Specifications





## servo motor BMI 3-phase untapped IP65 multiturn - 131072 p/t x 4096 t - brake

BMI0703P22F

Product availability: Non-Stock - Not normally stocked in distribution facility

### Price\*: 3,061.14 USD

### Main

Range Compatibility   Lexium 32i     Product Or Component Type   Servo motor with power stage     Device Short Name   BMI     Complementary   Maximum Mechanical Speed   8000 rpm     [Us] Rated Supply Voltage   208480 V - 1510 %     Supply Voltage Limits   208480 V     Phase   Three phase     Supply Frequency   50/60 Hz - 55 %     Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2.A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2.A     Kastall Torque   76.12 lbf.in (8.4 Nm) 208480 V three phase     76.12 lbf.in (8.6 Nm) 208 V three phase   76.12 lbf.in (8.6 Nm) 400 V three phase     76.12 lbf.in (8.6 Nm) 480 V three phase   76.12 lbf.in (8.6 Nm) 480 V three phase     Yow Work V V Hree phase   2.30 Bt/.in (2.3 Nm) 400 V three phase     Yow Work V V Hree phase   2.30 Bt/.in (2.3 Nm) 400 V three phase     Yow Work V V Hree phase   2.30 Bt/.in (2.3 Nm) 400 V three phase     Yow Work V V Hree phase   2.30 Bt/.in (2.3 Nm) 400 V three phase     Yow Work V V Hree phase   2.30 Bt/.in (2.3 Nm) 400 V three phase <th></th> <th></th>		
Device Short Name BMI   Complementary   Maximum Mechanical Speed 8000 rpm   [Us] Rated Supply Voltage 208480 V - 1510 %   Supply Voltage Limits 208480 V   Phase Three phase   Supply Frequency 50/60 Hz - 55 %   Network Frequency Limits 47.563 Hz   Emc Filter Integrated   Continuous Output Current 2 A 8 Hz   Output Current 3S Peak 6 A 400 V 3 s   Continuous Stall Current 2 A   Continuous Stall Torque 76.12 Ibf.in (8.4 N.m) 208 V three phase   76.12 Ibf.in (8.6 N.m) 208 V three phase   76.12 Ibf.in (2.9 N.m) 208 V three phase   20.03 Ibf.in (2.7 N.m) 400 V three phase	Range Compatibility	Lexium 32i
Maximum Mechanical Speed   8000 rpm     [Us] Rated Supply Voltage   208480 V - 1510 %     Supply Voltage Limits   208480 V     Phase   Three phase     Supply Frequency   50.060 Hz - 55 %     Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (8.6 N.m) 208 V three phase   76.12 lbf.in (8.6 N.m) 400 V three phase     Nominal Output Power   900 W 400 V three phase     900 W 400 V three phase   20.36 lbf.in (2.3 N.m) 480 V three phase     Nominal Torque   2.567 lbf.in (2.9 N.m) 208 V three phase     20.30 lbf.in (2.3 N.m) 480 V three phase   20.30 lbf.in (2.3 N.m) 480 V three phase     Nominal Speed   3300 rpm 400 V three phase     12.5 A 400 V, three phase   12.5 A 400 V, three phase     12.5 A 400 V, three phase   12.5 A 400 V, three phase     12.5 A 400 V, three phase   12.5 A 400 V, three phase	Product Or Component Type	Servo motor with power stage
Maximum Mechanical Speed   8000 rpm     [Us] Rated Supply Voltage   208480 V - 1510 %     Supply Voltage Limits   208480 V     Phase   Three phase     Supply Frequency   50/60 Hz - 55 %     Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase   76.12 lbf.in (8.6 N.m) 400 V three phase     Nominal Output Power   900 W 400 V three phase     900 W 400 V three phase   23.90 lbf.in (2.7 N.m) 400 V three phase     Nominal Torque   2.567 lbf.in (2.9 N.m) 208 V three phase     1600 rpm 208 V three phase   3300 rpm 400 V three phase     1600 rpm 208 V three phase   1400 V three phase     1600 rpm 208 V three phase   12.5 A 400 V, three phase     170 rpm 208 V three phase   12.5 A 400 V, three phase     1800 rpm 480 V three phase   12.5 A 400 V, three phase     1900 rpm 480 V t	Device Short Name	BMI
[Us] Rated Supply Voltage   208480 V - 1510 %     Supply Voltage Limits   208480 V     Phase   Three phase     Supply Frequency   50/60 Hz - 55 %     Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 Ibf.in (3.4 N.m) 208480 V three phase     76.12 Ibf.in (8.6 N.m) 400 V three phase   76.12 Ibf.in (8.6 N.m) 400 V three phase     76.12 Ibf.in (8.6 N.m) 400 V three phase   76.12 Ibf.in (8.6 N.m) 400 V three phase     76.12 Ibf.in (8.6 N.m) 400 V three phase   76.12 Ibf.in (8.6 N.m) 400 V three phase     Nominal Output Power   900 W 400 V three phase     900 W 208 V three phase   450 W 208 V three phase     20.33 Ibf.in (2.7 N.m) 400 V three phase   23.90 Ibf.in (2.9 N.m) 208 V three phase     100 W 208 V three phase   23.90 Ibf.in (2.9 N.m) 208 V three phase     100 W 208 V three phase   20.36 Ibf.in (2.9 N.m) 208 V three phase     100 W 208 V three phase   1600 rpm 208 V three phase     100 V three phase	Complementary	
Supply Voltage Limits   208480 V     Phase   Three phase     Supply Frequency   50/60 Hz - 55 %     Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 208 V three phase     76.12 lbf.in (6.8 N.m) 400 V three phase   76.12 lbf.in (6.8 N.m) 400 V three phase     76.12 lbf.in (6.8 N.m) 400 V three phase   76.12 lbf.in (6.8 N.m) 400 V three phase     You W 400 V three phase   76.12 lbf.in (2.9 N.m) 400 V three phase     You W 400 V three phase   900 W 400 V three phase     You W 400 V three phase   20.36 lbf.in (2.3 N.m) 400 V three phase     You W 400 V three phase   20.36 lbf.in (2.3 N.m) 400 V three phase     You W 400 V three phase   20.36 lbf.in (2.3 N.m) 400 V three phase     You W 400 V three phase   20.36 lbf.in (2.3 N.m) 400 V three phase     You W 400 V three phase   20.36 lbf.in (2.3 N.m) 400 V three phase     You W 400 V three phase<	Maximum Mechanical Speed	8000 rpm
