

### Technical Data Sheet

Motor Type: ASHAPA

Catalogue No: GDP2004

#### Nameplate Information

|           |            |                |             |             |              |                |
|-----------|------------|----------------|-------------|-------------|--------------|----------------|
| HP        | Pole       | RPM            | Frame       | Voltage     | Hz           | Phase          |
| 200       | 4          | 1770           | 447T        | 2300 / 4000 | 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                        | 91.0                            | 89.5                                 | 87.5                | 85.5        | 80.0                           |
| Torque            |                             |                                 |                                      | Current (A)         |             |                                |
| Full Load (lb-ft) | Locked Rotor (% FLT)        | Pull Up (% FLT)                 | Break Down (% FLT)                   | No Load             | Full Load   | Locked Rotor                   |
| 594.00            | 115                         | 95                              | 210                                  | 10.4 / 6.0          | 47.0 / 27.0 | 290 / 167                      |
| 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         |                                |
| G                 | 60.000                      | 831                             | 2077                                 | 14                  | 10          | 83                             |

#### VFD Duty Information

| Speed Range     |                 |                | VFD     |              | S.F.     |
|-----------------|-----------------|----------------|---------|--------------|----------|
| Constant Torque | Variable Torque | Constant Power | Carrier | Type         |          |
| 20-60Hz         | 3-60Hz          | 60-120Hz       | ≤ 3 kHz | VPWM or CPWM | 1.0 Only |

#### Additional Information

| Bearings |      | Approx. Weight |
|----------|------|----------------|
| DE       | NDE  | lbs            |
| 6320     | 6318 | 1840           |

#### Hazardous Locations Information

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