

HVAC SINGLE PHASE ODP



BSGS39, NEMA PREMIUM [SP/SPH]

Effective 07-08-18
Supersedes 03-24-17



APPLICATIONS:

- Fans
- Pumps
- Compressors
- Air Conditioning Blowers
- Heating
- Ventilation

FEATURES:

- Output Range: 1/4 - 3 HP
- Speed: 3600 & 1800 RPM
- Enclosure: Open Drip Proof (IP22)
- Voltage: 115/208/230V (Tri-Voltage)
- Single Phase, 60 Hz; 1.15 Service Factor for 115V & 230V or 1.0 Service Factor for 208V
- Capacitor Start, Capacitor Run
- Class F Insulation
- Automatic Reset Overload
- Class B Temperature Rise
- Designed for 40°C Ambient Temperature⁽¹⁾
- Designed for 3300 ft. Elevation⁽²⁾
- Bi-Directional Rotation
- Rolled Steel Frame
- Cast Aluminum Terminal Box
- 1045 Carbon Steel Shaft
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Lacquer Top Coat
- Paint Color: Blue - Munsell 5 PB 3/8
- Double Shielded Bearings Pre-Packed with Lithium Base Grease
- No Terminals; Lead End Peel-Off Insulation
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- Motors are UL Recognized for United States and Canada

EXTRAS/ OPTIONS:

Please refer to pages 147 - 154 for common modifications that can be performed.

Notes:

- (1) Consult a Stock Product Application Specialist for suitability in higher ambient environments.
- (2) Consult a Stock Product Application Specialist for suitability at higher elevations.
- (3) Motor subject to availability.

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| CATALOG NO. | HP | RPM | FRAME | FL EFF (%) | FL PF (%) | FL AMPS (230V) | APPROX. SHIPPING. WT. (lbs.) |
|-------------|-----|------|-------|------------|-----------|----------------|------------------------------|
| SP0/22 | 1/4 | 3600 | 48 | 66.0 | 90.0 | 1.31 | 25 |
| SPH0/22 | 1/4 | 3600 | 56 | 66.0 | 90.0 | 1.31 | 26 |
| SP0/24 | 1/4 | 1800 | 48 | 68.5 | 81.0 | 1.41 | 26 |
| SPH0/24 | 1/4 | 1800 | 56 | 68.5 | 81.0 | 1.41 | 26 |
| SP0/32 | 1/3 | 3600 | 48 | 70.5 | 90.0 | 1.71 | 26 |
| SPH0/32 | 1/3 | 3600 | 56 | 70.5 | 90.0 | 1.71 | 26 |
| SP0/34 | 1/3 | 1800 | 48 | 72.4 | 81.0 | 1.85 | 27 |
| SPH0/34 | 1/3 | 1800 | 56 | 72.4 | 81.0 | 1.85 | 31 |
| SP0/52 | 1/2 | 3600 | 48 | 72.4 | 90.0 | 2.47 | 29 |
| SPH0/52 | 1/2 | 3600 | 56 | 72.4 | 90.0 | 2.47 | 29 |
| SP0/54 | 1/2 | 1800 | 48 | 76.2 | 83.0 | 2.54 | 34 |
| SPH0/54 | 1/2 | 1800 | 56 | 76.2 | 83.0 | 2.54 | 34 |
| SP0/72 | 3/4 | 3600 | 48 | 76.2 | 92.0 | 3.41 | 33 |
| SPH0/72 | 3/4 | 3600 | 56 | 76.2 | 92.0 | 3.41 | 33 |
| SP0/74 | 3/4 | 1800 | 143T | 81.8 | 90.0 | 3.25 | 42 |
| SPH0/74 | 3/4 | 1800 | 56H | 81.8 | 90.0 | 3.25 | 44 |
| SPH0012 | 1 | 3600 | 56H | 80.4 | 92.0 | 4.41 | 37 |
| SP0012 | 1 | 3600 | 143T | 80.4 | 92.0 | 4.41 | 38 |
| SPH0014 | 1 | 1800 | 56H | 82.6 | 90.0 | 4.39 | 47 |
| SP0014 | 1 | 1800 | 143T | 82.6 | 90.0 | 4.39 | 47 |
| SPH1/52 | 1.5 | 3600 | 56H | 81.5 | 96.0 | 6.11 | 42 |
| SP1/52 | 1.5 | 3600 | 143T | 81.5 | 96.0 | 6.11 | 42 |
| SPH1/54 | 1.5 | 1800 | 56H | 83.8 | 96.0 | 5.94 | 55 |
| SP1/54 | 1.5 | 1800 | 145T | 83.8 | 96.0 | 5.94 | 55 |
| SPH0022 | 2 | 3600 | 56H | 82.9 | 96.0 | 8.19 | 45 |
| SP0022 | 2 | 3600 | 145T | 82.9 | 96.0 | 8.19 | 45 |
| SPH0024 | 2 | 1800 | 56H | 84.5 | 96.0 | 8.04 | 62 |
| SP0024 | 2 | 1800 | 145T | 84.5 | 96.0 | 8.04 | 63 |
| SPH0032 | 3 | 3600 | 56H | 84.1 | 98.0 | 11.6 | 55 |
| SP0032 | 3 | 3600 | 145T | 84.1 | 98.0 | 11.6 | 55 |

Notes:

(1) Data subject to change without notice.