

“SANEI” DUMBWAITER TRACTION MACHINE DUTY TABLE FOR DUMBWAITER

Load (KG)	Speed (M/Min)	Machine Type	Gear Ratio	Main Sheave	Motor (KW)	Roping
50	20	SK50-2	1/56	240x6x2	0.4	1:1
	25	SK50-2	1/44	240x6x2	0.4	1:1
	30	SK50-2	1/44	285x6x2	0.4	1:1
100	20	SK100-2A	1/57	250x6x2	0.75	1:1
	25	SK100-2A	1/45	250x6x2	0.75	1:1
	30	SK100-2A	1/45	300x6x2	1.5	1:1
150	20	SK100-2AS	1/70	320x8x2	0.75	1:1
	25	SK100-2AS	1/57	320x8x2	0.75	1:1
	30	SK100-2AS	1/45	320x8x2	1.5	1:1
200	20	SK200-2A	1/70	320x8x2	1.5	1:1
	25	SK200-2A	1/60	320x8x2	1.5	1:1
	30	SK200-2A	1/60	400x8x2	1.5	1:1
	40	SK200-2A	1/37	320x8x2	1.5	1:1
	50	SK200-2A	1/37	400x8x2	1.5	1:1
300	20	SK300-2A	1/70	320x8x2	2.2	1:1
	25	SK300-2A	1/60	320x8x2	2.2	1:1
	30	SK300-2A	1/60	400x8x2	2.2	1:1
	40	SK300-2A	1/37	320x8x2	2.2	1:1
	50	SK300-2A	1/37	400x8x2	2.2	1:1
400	20	SK400-2A	1/70	320x10x3	3.7	1:1
	25	SK400-2A	1/60	320x10x3	3.7	1:1
	30	SK400-2A	1/60	400x10x3	3.7	1:1
	40	SK400-2A	1/37	320x10x3	3.7	1:1
	50	SK400-2A	1/37	400x10x3	3.7	1:1

MAXIMUM SHAFT LOAD DATA

M/C Type	SK50-2	SK100-2A	SK100-2AS	SK200-2A	SK300-2A	SK400-2A
Max. Shaft Load	400 Kg.	750 Kg.	900 Kg.	1000 Kg.	1000 Kg.	1800 Kg.

MAXIMUM SHAFT LOAD FORMULA :

CS = P+Q+CWT+SR+TR+CC (ROPING 1:1)

CS = {P+Q+CWT+SR+TR+CC}÷2 (ROPING 2:1)

CS = Max. Shaft load, P = Mass of the car, Q = Load capacity, CWT = Mass of counterweight, SR = Mass of wire rope
TR = Mass of traveling cable, CC = Mass of compensate chain