

**Bosch Rexroth Indramat - MS2E Synchronous Servomotors**

**MS2E03-B0BYN-CMSK0-NNNNN-NN**

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The **MS2E03-B0BYN-CMSK0-NNNNN-NN** is a part of the **MS2E Synchronous Servomotors Series** by **Bosch Rexroth Indramat**.

**Specifications**

|                                   |                                 |                                    |                                 |  |   |
|-----------------------------------|---------------------------------|------------------------------------|---------------------------------|--|---|
| <b>Absolute Revolutions:</b>      | 4096                            | <b>Ambient Temperature:</b>        | 0 ... 40 °C (without de-rating) | <b>Bearing Type:</b>                               | Standard (Deep-groove ball bearing)     |
| <b>Centering Collar Diameter:</b> | 40 mm                           | <b>Coating:</b>                    | Varnish RAL 9005                | <b>Conformity:</b>                                 | ATEX compliant                          |
| <b>Cooling:</b>                   | Self-cooling                    | <b>Cooling Principle:</b>          | Self-cooling                    | <b>Electrical Connection Type:</b>                 | Single cable connection, M23, rotatable |
| <b>Encoder System:</b>            | Advanced Performance ACURO@link | <b>Encoder Type:</b>               | Multiturn                       | <b>Flange Exactness:</b>                           | Standard                                |
| <b>Flange Size:</b>               | 58 mm                           | <b>Frame Length Code:</b>          | B                               | <b>Functional Encoder Resolution (Singleturn):</b> | 20 bit                                  |
| <b>Holding Brake:</b>             | Without holding brake           | <b>Hole Circle Diameter:</b>       | 63 mm                           | <b>Installation Altitude:</b>                      | 0 ... 1,000 m above MSL                 |
| <b>Maximum Current:</b>           | 7.25 A                          | <b>Maximum Speed (mechanical):</b> | 9000 min-1                      | <b>Maximum Torque (20°C):</b>                      | 3.75 Nm                                 |
| <b>Motor Size Code:</b>           | 03                              | <b>Mounting Holes Diameter:</b>    | 4.5 mm                          | <b>Mounting Standard:</b>                          | B5 / IM3001                             |

**Contact Us**

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**Product Type:** 3~ PM Motor  
**Rated Power (60k):** 0.2 Kw  
**Shaft Type:** shaft with ring  
**Temperature Sensor:** PT1000  
**Winding Inductance:** 20.22 mH

**Shipping Options**

**Protection Class:** IP65 with shaft sealing ring  
**Torque Constant (20°C):** 0.35 Nm/A  
**Winding Resistance (20°C):** 14.3 Ohm



**Payment Methods**



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