# IEEE 841 MOTOR

**HP**: 1–300 **Frame**: 143T–449T **RPM**: 3600/1800/1200
**Pole**: 2/4/6 **Volt**: 460V **Body**: T







## STANDARD FEATURES

- **TEFC IP 56 Protection**
- 40°C Ambient Temp. Rating
- Inverter Rated - 15:1 Constant Torque MG1 Part 31
- Complete Cast-Iron Construction
- 2-Part Epoxy Paint Protection
- **VPI with Tropicalization on Stator Windings**
- Dual Oversized Bearings on DE & ODE
- Labyrinth Seals Installed on DE & ODE
- **Felt Wiper on Inner Bearing Retainer**
- **Bearing Grease Chamber Pressure Relief Valve**
- **Stainless Steel Hardware**
- Regreasable Bearings
- **One-way Brass Condensation Drains**
- 1.25 Service Factor up to 50HP (1.15 for Larger Frames)
- C & D Flanges Available
- Meets IEEE 841 Standards / IEEE 45 Marine Duty
- **Class H Insulation**
- **Arc Arrestor Shaft Grounding Brush**
- 60 Month Warranty From Date of Shipment
- Class 1, Div 2, Groups A, B, C & D Certified



Labyrinth seals on both ends of motor

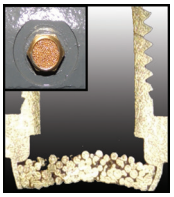


Class H - Silicone Lead wires with Fiberglass jacket protects leads from abrasion but remain flexible

ARC ARRESTOR

Internal Shaft Grounding





Sintered brass breathers allow condensation to leave motor but resist water intrustion



Grease pressure reliefs act to battle overgreasing

# MODEL AND LIST PRICES PRICE

| HP | Sync. Speed | Model Number | List Price | |
|---|---|---|---|---|
| | | | Rigid Base | C-Face |
| 1 | 3600 | SD3-143T-2-BR-E-1 | $1,294 | $1,455 |
| | 1800 | SD3-143T-4-BR-E-1 | $1,374 | $1,545 |
| | 1200 | SD3-145T-6-BR-E-1 | $1,503 | $1,667 |
| 1.5 | 3600 | SD3-143T-2-BR-E-1.5 | $1,361 | $1,522 |
| | 1800 | SD3-145T-4-BR-E-1.5 | $1,495 | $1,666 |
| | 1200 | SD3-182T-6-BR-E-1.5 | $2,039 | $2,419 |
| 2 | 3600 | SD3-145T-2-BR-E-2 | $1,508 | $1,669 |
| | 1800 | SD3-145T-4-BR-E-2 | $1,552 | $1,717 |
| | 1200 | SD3-184T-6-BR-E-2 | $2,263 | $2,624 |
| 3 | 3600 | SD3-182T-2-BR-E-3 | $1,997 | $2,317 |
| | 1800 | SD3-182T-4-BR-E-3 | $2,081 | $2,421 |
| | 1200 | SD3-213T-6-BR-E-3 | $2,764 | $3,172 |
| 5 | 3600 | SD3-184T-2-BR-E-5 | $2,189 | $2,509 |
| | 1800 | SD3-184T-4-BR-E-5 | $2,281 | $2,610 |
| | 1200 | SD3-215T-6-BR-E-5 | $3,603 | $4,011 |
| 7.5 | 3600 | SD3-213T-2-BR-E-7.5 | $3,076 | $3,484 |
| | 1800 | SD3-213T-4-BR-E-7.5 | $3,216 | $3,638 |
| | 1200 | SD3-254T-6-BR-E-7.5 | $5,046 | $5,564 |
| 10 | 3600 | SD3-215T-2-BR-E-10 | $3,527 | $3,935 |
| | 1800 | SD3-215T-4-BR-E-10 | $3,567 | $3,975 |
| | 1200 | SD3-256T-6-BR-E-10 | $6,191 | $6,679 |
| 15 | 3600 | SD3-254T-2-BR-E-15 | $4,828 | $5,261 |
| | 1800 | SD3-254T-4-BR-E-15 | $4,836 | $5,267 |
| | 1200 | SD3-284T-6-BR-E-15 | $7,741 | $8,372 |
| 20 | 3600 | SD3-256T-2-BR-E-20 | $5,610 | $6,043 |
| | 1800 | SD3-256T-4-BR-E-20 | $5,664 | $6,095 |
| | 1200 | SD3-286T-6-BR-E-20 | $8,849 | $9,479 |
| 25 | 3600 | SD3-284TS-2-BR-E-25 | $6,461 | $6,997 |
| | 1800 | SD3-284T-4-BR-E-25 | $7,212 | $7,804 |
| | 1200 | SD3-324T-6-BR-E-25 | $10,967 | $11,835 |
| 30 | 3600 | SD3-286TS-2-BR-E-30 | $7,726 | $8,262 |
| | 1800 | SD3-286T-4-BR-E-30 | $7,969 | $8,525 |
| | 1200 | SD3-326T-6-BR-E-30 | $12,711 | $13,579 |