Phase   Three phase     Supply Frequency   50/60 Hz - 55 %     Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase   76.12 lbf.in (8.6 N.m) 400 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 400 V three phase     Nominal Output Power   900 W 400 V three phase     900 W 400 V three phase   450 W 208 V three phase     Nominal Torque   25.67 lbf.in (2.9 N.m) 208 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase   20.36 lbf.in (2.3 N.m) 480 V three phase     Nominal Speed   3300 rpm 400 V three phase     3000 rpm 208 V three phase   12.5 A 400 V, three phase     12.5 A 400 V, three phase   12.5 A 208 V, three phase     Product Compatibility   Drive control unit LXM32i CANopen     Drive control unit LXM32i EtherCAT   Shaft End	[Us] Rated Supply Voltage	208480 V - 1510 %
Supply Frequency   50/60 Hz - 55 %     Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (2.9 N.m) 208 V three phase     900 W 400 V three phase     900 U 100 V three phase     900 V	Supply Voltage Limits	208480 V
Network Frequency Limits   47.563 Hz     Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 208 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (8.6 N.m) 480 V three phase     76.12 lbf.in (2.9 N.m) 208 V three phase     900 W 480 V three phase     900 W 708 V three phase     12.5 A 400 V, three phase     12.5 A 400 V, three phase     12.5 A 400 V, three phase     12.5 A 480 V, three phase     12.5 A 480 V, three phase	Phase	Three phase
Emc Filter   Integrated     Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 208 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase   76.12 lbf.in (8.6 N.m) 480 V three phase     76.12 lbf.in (8.6 N.m) 480 V three phase   76.12 lbf.in (8.6 N.m) 480 V three phase     Nominal Output Power   900 W 400 V three phase     900 W 400 V three phase   23.90 lbf.in (2.7 N.m) 400 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase   20.36 lbf.in (2.3 N.m) 480 V three phase     1600 rpm 208 V three phase   3900 rpm 480 V three phase     1600 rpm 208 V three phase   12.5 A 400 V, three phase     12.5 A 400 V, three phase   12.5 A 400 V, three phase     12.5 A 208 V, three phase   12.5 A 208 V, three phase     12.5 A 208 V, three phase   12.5 A 208 V, three phase     12.5 A 208 V, three phase   12.5 A 208 V, three phase     12.5 A 208 V, three phase   12.5 A 208 V, three phase     12.5 A 208 V, three phase   12.5 A 208 V, three phase </td <td>Supply Frequency</td> <td>50/60 Hz - 55 %</td>	Supply Frequency	50/60 Hz - 55 %
Continuous Output Current   2 A 8 kHz     Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 208 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (8.6 N.m) 480 V three phase     900 W 400 V three phase     20.36 lbf.in (2.9 N.m) 208 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase     1600 rpm 208 V three phase     3900 rpm 480 V three phase     12.5 A 400 V, three phase <tr< td=""><td>Network Frequency Limits</td><td>47.563 Hz</td></tr<>	Network Frequency Limits	47.563 Hz
Output Current 3S Peak   6 A 400 V 3 s     Continuous Stall Current   2 A     Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 208 V three phase 76.12 lbf.in (8.6 N.m) 400 V three phase 76.12 lbf.in (8.6 N.m) 400 V three phase 76.12 lbf.in (8.6 N.m) 480 V three phase     Nominal Output Power   900 W 400 V three phase 900 W 480 V three phase 450 W 208 V three phase     Nominal Torque   25.67 lbf.in (2.9 N.m) 208 V three phase 20.36 lbf.in (2.3 N.m) 480 V three phase 20.36 lbf.in (2.3 N.m) 480 V three phase     Nominal Speed   3300 rpm 400 V three phase 1600 rpm 208 V three phase 12.5 A 400 V, three phase 12.5 A 400 V, three phase     Maximum Current Irms   12.5 A 400 V, three phase 12.5 A 208 V, three phase     Product Compatibility   Drive control unit LXM32i CANopen Drive control unit LXM32i EtherCAT     Shaft End   Untapped	Emc Filter	Integrated
Continuous Stall Current 2 A   Continuous Stall Torque 30.09 lbf.in (3.4 N.m) 208480 V three phase   Peak Stall Torque 76.12 lbf.in (8.6 N.m) 208 V three phase   76.12 lbf.in (8.6 N.m) 400 V three phase 76.12 lbf.in (8.6 N.m) 400 V three phase   76.12 lbf.in (8.6 N.m) 400 V three phase 76.12 lbf.in (8.6 N.m) 400 V three phase   76.12 lbf.in (8.6 N.m) 400 V three phase 76.12 lbf.in (8.6 N.m) 400 V three phase   Nominal Output Power 900 W 400 V three phase   900 W 400 V three phase 450 W 208 V three phase   450 W 208 V three phase 23.90 lbf.in (2.7 N.m) 400 V three phase   20.36 lbf.in (2.3 N.m) 480 V three phase 20.36 lbf.in (2.3 N.m) 480 V three phase   1600 rpm 208 V three phase 3300 rpm 400 V three phase   1600 rpm 208 V three phase 12.5 A 400 V, three phase   12.5 A 400 V, three phase 12.5 A 400 V, three phase   12.5 A 208 V, three phase 12.5 A 208 V, three phase   12.5 A 208 V, three phase 12.5 A 208 V, three phase   12.5 A 208 V, three phase 12.5 A 208 V, three phase   12.5 A 208 V, three phase 12.5 A 208 V, three phase   12.5 A 208 V, three phase 12.5 A 208 V, three phase   12.5 A 208 V, three phase 12.5 A 208 V, three phase   12.5 A 208 V, three phase 12.5 A 208 V, three phase	Continuous Output Current	2 A 8 kHz
