

ELECTRIC MOTOR WIRE SIZE CHART

BASED ON DISTANCE FROM SERVICE TO MOTOR

ELECTRIC WIRE SIZE REQUIREMENTS FOR CORRECT STRAIGHT-LINE HOIST OPERATION

	HP	AMPS		50 FT.		100 FT.		200 FT.		300 FT.		400 FT.	
		115v	230v	115v	230v	115v	230v	115v	230v	115v	230v	115v	230v
SINGLE MOTOR	3/4	10.8	5.4	#14	#14	#10	#14	#8	#12	#6	#12	#4	#10
	1	12.8	6.4	#12	#14	#10	#14	#6	#12	#4	#12	#4	#10
	1 1/2	17.0	8.5	#12	#14	#8	#12	#6	#10	#4	#10	#2	#8
DUAL MOTORS	3/4	21.6	10.8	#10	#12	#8	#12	#4	#10	#2	#8		#6
	1	25.6	12.8	#8	#10	#8	#10	#4	#10	#2	#6		#4
	1 1/2	34.0	17.0	#8	#10	#6	#10	#2	#8	#0	#4		#2