

WIRE SIZE CHART FOR ELECTRIC MOTORS BASED ON DISTANCE FROM SERVICE TO MOTOR

WIRE REQUIREMENTS THAT ENABLE THE BH-USA HOIST TO OPERATE CORRECTLY WHEN LIFTING STRAIGHT LINE:

NUMBER OF MOTORS	HP	AMPS TO RUN 115V	AMPS TO RUN 230V	50 FT AT 115V	50 FT AT 230V	100 FT AT 115V	100 FT AT 230V	200 FT AT 115V	200 FT AT 230V	300 FT AT 115V	300 FT AT 230V	400 FT AT 115V	400 FT AT 230V
1	3/4	10.8	5.4	#14	#14	#10	#14	#8	#12	#6	#12	#4	#10
1	1	12.8	6.4	#12	#14	#10	#14	#6	#12	#4	#12	#4	#10
1	1.5	17.0	8.5	#12	#14	#8	#12	#6	#10	#4	#10	#2	#8
2	3/4	21.6	10.8	#10	#12	#8	#12	#4	#10	#2	#8	XX	#6
2	1	25.6	12.8	#8	#10	#8	#10	#4	#10	#2	#6	XX	#4
2	1.5	34.0	17.0	#8	#10	#6	#10	#2	#8	#0	#4	XX	#2