



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 r/min
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	✓
Product Weight (unpacked)	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, 230 V: 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



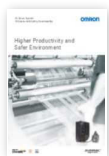
1S-series Regeneration Resistors Instruction Sheet

EN PDF 424 KB



1S-series Servos with safety functionality Instruction Manual

EN PDF 2.79 MB



AC Servo System 1S Series Brochure

EN PDF 2.62 MB



AC Servomotors/Servo Drives Users Manual

EN PDF 23.8 MB



EAC Mark removal Discontinuation Notice

EN PDF 221 KB



Motor Sizing Tool Operation Manual

EN PDF 3.83 MB



Redundancy and Motion Safety Flyer

EN PDF 960 KB



Servo System 1S-series with safety functionality Getting Started Guide

EN PDF 14.8 MB



Sysmac Studio - Drive Functions Operation Manual

EN PDF 8.22 MB



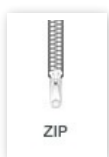
Sysmac: A Fully Integrated Platform Brochure

EN PDF 19.1 MB



TUV - EC Type-Examination Certificate Certificate

EN PDF 629 KB



motor_sizing_tool_v1.80.1.21 Configurator

EN ZIP 37.8 MB