

Technical Data Sheet

Motor Type: ASHH

Catalogue No: SDP00545C

Nameplate Information

| HP | Pole | RPM | Frame | Voltage | Hz | Phase |
|-----------|------------|----------------|-------------|-------------|--------------|----------------|
| 5 | 4 | 1740 | 184TC | 575 | 60 | 3 |
| Enclosure | Ins. Class | Service Factor | Time Rating | NEMA Design | Rated Amb. | Rated Altitude |
| ODP | F | 1.15 | Continuous | B | -40 to 40 °C | <3300 ft |

Typical Performance

| Efficiency (%) | | | | Power Factor (%) | | |
|-------------------|-----------------------------|---------------------------------|--------------------------------------|---------------------|-----------|--------------------------------|
| Full Load | | 3/4 Load | 1/2 Load | Full Load | 3/4 Load | 1/2 Load |
| Nom. | Min. | | | | | |
| 89.5 | 87.5 | 90.2 | 90.2 | 84.5 | 81.0 | 71.5 |
| Torque | | | | Current (A) | | |
| Full Load (lb-ft) | Locked Rotor (% FLT) | Pull Up (% FLT) | Break Down (% FLT) | No Load | Full Load | Locked Rotor |
| 15.09 | 195 | 190 | 300 | 2.0 | 5.0 | 37 |
| NEMA KVA Code | Inertia (WR ²) | | | Safe Stall Time (s) | | Noise Level Sound Press. dB(A) |
| | Rotor (lb-ft ²) | NEMA Load (lb-ft ²) | Max. Allowable (lb-ft ²) | Cold | Hot | |
| J | 0.404 | 27 | 70 | 30 | 21 | 53 |

VFD Duty Information

| Speed Range | | | VFD | | S.F. |
|-----------------|-----------------|----------------|---------|--------------|----------|
| Constant Torque | Variable Torque | Constant Power | Carrier | Type | |
| 6-60Hz | 3-60Hz | 60-120Hz | ≤ 5 kHz | VPWM or CPWM | 1.0 Only |

Additional Information

| Bearings | | Approx. Weight |
|----------|--------|----------------|
| DE | NDE | lbs |
| 6306ZZ | 6306ZZ | 106 |

Hazardous Locations Information

| | |
|----------------------------|-------|
| N/A | |
| 0 | |
| 0 | |
| Temp Code (Sinewave / VFD) | 0 / 0 |