

# Lembar data produk

Spesifikasi



## servo motor BCH, Lexium 23 Plus, smooth, 20 bit encoder-straight con

BCH1302N31A1C

⚠ Telah dihentikan pada: 27 Agustus 2020

⚠ Berakhirnya layanan pada: 21 Januari 2021

⚠ Dihentikan

### Main

Range compatibility	Lexium 23 Plus
Product or component type	Servo motor
Device short name	BCH

### Complementary

Maximum mechanical speed	5000 rpm
[Us] rated supply voltage	220 V
Network number of phases	Single phase
Continuous stall current	0.9 A
Continuous power	0.1 kW
Shaft end	Smooth shaft
Second shaft	Without second shaft end
Shaft diameter	8 mm
Shaft length	20 mm
Feedback type	20 bits incremental encoder
Holding brake	Without
Mounting support	Asian standard flange
Motor flange size	40 mm
Torque constant	0.36 N.m/A
Back emf constant	13.6 V/krpm at 20 °C
Rotor inertia	0.037 kg.cm <sup>2</sup>
Stator resistance	18.6 Ohm at 20 °C
Stator inductance	48 mH at 20 °C
Stator electrical time constant	2.58 ms at 20 °C
Maximum radial force Fr	78.4 N
Maximum axial force Fa	39.2 N
Brake pull-in power	7.3 W
Type of cooling	Natural convection

<b>Length</b>	100.6 mm
<b>Number of motor stacks</b>	1
<b>Centring collar diameter</b>	30 mm
<b>Centring collar depth</b>	2.5 mm
<b>Number of mounting holes</b>	4
<b>Mounting holes diameter</b>	4.5 mm
<b>Circle diameter of the mounting holes</b>	46 mm
<b>Distance shaft shoulder-flange</b>	20 mm
<b>Net weight</b>	0.5 kg

## Environment

<b>IP degree of protection</b>	IP65
<b>Ambient air temperature for operation</b>	0...40 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	23.8 cm
<b>Package 1 Width</b>	29.2 cm
<b>Package 1 Length</b>	36.6 cm
<b>Package 1 Weight</b>	7.3 kg

## Penggantian yang disarankan

BCH1302N31A1C is replaced by the following product range:



### Lexium 28 & Servo Motors

Servo drives and servo motors from 0.05 to 4.5 kW

Produk: 59