



## Main

|                           |                 |
|---------------------------|-----------------|
| Range compatibility       | PacDrive 3      |
| Product or component type | AC servo motors |
| Device short name         | MH3             |

## Complementary

|                                 |  |
|---------------------------------|--|
| Maximum mechanical speed        | 3800 rpm   |
| [Us] rated supply voltage       | 115...480 V  |
| Phase                           | Three phase  |
| Continuous stall current        | 36.1 A   |
| Continuous stall torque         | 575.30 lbf.in (65 N.m), 115...480 V, three phase               |
| Continuous power                | 9560 W   |
| Peak stall torque               | 2920.74 lbf.in (330 N.m), 115...480 V, three phase             |
| Nominal output power            | 7.75 W, 400 V<br>7.75 W, 480 V                                 |
| Nominal torque                  | 327.48 Lbf.In (37 N.m), 400 V<br>327.48 lbf.in (37 N.m), 480 V |
| Nominal speed                   | 2000 rpm, 400 V<br>2000 rpm, 480 V                             |
| Maximum current Irms            | 124.5 A  |
| Shaft end                       | Parallel key   |
| Second shaft                    | Without second shaft end                                       |
| Shaft diameter                  | 1.50 in (38 mm)  |
| Shaft length                    | 3.15 in (80 mm)  |
| Key width                       | 0.39 in (10 mm)  |
| IP degree of protection         | IP65 standard  |
| Encoder type                    | Multiturn SinCos Hiperface                                     |
| Speed feedback resolution       | 16 periods   |
| Holding brake                   | With   |
| Holding torque                  | 531.04 lbf.in (60 N.m)   |
| Mounting support                | International standard flange                                  |
| Motor flange size               | 7.48 in (190 mm)   |
| Electrical connection           | Rotatable right-angled connectors                              |
| Torque constant                 | 1.8 N.m/A 248 °F (120 °C)                                      |
| Back emf constant               | 129.2 V/krpm   |
| Number of motor poles           | 10   |
| Rotor inertia                   | 208.8 kg.cm <sup>2</sup>                                       |
| Stator resistance               | 0.13 Ohm   |
| Stator inductance               | 3.62 mH  |
| Stator electrical time constant | 21.6 ms  |

|                                       |  |
|---------------------------------------|--|
| Maximum radial force Fr               | 3300 N 1000 rpm<br>3250 N 2000 rpm<br>3150 N 3000 rpm<br>3100 N 4000 rpm |
| Brake pull-in power                   | 25 W   |
| Type of cooling                       | Natural convection   |
| Length                                | 14.49 in (368 mm)  |
| Centring collar diameter              | 7.09 in (180 mm)   |
| Centring collar depth                 | 0.16 in (4 mm)   |
| Number of mounting holes              | 4  |
| Mounting holes diameter               | 0.55 in (14 mm)  |
| Circle diameter of the mounting holes | 8.46 in (215 mm)   |
| Net Weight                            | 158.51 lb(US) (71.9 kg)  |

### Ordering and shipping details

|                       |                              |
|-----------------------|------------------------------|
| Category              | 18359-PACDRIVE3 SERVO MOTORS |
| Discount Schedule     | PC52                         |
| GTIN                  | 03606485394282               |
| Nbr. of units in pkg. | 1                            |
| Package weight(Lbs)   | 98.55 lb(US) (44.7 kg)       |
| Returnability         | No                           |

### Packing Units

|                        |                    |
|------------------------|--------------------|
| Unit Type of Package 1 | PCE                |
| Package 1 Height       | 15.75 in (40 cm)   |
| Package 1 width        | 11.81 in (30 cm)   |
| Package 1 Length       | 31.30 in (79.5 cm) |

### Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.  |
| PVC free                   | Yes   |