

470

REFER NOTE 3

6 TYP.

R6 TYP.

6 TYP.

MK760L LOAD CHART

S/No.

28 TONNE WINCH - MAIN HOIST 1 FALL

225

BOOM LENGTH (METRES)	MINIMUM RADIUS (METRES)	SAFE WORKING LOAD AT MIN. RADIUS (TONNES)	RADIUS (METRES) AND SAFE WORKING LOAD (TONNES)																				MAXIMUM RADIUS (METRES)	SAFE WORKING LOAD AT MAXIMUM RADIUS (TONNES)		
			7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0			57.5	60.0
	ANGLE	86.0°	84.7°	82.5°	80.2°	78.0°	75.7°	73.3°	71.0°	68.6°	66.2°	63.7°	61.1°	58.5°	55.9°	53.1°	50.2°	47.2°	44.0°	40.7°	37.1°	33.1°	28.6°	23.4°	ANGLE	15.0°
64.2	6.1	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	22.7	21.4	20.2	19.2	18.3	17.4	16.5	15.3	13.9	12.7	11.6	10.6	9.7	8.9	63.0	7.4
	ANGLE	86.0°	84.3°	81.9°	79.5°	77.0°	74.5°	72.0°	69.4°	66.8°	64.2°	61.4°	58.6°	55.8°	52.8°	49.6°	46.4°	42.9°	39.2°	35.1°	30.6°	25.3°	18.6°	ANGLE	15.0°	
59.6	5.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	24.8	23.7	22.2	20.2	18.4	16.9	15.5	14.2	13.1	12.1	11.2	10.4	58.5	10.2	
	ANGLE	86.0°	83.9°	81.2°	78.6°	75.9°	73.2°	70.4°	67.6°	64.7°	61.8°	58.8°	55.6°	52.4°	49.0°	45.4°	41.5°	37.3°	32.7°	27.3°	20.7°	ANGLE	15.0°			
55.0	5.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	24.0	21.0	19.2	17.6	16.2	14.9	13.8	12.9	54.1	12.5			
	ANGLE	86.0°	83.3°	80.4°	77.5°	74.6°	71.6°	68.5°	65.4°	62.2°	58.9°	55.5°	51.9°	48.2°	44.2°	39.8°	35.0°	29.6°	22.9°	ANGLE	15.0°					
50.4	5.1	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	23.3	21.3	19.5	18.0	16.6	15.3	49.6	14.5					
	ANGLE	86.0°	82.6°	79.4°	76.2°	73.0°	69.6°	66.2°	62.7°	59.1°	55.4°	51.4°	47.2°	42.7°	37.7°	32.1°	25.3°	ANGLE	15.0°							
45.8	4.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	23.9	21.8	20.1	18.5	45.2	16.9							
	ANGLE	86.0°	81.8°	78.2°	74.6°	71.0°	67.2°	63.4°	59.3°	55.2°	50.7°	46.0°	40.8°	35.0°	28.1°	18.9°	ANGLE	15.0°								
41.2	4.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	24.5	22.4	20.6	40.8	20.1								
	ANGLE	86.0°	80.7°	76.7°	72.6°	68.5°	64.1°	59.6°	54.9°	49.9°	44.4°	38.3°	31.2°	22.0°	ANGLE	15.0°										
36.6	4.2	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	36.3	27.0										

MAX. HOOK WEIGHT IS 2.029 TONNE.
THIS WEIGHT DOES NOT NEED TO BE SUBTRACTED FROM SWL
MAX. OPERATING WIND SPEED 20 m/s

A2170-1320 REV. A

4 - Ø4 HOLES

DETAIL ITEM-1


REFER DXF A2170-1320-001A

Material List

Cat.	Item	Qty	Description	Length	Material	kg
	1	1	PL 1.5 x 225	470	WHITE TRAFFOLYTE	-

NOTES

1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
2. MATERIAL IS ALUMINIUM WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.
3. REFER TO WORKS ORDER FOR S/No.

