



## R88M-1M2K020C-S2

1S AC servo motor, 2 kW, 400 VAC, 2000 rpm, 9.55 Nm, absolute encoder

# Specifications

Servo control method	EtherCAT
Drive supply voltage	400 V three phase
Rated output	2 kW
Rated speed	2000 r/min
Rated torque	9.55 Nm
Peak torque	28.7 Nm
Encoder type	Absolute without battery
Encoder resolution	23 Bit
Motor with brake	✘
Motor with oil seal	✘
Flange size square (LC)	130 mm
Shaft diameter	22 mm
Shaft with key	✔
Shaft with tap	✔
Product Weight (unpacked)	10000 g

# Fits to



**R88D-1SN20F-ECT**  
1S servo drive, EtherCAT type, 2 kW, 3~ 400 VAC



**R88D-1SN20F-ECT-51**  
1S-51 servo drive with STO, SS1 and SLS safety, EtherCAT type, 2 kW, 3~ 400 VAC

## Accessories



**R88A-CA1C001-5SF-E**

1S series servo motor power cable, 1.5 m, non braked, 230 V: 900 W to 1.5 kW, 400 V: 400 W to 1.5 k W & 2 k W (2000 & 3000 rpm)



**R88A-CA1C003SF-E**

1S series servo motor power cable, 3 m, non braked, 230 V: 900 W to 1.5 kW, 400 V: 400 W to 1.5 k W & 2 k W (2000 & 3000 rpm)



**R88A-CA1C005SF-E**

1S series servo motor power cable, 5 m, non braked, 230 V: 900 W to 1.5 kW, 400 V: 400 W to 1.5 k W & 2 k W (2000 & 3000 rpm)



**R88A-CA1C010SF-E**

1S series servo motor power cable, 10 m, non braked, 230 V: 900 W to 1.5 kW, 400 V: 400 W to 1.5 k W & 2 k W (2000 & 3000 rpm)



**R88A-CA1C015SF-E**

1S series servo motor power cable, 15 m, non braked, 230 V: 900 W to 1.5 kW, 400 V: 400 W to 1.5 k W & 2 k W (2000 & 3000 rpm)



**R88A-CA1C020SF-E**

1S series servo motor power cable, 20 m, non braked, 230 V: 900 W to 1.5 kW, 400 V: 400 W to 1.5 k W & 2 k W (2000 & 3000 rpm)



**R88A-CR1B001-5NF-E**

1S series servo encoder cable, 1.5m, 230V: 900W-1.5kW, 400V: 400W-15kW



**R88A-CR1B003NF-E**

1S series servo encoder cable, 3m, 230V: 900W-1.5kW, 400V: 400W-15kW



**R88A-CR1B005NF-E**

1S series servo encoder cable, 5m, 230V: 900W-1.5kW, 400V: 400W-15kW



**R88A-CR1B010NF-E**

1S series servo encoder cable, 10m, 230V: 900W-1.5kW, 400V: 400W-15kW



**R88A-CR1B015NF-E**

1S series servo encoder cable, 15m, 230V: 900W-1.5kW, 400V: 400W-15kW



**R88A-CR1B020NF-E**

1S series servo encoder cable, 20m, 230V: 900W-1.5kW, 400V: 400W-15kW



**R88A-SC021S-E**

1S series cable clamp B. Used in 400 V drives and 230 V (from 1.5 kW to 3 kW)

## CAD Library



### 1S Series Users Manual

EN PDF 23 MB



### 1S Series - Expanded with high capacity range: 4 - 15 kW Flyer

EN PDF 1.64 MB



### 1S Series Incremental Encoder Type Users Manual

EN PDF 6.34 MB



### 1S Series Multi-axis Setup and Tuning Getting Started Guide

EN PDF 7.86 MB



### 1S Servo System Brochure

EN PDF 25.6 MB



### 1S-series Servos for EN Instruction Manual

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### AC Servomotor\_Servo Drives - Replace Guide Replacement guide

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### Motor Sizing Tool Operation Manual

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### R88M-1\_1S-series Servo Motor Datasheet

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### Redundancy and Motion Safety Flyer

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### Sysmac: A Fully Integrated Platform Brochure

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### Using R88A-CA1G power cables Technical Information

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