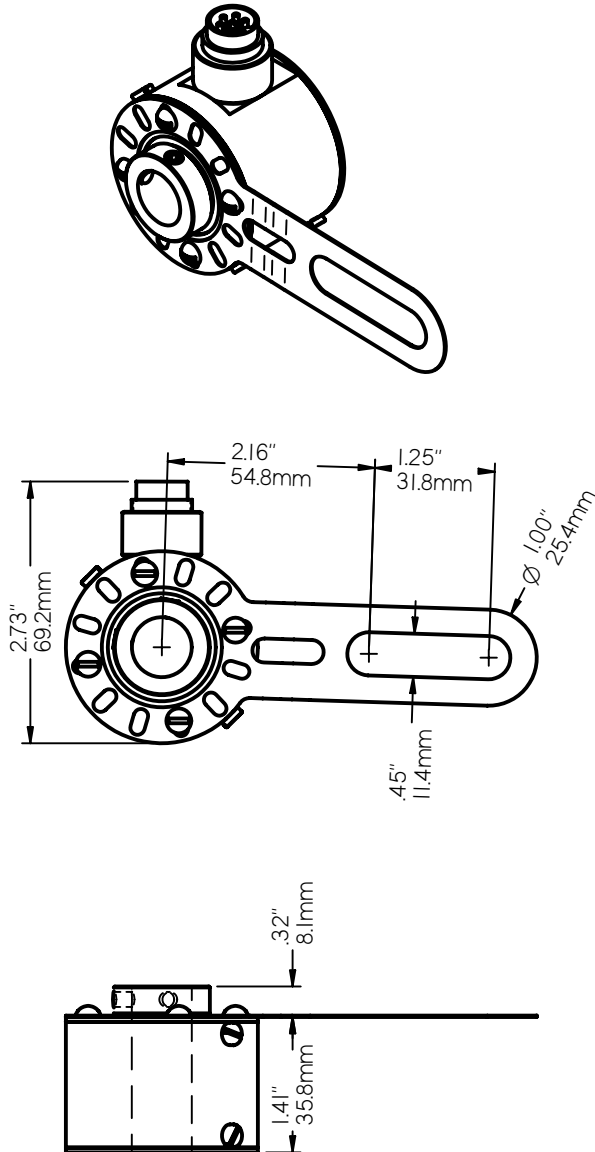


MB-FB2A

Flexible Mounting Tether

DIMENSIONS

Shown with HS20 hollow shaft encoder. Also fits the R20, RG and RL shaft encoders.



DESCRIPTION

Designed to tether the HS20 hollow shaft encoder and prevent it from rotating without rigidly attaching it to the motor frame. It also fits the R20, RG and RL shaft encoders. Ideally the tether is held in position by placing a pin parallel to the motor shaft through the tether's slot and fastening the pin to the motor frame. The pin prevents the encoder from rotating, and allows it to float on the motor shaft.

The MB-FB2A is made of .015" (.38mm) thick stainless steel that flexes to accommodate the axial misalignment between the rigidly coupled encoder/motor shafts and the motor mount. Failure to use a flexible mounting such as this can significantly reduce the life of the encoder's bearings.

Also, see our other tethers:

- MB-FB2 - formed version of the MB-FB2A
- MB-FB2B - .125" thick rigid version of the MB-FB2A

INSTALLATION

1. Fasten the MB-FB2A tether to the face of the encoder using three or four 6-32 screws (supplied). Note: the RL uses 8-32 screws. The MB-FB2A mounting holes allow for the positioning of the tether in 30° increments.
2. Install a pin on the motor housing parallel to the motor shaft and 2.16" to 3.41" from the shaft center, such that it will engage the MB-FB2A slot when the encoder is installed.
3. Position the encoder onto the motor shaft placing the MB-FB2A slot over the pin previously installed.

ORDERING INFORMATION

Part No.: MB-FB2A
(includes all parts shown in the parts list)

PARTS LIST

Qty	Description	Part No.
1	MB-FB2A flexible tether	500-MSC010-F
4	6-32 x 3/16" RH screws	550-SCR202