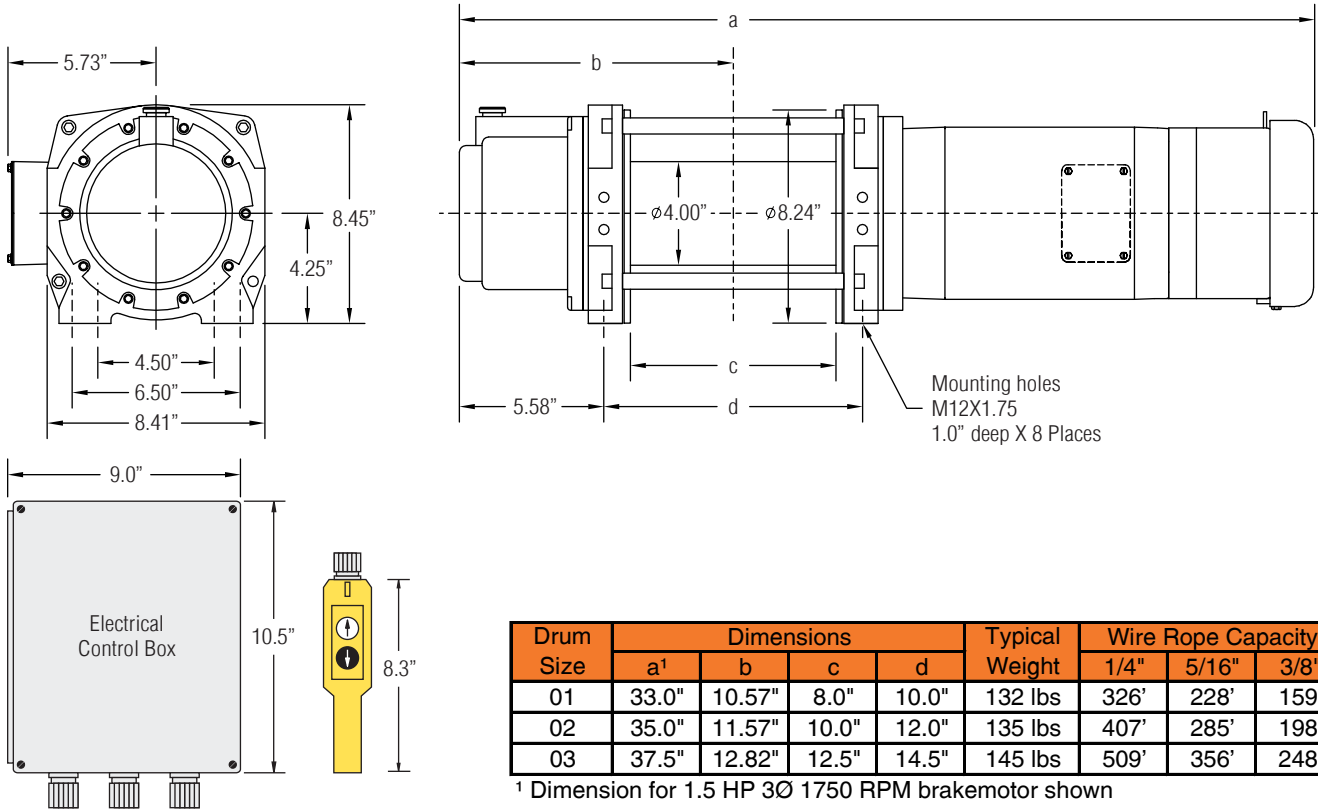


CAUTION: The final determination as to the suitability of this product for any purpose is solely that of the user. Columbia products are not to be used to lift people or to lift anything over people.

DIMENSIONAL DATA



PERFORMANCE

Model	Motor		Power Input		Gear Ratio	Line Pull • Line Speed (Calculated)		
	HP	RPM	Voltage	Ø		First Layer	Mean Drum	Full Drum
HF2300	1.0	1725	115/230	1Ø	164:1	2300 lbs • 12 fpm	1665 lbs • 16 fpm	1354 lbs • 19 fpm
			230/460	3Ø				
HF2300 ²	1.0	3450	115/230	1Ø	164:1	1150 lbs • 24 fpm	835 lbs • 31 fpm	680 lbs • 38 fpm
			230/460	3Ø				
HF3500	1.5	1725	115/230	1Ø	164:1	3500 lbs • 12 fpm	2500 lbs • 16 fpm	2035 lbs • 19 fpm
			230/460	3Ø				
HF3500 ²	1.5	3450	115/230	1Ø	164:1	1750 lbs • 24 fpm	1225 lbs • 31 fpm	1018 lbs • 38 fpm
			230/460	3Ø				
HF4700	2.0	1725	230	1Ø	164:1	4700 lbs • 12 fpm	3330 lbs • 16 fpm	2710 lbs • 19 fpm
			230/460	3Ø				
HF4700 ²	2.0	3450	230	1Ø	164:1	2350 lbs • 24 fpm	1665 lbs • 31 fpm	1355 lbs • 38 fpm
			230/460	3Ø				

² Designates high speed motor model
Performance based on intermittent duty cycles.

Columbia winches and hoists are available for AC, DC, hydraulic or pneumatic power sources. Special models for any application can be supplied - please contact your distributor for details.

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