

AT 40

RATED CAPACITY CHART TRAVELLING - FALL BLOCK

Duty: 101

COUNTERWEIGHT: STANDARD
 POSITION: FRONT BODY

Rad	BOOM LENGTH - 3rd BOOM RETRACTED													3rd BOOM EXTENDING				Rad	
	7.23	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.83		
1.0	30600	30600	30600	30600	30600	30050												1.0	
	30600	30600	29300	25850	23200	21100													
	47	50	53	56	58	60													
2.0	30600	30600	30600	30600	30600	30600	30350	29450	28650									2.0	
	30600	28650	24450	21500	19300	17550	16150	14950	13900										
	34	37	42	46	49	52	55	57	59										
2.5	27200	27200	27300	27300	27350	27400	27400	27450	27450	26650								2.5	
	26200	26250	26300	26350	23950	21100	18900	17150	15750	13500									
	24750	24800	23250	20200	18050	16350	15050	13900	12950	11400									
3.0	25	30	36	41	45	48	51	53	55	59								3.0	
	22250	22300	22400	22450	22450	22500	22500	22550	22550	22600	22600								
	21450	21500	21550	21600	21650	20750	18500	16700	15250	13050	11400								
3.5	20200	20300	20350	19450	17150	15500	14150	13050	12150	10700	9600							3.5	
	11	20	29	35	40	43	47	49	52	56	59								
	21450	19550	18850	18900	18950	19000	19000	19050	19050	19100	19100	19150							
4.0	20650	18850	18150	18250	18250	18300	18300	16400	14900	12700	11050	9800						4.0	
	19500	17750	17150	17200	16650	14850	13500	12400	11500	10100	9050	8150							
	(3.1)	0	19	28	34	38	42	45	48	53	56	59							
5.0			16800	16300	16350	16350	16400	16400	16450	16450	16500	16500	16500					5.0	
			16150	15650	15700	15750	15800	15800	14700	12400	10750	9500	8550						
			15250	14750	14800	14500	13000	11900	11000	9600	8600	7750	7050						
6.0			0	19	27	33	37	41	44	49	53	57	60					6.0	
			14650	13000	12650	12700	12750	12750	12800	12800	12850	12900	13000						
			14100	12500	12200	12200	12250	12250	12150	10350	9100	8100	7350	6850					
7.0			13300	11750	11450	11500	11400	10350	8900	7850	7050	6400	5900	5600				7.0	
			(4.4)	0	17	25	31	35	42	47	51	55	57	60					
					11600	10450	10250	10300	10300	10350	10350	10400	10450	10550	10650				
8.0					11150	10050	9850	9900	9900	9950	8850	7800	7050	6550	6100			8.0	
					10450	9450	9250	9250	8450	7350	6550	5900	5450	5150	4900				
					(5.4)	0	17	24	34	40	45	49	53	55	58				
9.0							9500	8700	8550	8600	8600	8650	8650	8800	8900	9050		9.0	
							9100	8350	8200	8250	8250	7650	6850	6300	5850	5200			
							8550	7800	7700	7100	6200	5550	5050	4800	4550	4150			
10.0							(6.4)	0	23	32	39	44	48	51	54	58		10.0	
									7350	7250	7300	7300	7350	7450	7550	7700			
									7050	6950	7000	7000	6750	6150	5700	5050			
11.0									6600	6500	6000	5300	4800	4500	4250	3900		11.0	
									0	22	31	37	42	46	49	54			
									6300	6250	6300	6300	6450	6550	6700				
12.0									6050	6000	6000	6050	6100	5600	4900		12.0		
									5650	5600	5150	4600	4250	4000	3650				
									0	21	30	36	41	45	50				
13.0											5500	5450	5500	5600	5700	5850		13.0	
											5250	5200	5250	5350	5450	4800			
											4900	4850	4500	4100	3850	3450			
14.0													0	21	29	35	39	46	14.0
														4850	4800	4950	5050	5150	
														4600	4600	4700	4800	4750	
15.0														4250	4250	4100	3750	3300	15.0
														0	20	28	34	41	
														4300	4350	4450	4600	4600	
16.0														4100	4150	4250	4400	4400	16.0
														3800	3850	3700	3150	3150	
														0	19	27	37	37	
17.0															3900	4000	4100	4100	17.0
															3750	3800	3950	3950	
															3450	3500	3100	3100	
18.0															0	19	31	31	18.0
															3600	3700	3700	3700	
															3150	3100	3100	3100	
19.83															0	25	25	25	19.83
															3350	3350	3350	3350	
															2950	2950	2950	2950	

WINCH RATED CAPACITY

2 PARTS	8750
4 PARTS	17500
6 PARTS	26250
7 PARTS	30625

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

12800	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
9100	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
7050	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
51	BOOM ANGLE		
(3.1)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.