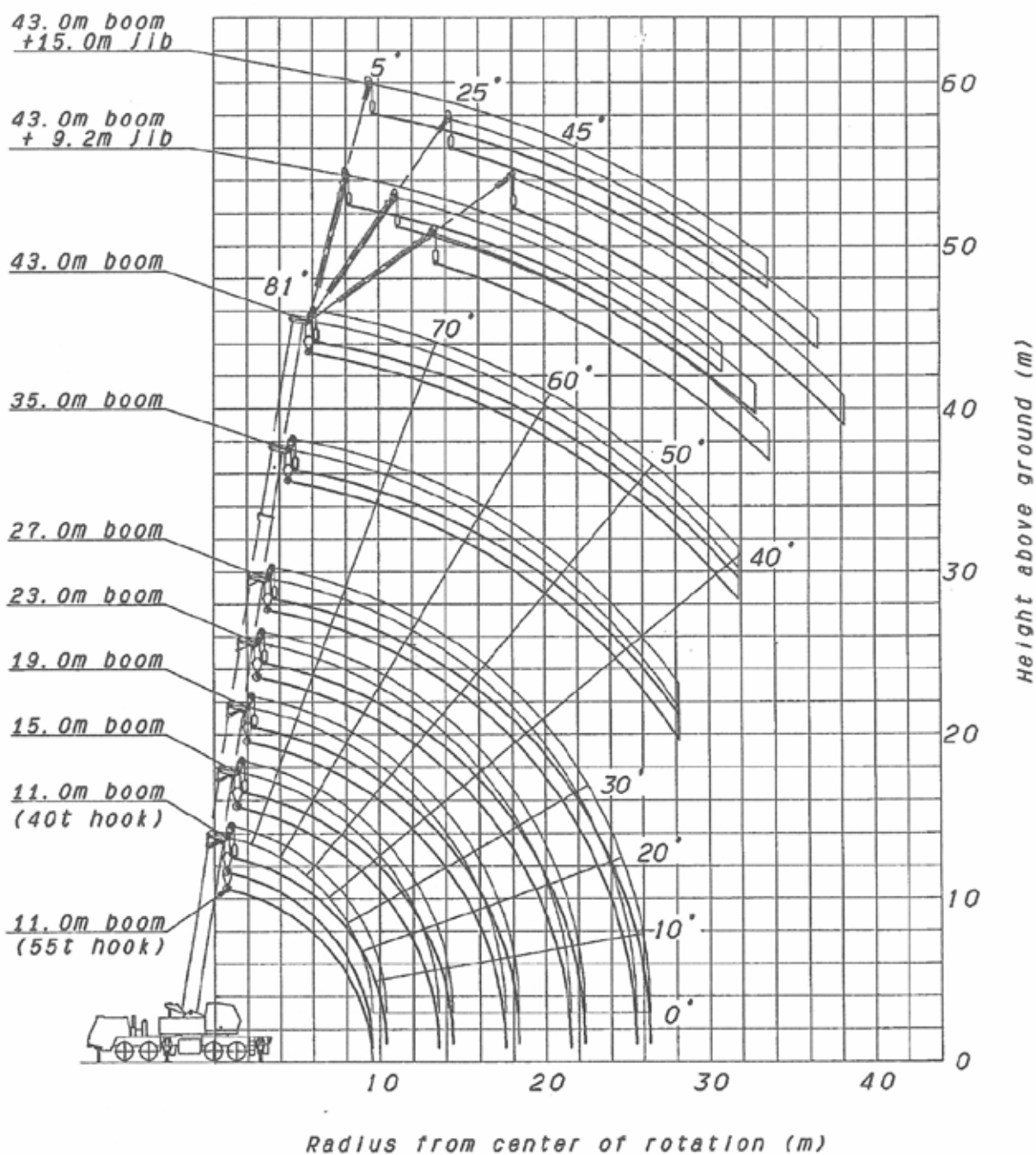


KATO NK 550VR 55T CRANE

WORKING RANGE



KATO NK 550VR 55T CRANE

RATED LIFTING CAPACITY

Based on ISO 4305

Note : Front jack is optional.

