 3/7/08 SCALE: 5/8"=1" LIBR: LDCH
PROTO: SHT: DWG NO: BRA_SEE P/N

DRAWN BY: