



## Main

|                           |                              |
|---------------------------|------------------------------|
| Range of Product          | PacDrive 3                   |
| Product or Component Type | Servo motor integrated drive |
| Device short name         | ILM                          |

## Complementary

|                           |  |
|---------------------------|--|
| [Us] rated supply voltage | 250...700 V  |
| Continuous stall current  | 3.6 A  |
| Continuous stall torque   | 51.33 lbf.in (5.8 N.m)                                       |
| Peak stall torque         | 250.48 lbf.in (28.3 N.m)                                     |
| Nominal Output Power      | 1100 W   |
| Nominal torque            | 30.98 lbf.in (3.5 N.m)                                       |
| Nominal speed             | 3000 rpm   |
| Maximum current Irms      | 21.2 A   |
| Line Rated Current        | 2.4 A  |
| Shaft end                 | Untapped   |
| Second shaft              | Without second shaft end                                     |
| Shaft diameter            | 0.75 in (19 mm)  |
| Shaft length              | 1.57 in (40 mm)  |
| Key width                 | 1.18 in (30 mm)  |
| Feedback type             | Absolute single turn SinCos Hiperface                        |
| Speed feedback resolution | 128 periods  |
| Holding brake             | With   |
| Holding torque            | 79.66 lbf.in (9 N.m) holding brake                           |
| Mounting Support          | International standard flange                                |
| Motor flange size         | 3.94 in (100 mm)   |
| Torque constant           | 1.61 N.m/A 248 °F (120 °C)                                   |
| Back emf constant         | 103 V/krpm 68 °F (20 °C)                                     |
| Number of motor poles     | 8  |
| Rotor inertia             | 3.92 kg.cm <sup>2</sup>                                      |
| Stator resistance         | 2.6 Ohm 68 °F (20 °C) Ph/Ph<br>1.81 Ohm 248 °F (120 °C) Ph/N |
| Stator inductance         | 15.6 MH 68 °F (20 °C) Ph/Ph<br>7.8 mH 248 °F (120 °C) Ph/N   |
| Maximum radial force Fr   | 1050 N 1000 rpm<br>830 N 2000 rpm<br>730 N 3000 rpm          |
| Maximum axial force Fa    | 0.2 x Fr   |
| Type of cooling           | Natural convection   |
| Length                    | 12.40 in (315 mm)  |
| Number of motor stacks    | 3  |

|                                       |                       |
|---------------------------------------|-----------------------|
| Centring collar diameter              | 3.74 in (95 mm)       |
| Centring collar depth                 | 0.14 in (3.5 mm)      |
| Number of mounting holes              | 4                     |
| Mounting holes diameter               | 0.35 in (9 mm)        |
| Circle diameter of the mounting holes | 4.53 in (115 mm)      |
| Net Weight                            | 19.62 lb(US) (8.9 kg) |

## Environment

|                         |      |
|-------------------------|------|
| IP Degree of Protection | IP54 |
|-------------------------|------|

## Ordering and shipping details

|                   |                                   |
|-------------------|-----------------------------------|
| Category          | 18351-PACDRIVE3 INTEGRATED DRIVES |
| Discount Schedule | PC52                              |
| GTIN              | 3606485294407                     |
| Returnability     | No                                |
| Country of origin | DE                                |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 10.24 in (26.0 cm)     |
| Package 1 Width              | 7.87 in (20.0 cm)      |
| Package 1 Length             | 23.23 in (59.0 cm)     |
| Package 1 Weight             | 21.14 lb(US) (9.59 kg) |

## 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 cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| PVC free                   | Yes   |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|