20/03/18	ORIGINAL ISSUE			A
Date	Description	ECN Number	Rev	
TOLERANCES				
Machined Dimensions: Tolerances required UNO.				
≤30 ±0.2	>30 - ≤100 ±0.3	>100 - ≤300 ±0.5	>300 - ≤1000 ±0.8	>1000 - ≤2000 ±1.2
Structural Components: Tolerances required UNO.				
≤1000 ±1	>1000 - ≤2000 ±2	>2000 - ≤3000 ±3	>3000 - ≤6000 ±4	>6000 - ≤9000 ±5
 FAVELLE FAVCO CRANES PTY. LTD, Australia A.B.N. 29 067 562 449 A subsidiary of FAVELLE FAVCO BERHAD A member of MUHIBBAH ENGINEERING BHD				
Title MK760L LOAD CHART-36.6M TO 64.2M BOOM (1FALL)				
Drawn EAZ	Draft Checked NW	Eng Checked NW	Approved JPD	Scale: NTS
Weight -		First Used On S/No. 2198-2199	Drawing Number A2170-1320	
Sheet: 1 OF 1				

470

REFER NOTE 3

6 TYP.

R6 TYP.

6 TYP.

MK760L LOAD CHART

S/No.

28 TONNE WINCH - MAIN HOIST 2 FALL

225

BOOM LENGTH (METRES)	MINIMUM RADIUS (METRES)	SAFE WORKING LOAD AT MIN. RADIUS (TONNES)	RADIUS (METRES) AND SAFE WORKING LOAD (TONNES)																				MAXIMUM RADIUS (METRES)	SAFE WORKING LOAD AT MAXIMUM RADIUS (TONNES)		
			7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0			57.5	60.0
	ANGLE	86.0°	84.5°	82.2°	80.0°	77.7°	75.4°	73.0°	70.6°	68.2°	65.8°	63.3°	60.7°	58.1°	55.4°	52.6°	49.7°	46.6°	43.4°	40.0°	36.3°	32.2°	27.6°	22.1°	ANGLE	15.0°
64.2	5.8	44.8	43.1	41.0	39.1	36.6	34.2	32.1	30.2	28.4	26.8	25.2	23.6	22.1	20.0	18.2	16.5	15.1	13.8	12.6	11.6	10.7	9.9	9.1	62.4	8.4
	ANGLE	86.0°	84.1°	81.6°	79.2°	76.7°	74.2°	71.6°	69.1°	66.4°	63.8°	61.0°	58.2°	55.3°	52.2°	49.1°	45.7°	42.2°	38.4°	34.2°	29.5°	24.0°	16.8°	ANGLE	15.0°	
59.6	5.5	56.0	56.0	49.2	46.6	43.5	40.7	38.1	35.6	33.4	31.3	28.2	25.3	22.8	20.7	18.9	17.2	15.8	14.5	13.3	12.3	11.4	10.6	58.0	10.4	
	ANGLE	86.0°	83.6°	80.9°	78.2°	75.5°	72.8°	70.0°	67.2°	64.3°	61.3°	58.3°	55.1°	51.8°	48.3°	44.7°	40.7°	36.4°	31.6°	26.0°	18.9°	ANGLE	15.0°			
55.0	5.2	56.0	56.0	56.0	56.0	56.0	56.0	46.2	40.7	35.8	31.7	28.3	25.5	23.1	21.0	19.2	17.6	16.2	14.9	13.8	12.9	53.5	12.5			
	ANGLE	86.0°	83.0°	80.1°	77.1°	74.2°	71.2°	68.1°	64.9°	61.7°	58.4°	54.9°	51.3°	47.5°	43.4°	38.9°	34.0°	28.3°	21.2°	ANGLE	15.0°					
50.4	4.9	56.0	56.0	56.0	56.0	56.0	56.0	48.9	42.5	37.3	33.1	29.6	26.6	24.1	22.0	20.1	18.5	17.0	15.8	49.1	15.0					
	ANGLE	86.0°	82.3°	79.1°	75.8°	72.5°	69.2°	65.7°	62.2°	58.5°	54.7°	50.7°	46.4°	41.8°	36.7°	30.8°	23.6°	ANGLE	15.0°							
45.8	4.6	56.0	56.0	56.0	56.0	56.0	56.0	49.6	43.1	38.0	33.7	30.2	27.3	24.8	22.6	20.7	19.1	44.6	17.6							
	ANGLE	86.0°	81.4°	77.8°	74.2°	70.5°	66.7°	62.7°	58.7°	54.4°	49.9°	45.0°	39.7°	33.7°	26.4°	16.1°	ANGLE	15.0°								
41.2	4.2	56.0	56.0	56.0	56.0	56.0	56.0	54.0	43.9	38.7	34.4	30.9	27.9	25.4	23.3	21.4	40.2	21.0								
	ANGLE	86.0°	80.3°	76.2°	72.1°	67.8°	63.4°	58.9°	54.1°	48.9°	43.3°	37.0°	29.5°	19.4°	ANGLE	15.0°										
36.6	3.9	56.0	56.0	56.0	56.0	56.0	56.0	54.8	44.5	39.3	35.1	31.5	28.6	26.1	35.8	24.6										