| HP | Sync. Speed | Model Number | List Price | |
|---|---|---|---|---|
| | | | Rigid Base | C-Face |
| 40 | 3600 | SD3-324TS-2-BR-E-40 | $9,485 | $10,246 |
| | 1800 | SD3-324T-4-BR-E-40 | $9,729 | $10,489 |
| | 1200 | SD3-364T-6-BR-E-40 | $15,271 | $16,481 |
| 50 | 3600 | SD3-326TS-2-BR-E-50 | $11,183 | $11,944 |
| | 1800 | SD3-326T-4-BR-E-50 | $11,576 | $12,337 |
| | 1200 | SD3-365T-6-BR-E-50 | $19,141 | $20,350 |
| 60 | 3600 | SD3-364TS-2-BR-E-60 | $15,400 | $16,458 |
| | 1800 | SD3-364T-4-BR-E-60 | $15,421 | $16,479 |
| | 1200 | SD3-404T-6-RR-E-60 | $21,146 | |
| 75 | 3600 | SD3-365TS-2-BR-E-75 | $17,937 | $18,995 |
| | 1800 | SD3-365T-4-BR-E-75 | $18,248 | $19,306 |
| | 1800 | SD3-365T-4-RR-E-75 | $18,248 | $19,306 |
| | 1200 | SD3-405T-6-RR-E-75 | $22,936 | |
| 100 | 3600 | SD3-405TS-2-BR-E-100 | $21,815 | $23,141 |
| | 1800 | SD3-405T-4-BR-E-100 | $23,482 | $24,902 |
| | 1800 | SD3-405T-4-RR-E-100 | $23,482 | |
| | 1200 | SD3-444T-6-RR-E-100 | $33,281 | |
| 125 | 3600 | SD3-444TS-2-BR-E-125 | $35,775 | $37,577 |
| | 1800 | SD3-444T-4-BR-E-125 | $35,984 | $37,785 |
| | 1800 | SD3-444T-4-RR-E-125 | $35,984 | |
| | 1200 | SD3-445T-6-RR-E-125 | $36,773 | |
| 150 | 3600 | SD3-445TS-2-BR-E-150 | $43,020 | $44,472 |
| | 1800 | SD3-445T-4-BR-E-150 | $43,020 | $44,821 |
| | 1800 | SD3-445T-4-RR-E-150 | $42,673 | |
| | 1200 | SD3-447T-6-RR-E-150 | $42,907 | |
| 200 | 3600 | SD3-447TS-2-BR-E-200 | $51,295 | $53,097 |
| | 1800 | SD3-447T-4-BR-E-200 | $53,783 | $55,585 |
| | 1800 | SD3-447T-4-RR-E-200 | $53,783 | |
| | 1200 | SD3-449T-6-RR-E-200 | $58,107 | |
| 250 | 3600 | SD3-449TS-2-BR-E-250 | $58,207 | $60,526 |
| | 1800 | SD3-449T-4-BR-E-250 | $61,030 | $63,349 |
| | 1800 | SD3-449T-4-RR-E-250 | $61,030 | |
| 300 | 1800 | SD3-449T-4-BR-E-300 | $76,713 | $79,034 |
| | 1800 | SD3-449T-4-RR-E-300 | $76,713 | $79,034 |

Multiplier Code: SD