Continuous Stall Torque   30.09 lbf.in (3.4 N.m) 208480 V three phase     Peak Stall Torque   76.12 lbf.in (8.6 N.m) 208 V three phase     76.12 lbf.in (8.6 N.m) 400 V three phase   76.12 lbf.in (8.6 N.m) 480 V three phase     Nominal Output Power   900 W 400 V three phase     900 W 480 V three phase   900 W 480 V three phase     450 W 208 V three phase   900 W 480 V three phase     Nominal Output Power   900 W 480 V three phase     900 W 480 V three phase   900 W 208 V three phase     900 W 208 V three phase   25.67 lbf.in (2.9 N.m) 208 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase   20.36 lbf.in (2.3 N.m) 480 V three phase     Nominal Speed   3300 rpm 400 V three phase     1600 rpm 208 V three phase   3900 rpm 480 V three phase     12.5 A 400 V, three phase   12.5 A 400 V, three phase     12.5 A 400 V, three phase   12.5 A 208 V, three phase     12.5 A 208 V, three phase   12.5 A 208 V, three phase     Product Compatibility   Drive control unit LXM32i CANopen     Drive control unit LXM32i EtherCAT   Shaft End	Output Current 3S Peak	6 A 400 V 3 s
Peak Stall Torque   76.12 lbf.in (8.6 N.m) 208 V three phase 76.12 lbf.in (8.6 N.m) 400 V three phase 76.12 lbf.in (8.6 N.m) 480 V three phase     Nominal Output Power   900 W 400 V three phase 900 W 480 V three phase 450 W 208 V three phase     Nominal Torque   25.67 lbf.in (2.9 N.m) 208 V three phase 20.36 lbf.in (2.7 N.m) 400 V three phase 20.36 lbf.in (2.3 N.m) 480 V three phase     Nominal Speed   3300 rpm 400 V three phase 1600 rpm 208 V three phase     Maximum Current Irms   12.5 A 400 V, three phase 12.5 A 208 V, three phase     Product Compatibility   Drive control unit LXM32i CANopen Drive control unit LXM32i EtherCAT     Shaft End   Untapped	Continuous Stall Current	2 A
76.12 lbf.in (8.6 N.m) 400 V three phase     76.12 lbf.in (8.6 N.m) 480 V three phase     900 W 400 V three phase     900 W 480 V three phase     900 W 480 V three phase     900 W 208 V three phase     25.67 lbf.in (2.9 N.m) 208 V three phase     23.90 lbf.in (2.7 N.m) 400 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase     1600 rpm 208 V three phase     3900 rpm 480 V three phase     12.5 A 400 V, three phase     12.5 A 400 V, three phase     12.5 A 400 V, three phase     12.5 A 208 V, three phase     Product Compatibility   Drive control unit LXM32i CANopen     Drive control unit LXM32i EtherCAT     Shaft End   Untapped	Continuous Stall Torque	30.09 lbf.in (3.4 N.m) 208480 V three phase
900 W 480 V three phase     450 W 208 V three phase     Nominal Torque   25.67 lbf.in (2.9 N.m) 208 V three phase     23.90 lbf.in (2.7 N.m) 400 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase     1600 rpm 208 V three phase     3000 rpm 400 V three phase     1600 rpm 208 V three phase     3900 rpm 480 V three phase     12.5 A 400 V, three phase     12.5 A 400 V, three phase     12.5 A 400 V, three phase     12.5 A 208 V, three phase     12.5	Peak Stall Torque	76.12 lbf.in (8.6 N.m) 400 V three phase
23.90 lbf.in (2.7 N.m) 400 V three phase     20.36 lbf.in (2.3 N.m) 480 V three phase     Nominal Speed   3300 rpm 400 V three phase     1600 rpm 208 V three phase     3900 rpm 480 V three phase     3900 rpm 480 V three phase     12.5 A 400 V, three phase     12.5 A 480 V, three phase     12.5 A 208 V, three phase     12.5 A 208 V, three phase     Product Compatibility     Drive control unit LXM32i CANopen     Drive control unit LXM32i EtherCAT     Shaft End   Untapped	Nominal Output Power	900 W 480 V three phase
1600 rpm 208 V three phase     3900 rpm 480 V three phase     3900 rpm 480 V three phase     12.5 A 400 V, three phase     12.5 A 480 V, three phase     12.5 A 208 V, three phase     Product Compatibility     Drive control unit LXM32i CANopen     Drive control unit LXM32i EtherCAT     Shaft End   Untapped	Nominal Torque	23.90 lbf.in (2.7 N.m) 400 V three phase
12.5 A 480 V, three phase     12.5 A 208 V, three phase     12.5 A 208 V, three phase     Product Compatibility     Drive control unit LXM32i CANopen     Drive control unit LXM32i EtherCAT     Shaft End     Untapped	Nominal Speed	1600 rpm 208 V three phase
Drive control unit LXM32i EtherCAT   Shaft End   Untapped	Maximum Current Irms	12.5 A 480 V, three phase
	Product Compatibility	
Second Shaft Without second shaft end	Shaft End	Untapped
	Second Shaft	Without second shaft end

