

Technical Documentation

# **WFPV0/74C**

## **Stainless Steel Washdown | AETP**

Date: July 5, 2021

### Technical Data Sheet

Motor Type: AETP

Catalogue No: WFPV0/74C

#### Nameplate Information

| HP        | Pole       | RPM            | Frame       | Voltage     | Hz           | Phase          |
|-----------|------------|----------------|-------------|-------------|--------------|----------------|
| 0.75      | 4          |                | A56C        | 230 / 460   | 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 <sup>2</sup> )  |                                 |                                      | Safe Stall Time (s) |           | Noise Level Sound Press. dB(A) |
|                   | Rotor (lb-ft <sup>2</sup> ) | NEMA Load (lb-ft <sup>2</sup> ) | Max. Allowable (lb-ft <sup>2</sup> ) | Cold                | Hot       |                                |
|                   |                             |                                 |                                      |                     |           |                                |

#### VFD Duty Information

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

#### Hazardous Locations Information

#### Additional Certifications

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

#### Additional Information

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

**Nameplate Drawing**

# Stainless Steel Washdown

|                 |            |           |           |              |      |
|-----------------|------------|-----------|-----------|--------------|------|
| TYPE            | AETP       | CAT. NO.  | WFPV0/74C |              |      |
| OUTPUT          | 0.75 HP kW | FRAME     | A56C      | TEFC         |      |
| R.P.M.          |            | POLE      | 4         | INS.         | F    |
| VOLTS           | 230 / 460  | 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<br>DUTY | VT         | CT        | CP        | S.F.         |      |
|                 |            |           |           |              |      |