UltraDrive™
HIGH SPEED MOTOR

Proper Installation

Improperly hung motors may result in excessive operator effort, decreased mobility, and loss of efficiency.

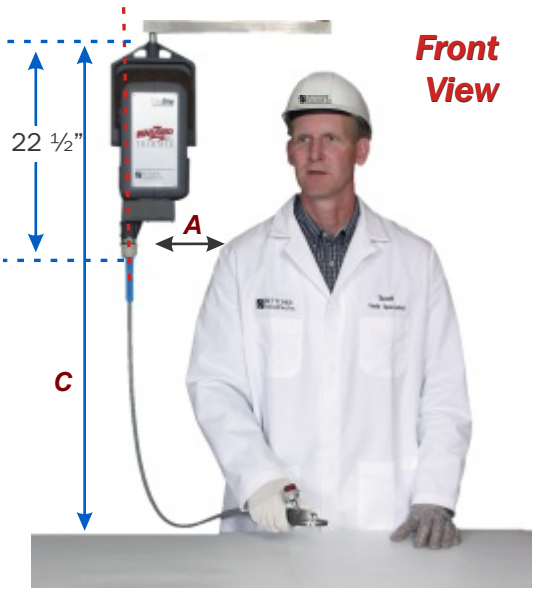
Correct motor installation and placement are extremely important to achieve optimum efficiency for the motor, flexshaft and casing, as well as the operator. Improper installation may hamper the operators movements and cause accelerated wear to flexshafts, casings, and motor adapters.

A ¾" diameter pipe should be fastened to an overhead beam with the pipe centerline 12'' to the right of the shoulder for a right-handed operator, or, 12" from the left shoulder of a left-handed operator. The pipe should be long enough to position the yoke as shown in chart. Mounting height will vary depending on the height of the work surface. Care should be taken to avoid severe bends or kinking the casing.

Important: The yoke should be rigidly mounted and parallel to the workstation. It is strongly recommended that a safety cable or chain be installed around or through the motor yoke and fixed to the over head rail.

The Ultra*Drive* yoke has an opening on either side to serve as an attachment point. Keep in mind the cable or chain should not interfere with the movement of the motor, but should be strong enough to restrain the unit in case of primary attachment failure.

See Operation and Maintenance Manual for complete motor installation information.



A = *Distance offset from shoulder.*
B = *Distance behind work surface.*
C = *Distance above work surface.*

Small Diameter Casings	**Length**	***A***	***B***	***C***
Short	48"	12"	12"	49 ½"
Long	60"	12"	12"	61 ½"
Extra Long	84"	12"	12"*	61 ½"*

Large Diameter Casings	**Length**	***A***	***B***	***C***
Long	60"	12"	15"	63 ½"
Extra Long	84"	12"	15"*	63 ½"*

*Application dependent, distance can be adjusted as needed.

Motor Specifications
Model 173271 115 VAC /1 Phase/60 Hz 5.2 Full Load Amps
Model 173272 230 VAC /1 Phase/50-60 Hz 2.5 Full Load Amps
Weight 35 lbs (15.99 kg)
Overall Size: 12" (305mm) Wide x 9 ¼" (235mm) Deep x 22 ½" (572mm) Long

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