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Shaft Diameter	0.55 in (14 mm)
Shaft Length	1.18 in (30 mm)
Feedback Type	Absolute multiturn SinCos Hiperface
Speed Feedback Resolution	131072 points/turn x 4096 turns
Holding Brake	With
Holding Torque	26.55 lbf.in (3 N.m) holding brake
Mounting Support	International standard flange
Motor Flange Size	2.76 in (70 mm)
Electrical Connection	Printed circuit board connector
Torque Constant	1.41 N.m/A 68 °F (20 °C)
Back Emf Constant	95.39 V/krpm 68 °F (20 °C)
Number Of Motor Poles	10
Rotor Inertia	1.78 kg.cm <sup>2</sup>
Stator Resistance	7.99 Ohm 68 °F (20 °C)
Stator Inductance	25.6 mH 68 °F (20 °C)
Stator Electrical Time Constant	3.2 ms 68 °F (20 °C)
Maximum Radial Force Fr	730 N 1000 rpm 580 N 2000 rpm 510 N 3000 rpm 460 N 4000 rpm 430 N 5000 rpm 400 N 6000 rpm
Maximum Axial Force Fa	0.2 x Fr
Brake Pull-In Power	5 W
Type Of Cooling	Natural convection
Length	13.35 in (339 mm)
Number Of Motor Stacks	3
Centring Collar Diameter	2.36 in (60 mm)
Centring Collar Depth	0.10 in (2.5 mm)
Number Of Mounting Holes	4
Mounting Holes Diameter	0.22 in (5.5 mm)
Circle Diameter Of The Mounting Holes	2.953.23 in (7582 mm)
Distance Shaft Shoulder-Flange	0.10 in (2.5 mm)

