


Technical Documentation

WPV00145C

Stainless Steel Washdown | AETP

Date: July 1, 2021

| | |
|---|--------------------|
|  MOTORS (CANADA) INC. | |
| | |
| | |
| | Date: July 1, 2021 |

Technical Data Sheet

| | |
|------------------|-------------------------|
| Motor Type: AETP | Catalogue No: WPV00145C |
|------------------|-------------------------|

Nameplate Information

| | | | | | | |
|-----------|------------|----------------|-------------|-------------|--------------|----------------|
| HP | Pole | RPM | Frame | Voltage | Hz | Phase |
| 1 | 4 | | 143TC | 575 | 60 | 3 |
| Enclosure | Ins. Class | Service Factor | Time Rating | NEMA Design | Rated Amb. | Rated Altitude |
| TEFC | F | 1.15 | Continuous | | -40 to 40 °C | <1000 m |

Typical Performance

| | | | | | | |
|-------------------|-----------------------------|---------------------------------|--------------------------------------|---------------------|-----------|--------------------------------|
| Efficiency (%) | | | | Power Factor (%) | | |
| Full Load | | 3/4 Load | 1/2 Load | Full Load | 3/4 Load | 1/2 Load |
| Nom. | Min. | | | | | |
| Torque | | | | Current (A) | | |
| Full Load (lb-ft) | Locked Rotor (% FLT) | Pull Up (% FLT) | Break Down (% FLT) | No Load | Full Load | Locked Rotor |
| 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 | |

VFD Duty Information

| | | | | | |
|-----------------|-----------------|----------------|---------|------|------|
| Speed Range | | | VFD | | S.F. |
| Constant Torque | Variable Torque | Constant Power | Carrier | Type | |
| | | | 0 | | |

Hazardous Locations Information

Additional Certifications

| | | |
|----------------------------|---|---------------------|
| | | Other Certification |
| Temp Code (Sinewave / VFD) | / | |

Additional Information

| | | |
|----------|-----|----------------|
| Bearings | | Approx. Weight |
| DE | NDE | lbs |

Nameplate Drawing

Stainless Steel Washdown

| | | | | | |
|-----------------|---------|-----------|-----------|--------------|------|
| TYPE | AETP | CAT. NO. | WPV00145C | | |
| OUTPUT | 1 HP kW | FRAME | 143TC | TEFC | |
| R.P.M. | | POLE | 4 | INS. | F |
| VOLTS | 575 | PHASE | 3 | Hz | 60 |
| AMPS | | CODE | | S.F. | 1.15 |
| AMBIENT | 40 °C | NOM. EFF. | | MIN. EFF. | |
| BEARINGS | / | | | RATING Cont. | |
| SER. NO. | TBD | DESIGN | | WT. LBS | |
| PWM VFD DUTY | VT | CT | CP | S.F. | |
| | | | | | |