



SYSTEM 21 - ROPE SPECIFICATIONS

Circ. GT, PA, PJ, Assembly, Owner Documentation

Model	Kg				Tonnes		No. of ropes	#Rope specification	Safety factor (min.)	Pulley Ø (mm)	Eyebolt	Rope Termination (Ram Stump)
	*Max car & sling	Load	Total	Load per rope	Min. breaking load							
6P	720	450	1170	293	5.11T	4	Ø10 6x19 Warr F/C 1770 N/mm ²	21.57	400	M16	10mm Rope Grips, see TD6008/TD6013	
8P	805	630	1435	360	5.11T	4	Ø10 6x19 Warr F/C 1770 N/mm ²	17.59	400	M16	10mm Rope Grips, see TD6008/TD6013	
10P	840	800	1640	410	7.13T	4	Ø11 Drako 250H 8 strands + IWRC ST 1770 N/mm ²	20.36	450	M16	Wedge type 11A see TD6010/TD6013	
13P	1000	1000	2000	500	7.13T	4	Ø11 Drako 250H 8 strands + IWRC ST 1770 N/mm ²	16.70	550	M16	Wedge type 11A see TD6010/TD6013	
16P	1100	1200	2300	575	9.88T	4	Ø13 Drako 250H 8 strands + IWRC ST 1770 N/mm ²	20.21	550	M20	13mm Rope Grips, see TD6014/TD6013	

Rope Length = 8.3m + Lift Travel (round up to nearest standard length)

*Maximum weight of car & sling refers to maximum possible weight of this particular model dependant on number of entrances and finishes available (e.g. through car with wallboards if applicable).

#All ropes are ordinary lay, right hand.