



SERFILCO® BULLETIN

SPECIFICATIONS FOR STANDARD MOTORS FURNISHED WITH SERFILCO SERIES 'HE', 'EC', 'EO', 'EH', 'HB' & 'B' PUMPS

The above Series of **SERFILCO** motor mounted pumps are provided with continuous operation **CHEMICAL DUTY** motors as standard. Motors

include quality features specified by **SERFILCO** so we may furnish the best pump-motor package for your application. All motors include the following:

1. Cast iron end bell at both ends on 'EC' and 'EO'. Cast iron end bell at pump end on all others.
2. Cooling fan is chemical resistant plastic.
3. Ball bearings are double contact sealed and packed with Chevron #SRI high temperature grease for permanent lubrication.
4. Bearing at pump end is oversized to withstand radial thrust developed by pump and to provide long service life.
5. Steel conduit box with neoprene gasket at cover and frame to maintain clean and dry connections.
6. Condensate drain holes are plugged to seal against moisture and vapors on 'EC', 'EO', 'EH', 'HB' and 'B'.
7. Non-hydrophylic class F insulation and epoxy coated rotor and stator. Class B rise.
8. Liquid/vapor seal (Radial lip contacting oil seal) and slinger on pump end of vertical use motors to offer further resistance to entry of fumes and vapors.
9. Vertical pump motors have a tapped shaft, rather than rigid coupling, to provide optimum pump-motor shaft alignment and to maintain concentricity for long motor bearing and pump life.
10. 2 HP and larger have ribbed housing construction. Allows cooler running, even when installed above hot tanks.
11. Tri-voltage three phase motors, 208-230/460V offer wide range of operating voltage, $\pm 10\%$ as shown on nameplate and operate on 50 or 60 Hz.
12. All motors carry a 1.15 service factor.
13. Two part epoxy gray enamel (DuPont Corlar) applied over zinc chromate primer for a high gloss corrosion resistant finish. Interior of motor coated with rust inhibitor.
14. Stainless steel nameplate.
15. Optional bolt on feet for 1 to 7½ HP motors used on vertical pumps.

Refer to specific Product Bulletin for pump performance and features. All **SERFILCO** pumps are wet tested to verify that electrical and hydraulic performance meets specification.

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