### Environment

Ip Degree Of Protection

IP65

# Ordering and shipping details

Category	US1PC5618287
Discount Schedule	PC56
Gtin	3606485376479
Returnability	No
Country Of Origin	DE

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.84 in (25.0 cm)
Package 1 Width	7.32 in (18.6 cm)
Package 1 Length	21.65 in (55.0 cm)
Package 1 Weight	14.33 lb(US) (6.5 kg)

### **Contractual warranty**

Warranty

18 months

# Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

### Well-being performance

Mercury Free
Rohs Exemption Information Yes
Pvc Free

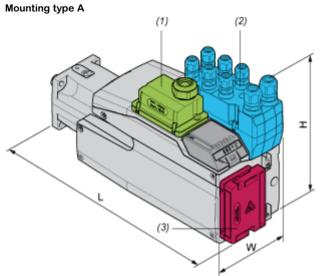
### **Certifications & Standards**

Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
China Rohs Regulation	China RoHS declaration			
Environmental Disclosure	Product Environmental Profile			
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.			
Circularity Profile	End of Life Information			
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 www.P65Warnings.ca.gov			

**Dimensions Drawings** 

### **External Dimensions**

# With Standard Braking Resistor



- (1) Module for supply voltage
- (2) I/O module
- (3) Standard braking resistor

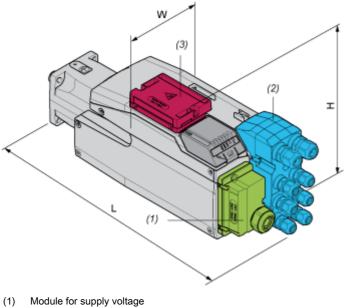
#### Dimensions in mm

W	Н	L
99	187	360

#### Dimensions in in.

W	Н	L
3,90	7,36	14,17

#### Mounting type B



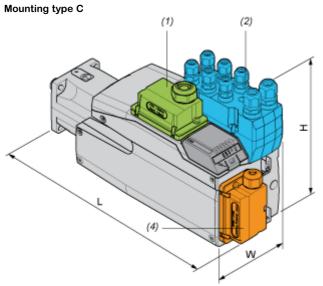
(2) I/O module

(3) Standard braking resistor

Dimensions in mm				
W	Н	L		
99	138,5	409		

Dimensions in in.			
W	Н	L	
3,90	5,45	16,1	

### With External Braking Resistor



(1) Module for supply voltage

- (2) I/O module
- (4) External braking resistor

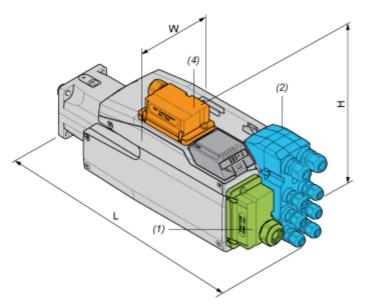
Dimensions in mm

W	Н	L
99	187	372

Dimensions in in.

