

# EBM3554T-S - Specifications

| Property                       | Value  |
|--------------------------------|--|
| Catalog Number                 | EBM3554T-S                                     |
| Enclosure                      | TEFC   |
| Frame                          | 145TY  |
| Frame Material                 | Steel  |
| Frequency                      | 60.00 Hz                                       |
| Motor Letter Type              | Three Phase                                    |
| Output @ Frequency             | 1.500 HP @ 60 HZ                               |
| Phase                          | 3  |
| Synchronous Speed @ Frequency  | 1800 RPM @ 60 HZ                               |
| Voltage @ Frequency            | 460.0 V @ 60 HZ<br>230.0 V @ 60 HZ             |
| Haz Area Class and Group       | None   |
| Haz Area Division              | Not Applicable                                 |
| Agency Approvals               | NEMA PREMIUM<br>UKCA<br>WEEE<br>CURUSEEV<br>CE |
| Ambient Temperature            | 40 °C  |
| Auxillary Box                  | No Auxillary Box                               |
| Auxillary Box Lead Termination | None   |
| Base Indicator                 | Rigid  |
| Bearing Grease Type            | Polyrex EM (-20F +300F)                        |
| Blower                         | None   |
| Current @ Voltage              | 2.250 A @ 460.0 V<br>4.500 A @ 230.0 V         |
| Design Code                    | B  |
| Drip Cover                     | No Drip Cover                                  |
| Duty Rating                    | CONT   |
| Efficiency @ 100% Load         | 86.5 %   |
| Electrically Isolated Bearing  | Not Electrically Isolated                      |
| Feedback Device                | NO FEEDBACK                                    |
| High Voltage Full Load Amps    | 2.3 a  |
| Front Face Code                | Special Combinations Not Liste                 |

|                               |                     |
|-------------------------------|---------------------|
| Front Shaft Indicator         | None                |
| Heater Indicator              | No Heater           |
| Insulation Class              | F                   |
| Inverter Code                 | Inverter Ready      |
| KVA Code                      | M                   |
| Lifting Lugs                  | No Lifting Lugs     |
| Locked Bearing Indicator      | No Locked Bearing   |
| Motor Lead Exit               | Ko Box              |
| Motor Lead Termination        | Flying Leads        |
| Motor Lead Quantity/Wire Size | 9 @ 18 AWG          |
| Motor Type                    | 3526M               |
| Mounting Arrangement          | F3                  |
| Number of Poles               | 4                   |
| Overall Length                | 15.40 IN            |
| Power Factor                  | 73                  |
| Product Family                | General Purpose     |
| Pulley End Bearing Type       | Ball                |
| Pulley Face Code              | Standard            |
| Pulley Shaft Indicator        | Standard            |
| Rodent Screen                 | None                |
| Service Factor                | 1.15                |
| Shaft Diameter                | 0.875 IN            |
| Shaft Extension Location      | Pulley End          |
| Shaft Ground Indicator        | No Shaft Grounding  |
| Shaft Rotation                | Reversible          |
| Shaft Slinger Indicator       | No Slinger          |
| Speed                         | 1750 rpm            |
| Speed Code                    | Single Speed        |
| Motor Standards               | NEMA                |
| Starting Method               | Direct on line      |
| Thermal Device - Bearing      | None                |
| Thermal Device - Winding      | None                |
| Vibration Sensor Indicator    | No Vibration Sensor |
| Winding Thermal 1             | None                |
| Winding Thermal 2             | None                |