



## R88M-K5K020F-S2

G5 series AC servo motor, 5 kW, 400 VAC, 2000 rpm, 23.9 Nm, Incremental encoder

# Specifications

Servo control method	Analog, EtherCAT, MECHATROLINK II, Pulse train
Drive supply voltage	400 V three phase
Rated output	5 kW
Rated speed	2000 r/min
Rated torque	23.9 Nm
Peak torque	71.6 Nm
Encoder type	Incremental
Encoder resolution	20 Bit
Motor with brake	✘
Motor with oil seal	✘
Flange size square (LC)	176 mm
Shaft diameter	35 mm
Shaft with key	✔
Shaft with tap	✔
Product Weight (unpacked)	18600 g



**R88D-KN50F-ECT**  
G5 Series servo drive,  
EtherCAT type, 5 kW, 3~  
400 VAC



**R88D-KN50F-ML2**  
Accurax G5 servo drive, 3~  
400 VAC, MECHATROLINK  
II type, 5.0 kW



**R88D-KT50F**  
Accurax G5 servo drive, 3~  
400 VAC, analog/pulse type,  
5.0 kW

# Accessories



**R88A-CAGD003SR-E**

G5 series servo motor power cable, 3 m, w/o brake, 3-5 kW



**R88A-CAGD005SR-E**

G5 series servo motor power cable, 5 m, w/o brake, 3-5 kW



**R88A-CAGD010SR-E**

G5 series servo motor power cable, 10 m, w/o brake, 3-5 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 Brochure

EN PDF 6.83 MB



### G5 Instruction Sheet

EN PDF 803 KB



### R88M-K\_Accurax G5 servo motors Datasheet

EN PDF 1 MB



### Sysmac Catalogue

EN PDF 43.5 MB



### Sysmac: A Fully Integrated Platform Brochure

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