

# Product datasheet

Specifications



## servo motor BMH - 8.4 Nm - IP54 - 2730W - 8000 rpm

BMH1003S0036

⚠ Discontinued on: Dec 16, 2023 AD

⚠ Discontinued

### Main

Device short name	BMH
Product or component type	Servo motor
Maximum mechanical speed	8000 rpm
IP degree of protection	IP54 standard
Mounting support	International standard flange

### Complementary

Range compatibility	Lexium 32
[Us] rated supply voltage	480 V
Network number of phases	Three phase
Second shaft	Without second shaft end
Shaft diameter	19 mm
Shaft length	40 mm
Motor flange size	100 mm
Number of motor stacks	3
Number of motor poles	10
Stator electrical time constant	6.3 ms at 20 °C
Type of cooling	Natural convection
Centring collar diameter	95 mm
Centring collar depth	3.5 mm
Number of mounting holes	4
Mounting holes diameter	9 mm
Circle diameter of the mounting holes	115 mm
Network number of phases	3
Temperature copper hot	135 °C
Temperature magnet hot	100 °C
Temperature magnet rt	20 °C

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

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<b>Package 1 Height</b>	22.0 cm
<b>Package 1 Width</b>	20.0 cm
<b>Package 1 Length</b>	40.0 cm
<b>Package 1 Weight</b>	8.45 kg

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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better



#### Materials and Substances

EU RoHS Directive

[Compliant](#)

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins