

Selecting the Correct Size Ring



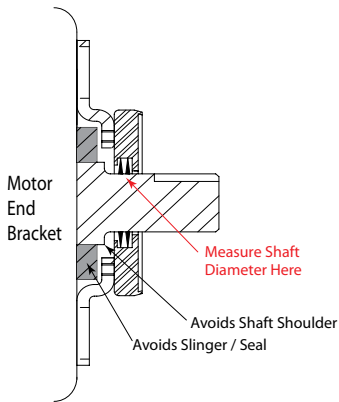
For standard NEMA or IEC frame motors, the AEGIS® uKIT is the best option. It avoids most shaft shoulders and slingers/seals.

AEGIS® uKit includes 4 different bracket sizes to suit most situations.



Question to ask: Does the motor have a shaft shoulder?

If **YES or NOT SURE**, then the AEGIS® uKIT is a great options because it avoids the shaft shoulder area, any slingers/seals or irregular shaped end bracket.

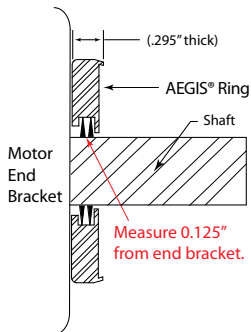


AEGIS® uKIT is be attached to motor with screws/washers provided or with conductive epoxy. AEGIS® EP2400 Conductive Epoxy sold separately.

See AEGIS® website for bolt hole circle and installation instructions.

See page 38 for more details.

If **NO**, the ring can be mounted directly to the end bracket using screws or conductive epoxy.



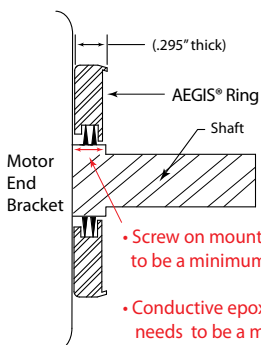
Measure shaft diameter at a point 0.125" from motor end bracket. Then refer to the parts list to locate the correct part number and mounting option of your choosing.



Example shaft measurement 0.445" fits between

Solid Ring with Conductive Epoxy	Split Ring* with Conductive Epoxy	Solid Ring Catalog Number	Split Ring* Catalog Number	Bolt Through* Catalog Number	Min. Shaft Diameter	Max. Shaft Diameter
SGR-9.0-0AW	SGR-9.0-0A4W	SGR-9.0-1	SGR-9.0-1A4	SGR-9.0-3FH	0.396	0.435
SGR-10.1-0AW	SGR-10.1-0A4W	SGR-10.1-1	SGR-10.1-1A4	SGR-10.1-3FH	0.436	0.480
SGR-11.2-0AW	SGR-11.2-0A4W	SGR-11.2-1	SGR-11.2-1A4	SGR-11.2-3FH	0.481	0.520

If **YES** and you want to mount the ring to fit the shaft shoulder then you need to measure the length of the shoulder. See note in red below. If still applicable, measure shaft shoulder diameter then refer to parts list (as shown above) to locate the correct SGR part number.



Custom Option for Short Shaft Shoulders: If the shaft shoulder is between .1875" and 0.375" we offer a custom part with fibers closer to the back of the ring. To order this option, add an "X" or "AX" to the suffix of the part.

Example:

Standard SGR
 PN: SGR-6.9-0A4W
 PN: SGR-6.9-0AW
 PN: SGR-6.9-1
 PN: SGR-6.9-1A4
 PN: SGR-6.9-3FH

Short Shoulder SGR
 PN: SGR-6.9-0A4WX
 PN: SGR-6.9-0AWX
 PN: SGR-6.9-1AX
 PN: SGR-6.9-1A4X
 PN: SGR-6.9-3FHAX

If the shoulder is less than 0.1875", then refer to the uKIT.

