



## R88M-1AL1K030C-BS2

1SA AC servo motor, 1 kW, 400 VAC, 3000 rpm, 3.18 Nm, absolute encoder, with brake

# Specifications

Servo control method	EtherCAT
Drive supply voltage	400 V three phase
Rated output	1 kW
Rated torque	3.18 Nm
Rated speed	3000 Rpm
Encoder resolution	20 Bit
Motor with brake	✓
Peak torque	9.55 Nm
Encoder type	Absolute without battery
Flange size square (LC)	100 mm
Motor with oil seal	✗
Shaft with key	✓
Shaft with tap	✓
Weight	8700 g

## Fits to



### **R88D-1SAN10F-ECT**

1SA servo drive with safety,  
EtherCAT type, 1 kW, 3~  
400 VAC



**R88A-CX1BE10BF**

1SA series servo EXTENSION hybrid cable, 10 m, 230 V: 1 kW to 1.5 kW, 400 V: 750 W to 3 kW



**R88A-CX1BE20BF**

1SA series servo EXTENSION hybrid cable, 20 m, 230 V: 1 kW to 1.5 kW, 400 V: 750 W to 3 kW



**R88A-CX1C003BF**

1SA series servo hybrid cable, 3 m, with brake, 230V: 1 kW to 1.5 kW, 400 V: 750 W to 3 kW



**R88A-CX1C005BF**

1SA series servo hybrid cable, 5 m, with brake, 230V: 1 kW to 1.5 kW, 400 V: 750 W to 3 kW



**R88A-CX1C010BF**

1SA series servo hybrid cable, 10 m, with brake, 230 V: 1 kW to 1.5 kW, 400V: 750 W to 3 kW



**R88A-CX1C015BF**

1SA series servo hybrid cable, 15 m, with brake, 230 V: 1 kW to 1.5 kW, 400 V: 750 W to 3 kW



**R88A-CX1C020BF**

1SA series servo hybrid cable, 20 m, with brake, 230 V: 1 kW to 1.5 kW, 400 V: 750 W to 3 kW

## CAD Library



### 1S Motion Safety Datasheet

EN PDF 3.09 MB



### AC Servo System 1S Series Brochure

EN PDF 6.71 MB



### AC Servomotors/Servo Drives Users Manual

EN PDF 24.8 MB



### Motor Sizing Tool V1.60.1.15 Configurator

EN ZIP 26.4 MB



### Redundancy and Motion Safety Flyer

EN PDF 960 KB



### Sysmac Studio - Drive Functions Operation Manual

EN PDF 8.39 MB



### Sysmac: A Fully Integrated Platform Brochure

EN PDF 10.4 MB



### TUV - EC Type-Examination Certificate Certificate

EN PDF 629 KB