



## R88M-1M75030T-S2

1S AC servo motor, 750 W, 230 VAC, 3000 rpm, 2.39 Nm, absolute encoder

# Specifications

Servo control method	EtherCAT
Drive supply voltage	230 V single phase
Rated output	0.75 kW
Rated speed	3000 r/min
Rated torque	2.39 Nm
Peak torque	8.4 Nm
Encoder type	Absolute without battery
Encoder resolution	23 Bit
Motor with brake	✘
Motor with oil seal	✘
Flange size square (LC)	80 mm
Shaft diameter	19 mm
Shaft with key	✔
Shaft with tap	✔
Product Weight (unpacked)	2900 g

## Fits to



**R88D-1SN08H-ECT**  
1S servo drive, EtherCAT type, 800 W, 1~ 230 VAC



**R88D-1SN08H-ECT-51**  
1S-51 servo drive with STO, SS1 and SLS safety, EtherCAT type, 750 W, 1 or 3~ 230 VAC

## Accessories



**R88A-CA1A001-5SF-E**

1S series servo motor power cable, 1.5 m, 230 V: 100 to 750 W



**R88A-CA1A003SF-E**

1S series servo motor power cable, 3 m, 230 V: 100 to 750 W



**R88A-CA1A005SF-E**

1S series servo motor power cable, 5 m, 230 V: 100 to 750 W



**R88A-CA1A010SF-E**

1S series servo motor power cable, 10 m, 230 V: 100 to 750 W



**R88A-CA1A015SF-E**

1S series servo motor power cable, 15 m, 230 V: 100 to 750 W



**R88A-CA1A020SF-E**

1S series servo motor power cable, 20 m, 230 V: 100 to 750 W



**R88A-CR1A001-5CF-E**

1S series servo encoder cable, 1.5m, 230V: 50-750W



**R88A-CR1A003CF-E**

1S series servo encoder cable, 3m, 230V: 50-750W



**R88A-CR1A005CF-E**

1S series servo encoder cable, 5m, 230V: 50-750W



**R88A-CR1A010CF-E**

1S series servo encoder cable, 10m, 230V: 50-750W



**R88A-CR1A015CF-E**

1S series servo encoder cable, 15m, 230V: 50-750W



**R88A-CR1A020CF-E**

1S series servo encoder cable, 20m, 230V: 50-750W



**R88A-SC011S-E**

1S series cable clamp A. Used in 230 V drives up to 750 W

## 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

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

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### Motor Sizing Tool Operation Manual

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

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### Using R88A-CA1G power cables Technical Information

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