



R88M-1L1K530C-S2

1S AC servo motor, 1.5 kW, 400 VAC, 3000 rpm, 4.77 Nm, absolute encoder

Specifications

Servo control method	EtherCAT
Drive supply voltage	400 V three phase
Rated output	1.5 kW
Rated speed	3000 r/min
Rated torque	4.77 Nm
Peak torque	14.3 Nm
Encoder type	Absolute without battery
Encoder resolution	23 Bit
Motor with brake	✘
Motor with oil seal	✘
Flange size square (LC)	100 mm
Shaft diameter	19 mm
Shaft with key	✔
Shaft with tap	✔
Product Weight (unpacked)	5700 g

Fits to



R88D-1SN15F-ECT
1S servo drive, EtherCAT type, 1.5 kW, 3~ 400 VAC



R88D-1SN15F-ECT-51
1S-51 servo drive with STO, SS1 and SLS safety, EtherCAT type, 1.5 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 25.5 MB



1S-series Servos Instruction Manual

EN PDF 5.63 MB



AC Servomotor_Servo Drives - Replace Guide Replacement guide

EN PDF 4.74 MB



EAC Mark removal Discontinuation Notice

EN PDF 221 KB



Motor Sizing Tool Operation Manual

EN PDF 3.83 MB



R88M-1_1S-series Servo Motor Datasheet

EN PDF 1.57 MB



Redundancy and Motion Safety Flyer

EN PDF 960 KB



Sysmac Catalogue

EN PDF 43.5 MB



Sysmac: A Fully Integrated Platform Brochure

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Using R88A-CA1G power cables Technical Information

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