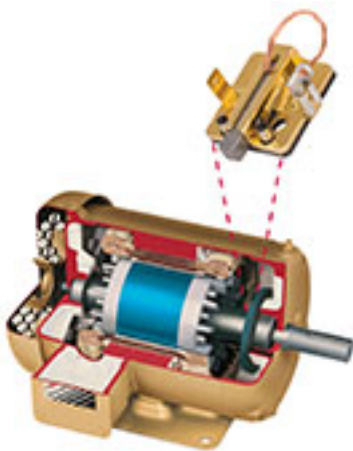


Electric Motor



Super-E Motors with company's shaft grounding brush are designed with a carbon brush mounted internally to divert shaft currents away from motor bearings, thus increasing the life of the bearings. Motors controlled by a drive can lead to common mode voltage, which can cause voltage spikes in the rotor. These spikes seek the path of least resistance, motor bearings, and can lead to premature bearing failure. The internally mounted shaft grounding brush can prevent voltage spikes from damaging bearings. Stock ratings available include 1 through 50 HP in Totally Enclosed Fan Cooled (TEFC) or Open Drip Proof (ODP) Foot Mounted designs along with 1/2 through 5 HP in TEFC, C-Face Foot Mounted designs.

Baldor Electric Company www.baldor.com [1]

Source URL (retrieved on 02/01/2015 - 4:14pm):

<http://www.foodmanufacturing.com/product-releases/2014/05/electric-motor>

Links:

[1] <http://www.baldor.com/>