

Super-E[®] Motors with AEGIS[®] Bearing Protection Ring



Applications:

Fan motors, pump motors, and other severe duty, washdown or general purpose applications using an adjustable speed drive.

Features:

- Off-the-shelf availability for quick shipment through the MOD-Express[®] department.
- NEMA Design B for line-start and inverter bypass capability
- Meet or exceed NEMA Premium[®] efficiencies
- Class F insulation with Inverter Spike Resistant insulation system - meets NEMA MG 1 Part 31.4.4.2 (Class H available on custom designs)
- Inverter Ready[™]
- 1.15 service factor with Class B temperature rise at rated horsepower (sine wave)
- Heavy duty frames with cast endplates, suitable for mounting in any position
- Dynamically balanced rotors for reduced vibration and quiet operation
- Ball bearings with Mobil Polyrex[®] EM grease.
- AEGIS[®] SGR guarantees the prevention of bearing damage caused by drive-induced currents
- Three year limited product warranty

**NEMA
Premium[®]**



BALDOR[®]

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Pump Motors

- Three Phase
- TEFC and ODP
- 1 Hp thru 50 Hp
- NEMA 143JM thru 326JP
- Foot Mounted or Footless



Washdown Motors

- Three Phase
- TEFC and TENV
- 1/2 Hp thru 20 Hp
- NEMA 56 thru 256T
- Foot Mounted, C-Face with or without base, or JM pump
- White, Paint-Free or Stainless



Severe Duty Motors

- Three Phase
- TEFC and TENV
- 1 Hp thru 400 Hp
- NEMA 143T thru L449T
- Also 575V
- Foot Mounted, C-Face with or without base
- ECP, Dirty Duty or Dirty Duty Autophoretic



General Purpose Motors

- Three Phase
- TEFC and ODP
- 1/2 Hp thru 300 Hp
- NEMA 56 thru 449T
- Foot Mounted, C-Face with or without base, or F-2 Mounting
- Also 200V or 575V

Most of these stock, off-the-shelf motors can be retrofitted with an AEGIS® Bearing Protection Ring in the Baldor Mod-Express® department. For custom modifications, please contact your local Baldor•Reliance Sales Representative.

Warranty

Baldor Electric Company's warranty covers manufacturing defects of our motor. Electro Static Technology covers the performance of the AEGIS® bearing protection ring with a separate warranty, as follows:

Electro Static Technology warrants that any new motor* will not fail from electrical bearing damage during the normal Baldor warranty period of the motor when the AEGIS® SGR Bearing Protection Ring is installed. If electrically induced fluting or heavy frosting damage occurs during the normal Baldor warranty period of the motor, Electro Static Technology will replace the motor bearings, subject to the terms and conditions of the AEGIS® SGR Guarantee Program.

* Complete details of the guarantee program (and motors covered) can be found at www.baldor.com/aegiswarranty.

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