Outriggers fully extended with front jack - 360° full range								
Outriggers fully extended without front jack - over side and over rear								
Working radius (m)	11.0m Boom	11.0m Boom	15.0m Boom	19.0m Boom	23.0m Boom	27.0m Boom	35.0m Boom	43.0m Boom
3.0	55.00	40.00	28.00	28.00	24.00			
3.5	43.70	40.00	28.00	28.00	24.00			
4.0	38.50	38.50	28.00	28.00	24.00	20.00		
4.5	34.20	34.20	28.00	28.00	24.00	20.00		
5.0	30.80	30.80	28.00	28.00	24.00	20.00	14.00	
5.5	27.80	27.80	27.40	27.20	24.00	20.00	14.00	
6.0	25.40	25.40	25.00	24.80	24.00	20.00	14.00	
6.5	23.20	23.20	22.80	22.60	22.50	20.00	14.00	8.00
7.0	21.40	21.40	21.00	20.80	20.60	19.60	14.00	8.00
7.5	19.70	19.70	19.30	19.10	19.00	18.00	14.00	8.00
8.0	17.90	17.90	17.75	17.50	17.30	17.25	14.00	8.00
8.5	16.20	16.20	15.90	15.70	15.50	15.45	13.80	8.00
9.0	14.60	14.60	14.40	14.15	14.00	13.90	13.60	8.00
10.0			11.90	11.65	11.50	11.45	12.30	8.00
11.0			10.00	9.75	9.60	9.50	10.40	7.80
12.0			8.40	8.15	8.10	8.00	8.85	7.10
13.0			7.15	6.90	6.80	6.75	7.55	6.65
14.0				5.90	5.80	5.75	6.50	6.15
16.0				4.30	4.20	4.10	4.95	5.35
18.0					3.00	2.95	3.75	4.20
20.0					2.10	2.05	2.80	3.30
22.0						1.30	2.10	2.55
24.0						0.75	1.50	2.00
26.0							1.05	1.50
28.0							0.65	1.05
30.0								0.70
31.0								0.50
Standard hook	for 40 ton + sub hook sheave	for 40 ton				for 20 ton		
Hook mass	450 + 150 kg	450 kg				320 kg		
Parts of line	14	10	8	8	6	5	4	4
Critical boom angle	-	-	-	-	-	-	33°	40°

(Unit : Metric ton)

KATO NK 550VR 55T CRANE

Spec. No. 42124005

Based on ISO 4305

Outriggers fully extended with front jack - 360° full range Outriggers fully extended without front jack - over side and over rear						
Boom angle (°)	43m Boom + 9.2m Jib					
	Offset 5°		Offset 25°		Offset 45°	
	Working radius (m)	Load (t)	Working radius (m)	Load (t)	Working radius (m)	Load (t)
81.0	10.00	3.50	12.75	2.30	14.60	1.25
80.0	11.05	3.50	13.70	2.30	15.45	1.25
79.0	12.05	3.48	14.65	2.30	16.30	1.24
78.0	13.00	3.40	15.60	2.25	17.20	1.23
77.0	13.90	3.23	16.50	2.19	18.05	1.21
76.0	14.85	3.04	17.40	2.12	18.90	1.19
75.0	15.75	2.90	18.25	2.06	19.75	1.17
74.0	16.70	2.75	19.15	1.99	20.55	1.16
72.0	18.50	2.49	20.90	1.85	22.25	1.12
70.0	20.15	2.28	22.60	1.73	23.90	1.09
68.0	21.85	2.09	24.20	1.62	25.40	1.06
66.0	23.55	1.91	25.80	1.53	26.85	1.04
64.0	25.05	1.68	27.40	1.43	28.35	1.02
62.0	26.55	1.41	28.85	1.24	29.85	1.00
60.0	28.00	1.13	30.20	1.00	31.15	0.85
59.0	28.75	1.00	30.85	0.89	31.80	0.77
58.0	29.45	0.86	31.50	0.77	32.45	0.69
57.0	30.20	0.73	32.20	0.66	33.05	0.61
56.0	30.85	0.63	32.85	0.56	33.70	0.53
Standard hook	for 4 ton					
Hook mass	120 kg					
Parts of line	1					
Critical boom angle	55°					

(Unit : Metric ton)

KATO NK 550VR 55T CRANE

Spec. No. 42124005

Based on ISO 4305

Outriggers fully extended with front jack - 360° full range						
Outriggers fully extended without front jack - over side and over rear						
Boom angle (°)	43m Boom + 15m Jib					
	Offset 5°		Offset 25°		Offset 45°	
	Working radius (m)	Load (t)	Working radius (m)	Load (t)	Working radius (m)	Load (t)
81.0	11.75	2.50	16.20	1.20	19.40	0.70
80.0	12.95	2.50	17.20	1.20	20.35	0.69
79.0	14.10	2.49	18.15	1.19	21.25	0.69
78.0	15.10	2.45	19.10	1.17	22.15	0.68
77.0	16.20	2.30	20.10	1.15	23.05	0.67
76.0	17.25	2.17	21.10	1.12	24.00	0.67
75.0	18.25	2.06	22.15	1.10	24.85	0.65
74.0	19.20	1.95	23.15	1.07	25.70	0.64
72.0	21.10	1.76	25.05	1.02	27.45	0.62
70.0	23.00	1.59	26.80	0.97	29.10	0.61
68.0	24.90	1.47	28.60	0.93	30.65	0.59
66.0	26.75	1.35	30.30	0.90	32.25	0.58
64.0	28.60	1.24	32.00	0.87	33.80	0.57
62.0	30.40	1.10	33.70	0.84	35.30	0.56
60.0	32.00	0.87	35.25	0.72	36.75	0.55
59.0	32.80	0.76	36.00	0.66	37.45	0.55
58.0	33.60	0.64	36.60	0.58	38.20	0.54
Standard hook	for 4 ton					
Hook mass	120 kg					
Parts of line	1					
Critical boom angle	57°					

(Unit : Metric ton)

KATO NK 550VR 55T CRANE

Spec. No. 42124005

KATO FULLY HYDRAULIC TRUCK CRANE MODEL NK-550VR
(CARRIER : NISSAN DIESEL KG48U)