W	Н	L
3,90	7,36	14,65

Mounting type D



- (1) Module for supply voltage
- (2) I/O module
- (4) External braking resistor

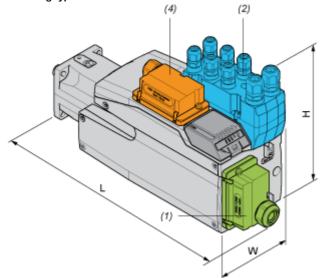
Dimer	nsions	in	mm	

W	/ H L	
99	160	409

Dimensions in in.

W H L					
3,90	6,3	16,1			

#### Mounting type E



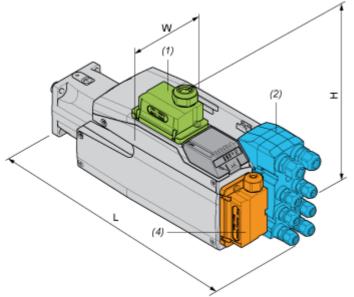
- (1) Module for supply voltage
- (2) I/O module
- (4) External braking resistor

Dimensions in mm

W	н	L
99	187	399

Dimensions in in.						
W H L						
3,90	7,36	15,71				

#### Mounting type F



- (1) Module for supply voltage
- (2) I/O module
- (4) External braking resistor

#### Dimensions in mm

W	Н	L	
99	180	409	

#### Dimensions in in.

W	Н	L
3,90	7,09	16,1

BMI0703P22F

Performance Curves

#### Performance Curves

#### (Y) 10.0 9.0 8.0 7.0 6.0 - (1) 5.0 (2) 4.0 (3) 3.0 (4) (5) 4 2.0 1.0 0 -1000 2000 3000 4000 5000 6000 7000 8000 9000 0 (X)

### Torque/Speed Curves with 208 V Three Phases Supply Voltage

- (X) Speed (rpm)
- (Y) Torque (N.m)
- (1) Motor peak
- (2) Drive peak
- (3) Drive cont
- (4) Motor cont
- (5) Operating point

		Power	At Speed	With Torque
max. Peak Power		1138 W	1360 rpm	7.99 N.m
max Cont. Power (Drive)	•	564 W	1840 rpm	2.93 N.m

#### Performance Curves

#### (Y) 10.0 9.0 8.0 7.0 6.0 (1)5.0 (2) 4.0 (3) 3.0 佣 .... 向 2.0 1.0 Ô-2000 3000 4000 5000 6000 7000 8000 9000 Ó 1000 (X)

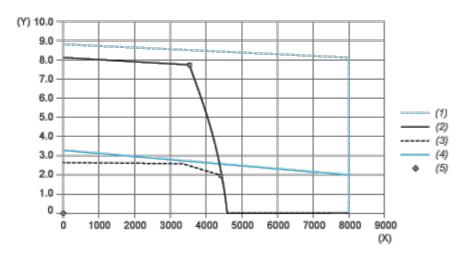
#### Torque/Speed Curves with 400 V Three Phases Supply Voltage

- (X) Speed (rpm)
- (Y) Torque (N.m)
- (1) Motor peak
- (2) Drive peak
- (3) Drive cont
- (4) Motor cont
- (5) Operating point

		Power	At Speed	With Torque
max. Peak Power		2390 W	2960 rpm	7.71 N.m
max Cont. Power (Drive)	•	895 W	3760 rpm	2.27 N.m

#### Performance Curves

#### Torque/Speed Curves with 480 V Three Phases Supply Voltage



- (X) Speed (rpm)
- (Y) Torque (N.m)
- (1) Motor peak
- (2) Drive peak
- (3) Drive cont
- (4) Motor cont
- (5) Operating point

		Power	At Speed	With Torque
max. Peak Power		2915 W	3600 rpm	7.73 N.m
max Cont. Power (Drive)	•	945 W	4560 rpm	1.98 N.m