MAX. HOOK WEIGHT IS 2.029 TONNE.
THIS WEIGHT DOES NOT NEED TO BE SUBTRACTED FROM SWL
MAX. OPERATING WIND SPEED 20 m/s

A2170-1321 REV. A

4 - Ø4 HOLES

DETAIL ITEM-1


REFER DXF A2170-1321-001A

Material List

Cat.	Item	Qty	Description	Length	Material	kg
	1	1	PL 1.5 x 225	470	WHITE TRAFFOLYTE	-

NOTES

1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
2. MATERIAL IS ALUMINIUM WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.
3. REFER TO WORKS ORDER FOR S/No.

20/03/18	ORIGINAL ISSUE			A
Date	Description	ECN Number	Rev	
TOLERANCES				
Machined Dimensions: Tolerances required UNO.				
≤30 ±0.2	>30 - ≤100 ±0.3	>100 - ≤300 ±0.5	>300 - ≤1000 ±0.8	>1000 - ≤2000 ±1.2
Structural Components: Tolerances required UNO.				
≤1000 ±1	>1000 - ≤2000 ±2	>2000 - ≤3000 ±3	>3000 - ≤6000 ±4	>6000 - ≤9000 ±5
 FAVELLE FAVCO CRANES PTY. LTD, Australia A.B.N. 29 067 562 449 A subsidiary of FAVELLE FAVCO BERHAD A member of MUHIBBAH ENGINEERING BHD				
Title MK760L LOAD CHART-36.6M TO 64.2M BOOM (2FALL)				
Drawn EAZ	Draft Checked NW	Eng Checked NW	Approved JPD	Scale: NTS
Weight -		First Used On S/No. 2198-2199	Drawing Number A2170-1321	
Sheet: 1 OF 1				

470

REFER NOTE 3

6 TYP.

R6 TYP.

6 TYP.

MK760L LOAD CHART

S/No.

