

### Technical Data Sheet

Motor Type: ASGH

Catalogue No: RD0104C

#### Nameplate Information

|           |            |                |             |             |              |                |
|-----------|------------|----------------|-------------|-------------|--------------|----------------|
| HP        | Pole       | RPM            | Frame       | Voltage     | Hz           | Phase          |
| 10        | 4          | 1755           | 215TC       | 230 / 460   | 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.                        |                                 |                                      |                     |             |                                |
| 91.7              | 90.2                        | 92.0                            | 92.0                                 | 84.0                | 79.0        | 68.5                           |
| Torque            |                             |                                 |                                      | Current (A)         |             |                                |
| Full Load (lb-ft) | Locked Rotor (% FLT)        | Pull Up (% FLT)                 | Break Down (% FLT)                   | No Load             | Full Load   | Locked Rotor                   |
| 29.92             | 235                         | 175                             | 280                                  | 9.8 / 4.9           | 24.3 / 12.2 | 162 / 15                       |
| 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         |                                |
| H                 | 0.916                       | 51                              | 95                                   | 17                  | 12          | 65                             |

#### 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            |
| 6208ZZC3 | 6206ZZC3 | 143            |

#### Hazardous Locations Information

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