



## R88M-K1K030C-S2

G5 series AC servo motor, 1 kW, 400 VAC, 3000 rpm, 3.18 Nm, Absolute encoder

# Specifications

Servo control method	Analog, EtherCAT, MECHATROLINK II, Pulse train
Drive supply voltage	400 V three phase
Rated output	1 kW
Rated speed	3000 r/min
Rated torque	3.18 Nm
Peak torque	9.55 Nm
Encoder type	Absolute with battery
Encoder resolution	17 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)	3500 g

## TERMS OF WEBSITE USE

This PDF document was created from the European OMRON Industrial Automation website on 14 October, 2024. Click here for [terms of use](#).

# Fits to



## R88D-KN15F-ECT

G5 Series servo drive, EtherCAT type, 1500 W, 3~400 VAC



## R88D-KN15F-ML2

Accurax G5 servo drive, 3~400 VAC, MECHATROLINK II type, 1.5 kW



## R88D-KT15F

Accurax G5 servo drive, 3~400 VAC, analog/pulse type, 1.5 kW

# Accessories



## R88A-CAGB001-5SR-E

Servo motor power cable, 1.5 m, w/o brake, 900 W-1.5 kW



## R88A-CAGB003SR-E

Servo motor power cable, 3 m, w/o brake, 900 W-1.5 kW



## R88A-CAGB005SR-E

Servo motor power cable, 5 m, w/o brake, 900 W-1.5 kW



## R88A-CAGB010SR-E

Servo motor power cable, 10 m, w/o brake, 900 W-1.5 kW



## R88A-CAGB015SR-E

Servo motor power cable, 15 m, w/o brake, 900 W-1.5 kW



## R88A-CAGB020SR-E

Servo motor power cable, 20 m, w/o brake, 900 W-1.5 kW



## R88A-CRKC001-5NR-E

G5 series servo encoder cable, 1.5 m, 200 V: 1 to 1.5 kW, 400 V: 400 W to 5 kW



**R88A-CRKC003NR-E**

G5 series servo encoder cable, 3 m, 200 V: 1 to 1.5 kW, 400 V: 400 W to 5 kW



**R88A-CRKC005NR-E**

G5 series servo encoder cable, 5 m, 200 V: 1 to 1.5 kW, 400 V: 400 W to 5 kW



**R88A-CRKC010NR-E**

G5 series servo encoder cable, 10 m, 200 V: 1 to 1.5 kW, 400 V: 400 W to 5 kW



**R88A-CRKC015NR-E**

G5 series servo encoder cable, 15 m, 200 V: 1 to 1.5 kW, 400 V: 400 W to 5 kW



**R88A-CRKC020NR-E**

G5 series servo encoder cable, 20 m, 200 V: 1 to 1.5 kW, 400 V: 400 W to 5 kW

## CAD Library



### Accurax G5 Servomotors/Drivers with MECHATROLINK-II Control

Users Manual

EN PDF 6.69 MB



### Accurax G5 Servomotors/Drivers with Analogue/Pulse Output

Users Manual

EN PDF 7.99 MB



### Accurax G5 Servomotors/Drivers with Analogue/Pulse/Indexer Output

Users Manual

EN PDF 1.02 MB



### Accurax G5 Servomotors/Drivers with EtherCAT Control

Users Manual

EN PDF 9.89 MB



### Accurax-G5 Brochure

Brochure

EN PDF 6.83 MB



### EAC Mark removal Discontinuation Notice

Discontinuation Notice

EN PDF 221 KB



### Motor Sizing Tool Operation Manual

Operation Manual

EN PDF 3.83 MB



### R88M-K Accurax G5 servo motors

Datasheet

EN PDF 1 MB



### Sysmac Catalogue

Catalogue

EN PDF 43.5 MB



### Sysmac: A Fully Integrated Platform

Brochure

EN PDF 11.8 MB



### motor\_sizing\_tool\_v1.80.1.16

Configurator

EN ZIP 36.1 MB

## TERMS OF WEBSITE USE

This PDF document was created from the European OMRON Industrial Automation website on 14 October, 2024. [Click here for terms of use.](#)