28 TONNE WINCH - MAIN HOIST 3 FALL

225

BOOM LENGTH (METRES)	MINIMUM RADIUS (METRES)	SAFE WORKING LOAD AT MIN. RADIUS (TONNES)	RADIUS (METRES) AND SAFE WORKING LOAD (TONNES)																				MAXIMUM RADIUS (METRES)	SAFE WORKING LOAD AT MAXIMUM RADIUS (TONNES)		
			7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0			57.5	60.0
	ANGLE	85.3°	84.3°	82.1°	79.8°	77.5°	75.2°	72.9°	70.5°	68.1°	65.7°	63.2°	60.7°	58.0°	55.3°	52.6°	49.7°	46.6°	43.4°	40.0°	36.3°	32.3°	27.7°	22.3°	ANGLE	15.0°
64.2	6.5	46.2	44.5	42.3	40.2	37.6	35.1	32.9	30.9	29.6	28.8	27.1	24.2	21.7	19.6	17.7	16.1	14.6	13.3	12.2	11.0	10.2	9.4	8.7	62.5	8.1
	ANGLE	85.2°	83.9°	81.5°	79.0°	76.5°	74.0°	71.5°	68.9°	66.3°	63.7°	60.9°	58.1°	55.2°	52.2°	49.0°	45.7°	42.2°	38.4°	34.3°	29.6°	24.2°	17.0°	ANGLE	15.0°	
59.6	6.1	56.4	53.9	51.2	48.4	45.1	42.1	39.5	37.6	35.7	31.5	27.9	25.0	22.5	20.3	18.4	16.8	15.3	14.0	12.9	11.8	11.0	10.2	58.1	10.0	
	ANGLE	85.2°	83.4°	80.7°	78.1°	75.4°	72.7°	69.9°	67.1°	64.2°	61.2°	58.2°	55.0°	51.8°	48.3°	44.7°	40.8°	36.5°	31.7°	26.2°	19.2°	ANGLE	15.0°			
55.0	5.7	64.0	64.0	61.3	57.4	53.5	49.7	46.3	41.6	36.3	32.1	28.5	25.4	23.0	20.9	19.0	17.3	15.9	14.6	13.5	12.5	53.6	12.0			
	ANGLE	85.2°	82.8°	79.9°	77.0°	74.0°	71.0°	68.0°	64.8°	61.6°	58.3°	54.9°	51.2°	47.4°	43.4°	39.0°	34.1°	28.4°	21.4°	ANGLE	15.0°					
50.4	5.3	64.0	64.0	64.0	61.9	57.1	49.1	42.5	37.3	33.0	29.4	26.4	23.9	21.7	19.8	18.2	16.7	15.5	49.2	14.6						
	ANGLE	85.2°	82.0°	78.8°	75.6°	72.3°	69.0°	65.6°	62.1°	58.4°	54.6°	50.6°	46.4°	41.8°	36.7°	30.9°	23.9°	ANGLE	15.0°							
45.8	4.9	64.0	64.0	64.0	64.0	64.0	58.4	49.9	43.3	38.0	33.7	30.1	27.1	24.5	22.4	20.5	18.9	44.7	17.5							
	ANGLE	85.2°	81.1°	77.6°	74.0°	70.3°	66.5°	62.6°	58.6°	54.3°	49.9°	45.0°	39.8°	33.8°	26.6°	16.5°	ANGLE	15.0°								
41.2	4.6	64.0	64.0	64.0	64.0	64.0	59.2	50.7	44.0	38.7	34.4	30.8	27.8	25.3	23.1	21.3	40.3	20.6								
	ANGLE	85.2°	80.0°	76.0°	71.9°	67.7°	63.3°	58.8°	54.0°	48.9°	43.3°	37.1°	29.7°	19.8°	ANGLE	15.0°										
36.6	4.2	64.0	64.0	64.0	64.0	64.0	60.0	51.4	44.7	39.4	35.1	31.5	28.5	26.0	35.8	24.2										

MAX. HOOK WEIGHT IS 2.029 TONNE.
THIS WEIGHT DOES NOT NEED TO BE SUBTRACTED FROM SWL
MAX. OPERATING WIND SPEED 20 m/s

A2170-1322 REV. A

4 - Ø4 HOLES

DETAIL ITEM-1


REFER DXF A2170-1322-001A

Material List

Cat.	Item	Qty	Description	Length	Material	kg
	1	1	PL 1.5 x 225	470	WHITE TRAFFOLYTE	-

NOTES

1. CRANE LOAD CHART TO BE LOCATED IN DRIVERS CONTROL CABIN.
2. MATERIAL IS ALUMINIUM WITH 3.5mm & 5mm BLACK TEXT FOR EXTERNAL USE.
3. REFER TO WORKS ORDER FOR S/No.

20/03/18	ORIGINAL ISSUE			A
Date	Description	ECN Number	Rev	
TOLERANCES				
Machined Dimensions: Tolerances required UNO.				
≤30 ±0.2	>30 - ≤100 ±0.3	>100 - ≤300 ±0.5	>300 - ≤1000 ±0.8	>1000 - ≤2000 ±1.2
Structural Components: Tolerances required UNO.				
≤1000 ±1	>1000 - ≤2000 ±2	>2000 - ≤3000 ±3	>3000 - ≤6000 ±4	>6000 - ≤9000 ±5
 FAVELLE FAVCO CRANES PTY. LTD, Australia A.B.N. 29 067 562 449 A subsidiary of FAVELLE FAVCO BERHAD A member of MUHIBBAH ENGINEERING BHD				
Title MK760L LOAD CHART-36.6M TO 64.2M BOOM (3FALL)				
Drawn EAZ	Draft Checked NW	Eng Checked NW	Approved JPD	Scale: NTS
Weight -		First Used On S/No. 2198-2199	Drawing Number A2170-1322	
Sheet: 1 OF 1				