OMRON Industrial Automation



R88M-C6H1K030T-S2-GS

C6 AC servo motor, High inertia, 1 kW, 230 VAC, 3000 rpm, 3.2 Nm, absolute encoder, wiht key

Specifications

Servo control method	EtherCAT
Drive supply voltage	230 V single phase, 230 V three phase
Rated output	1 kW
Rated speed	3000 r/min
Rated torque	3.2 Nm
Peak torque	11.2 Nm
Encoder type	Absolute with battery
Encoder resolution	26 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)	2600 g

Fits to



R88D-C6N10H-ECT-GS
C6 AC servo drive, Standard model, EtherCAT Communications, 1 kW, 1/3-phase, 230 VAC

Accessories

R88A-CACA001-5SF-IE	C6 series servo motor power cable, 1.5 m, 230V: 50 W to 750W & 1 kW (80 mm flange)
R88A-CACA003SF-IE	C6 series servo motor power cable, 3 m, 230V: 50 W to 750W & 1 kW (80 mm flange)
R88A-CACA005SF-IE	C6 series servo motor power cable, 5 m, 230V: 50 W to 750W & 1 kW (80 mm flange)
R88A-CACA010SF-IE	C6 series servo motor power cable, 10 m, 230V: 50 W to 750W & 1 kW (80 mm flange)
R88A-CACA015SF-IE	C6 series servo motor power cable, 15 m, 230V: 50 W to 750W & 1 kW (80 mm flange)
R88A-CACA020SF-IE	C6 series servo motor power cable, 20 m, 230V: 50 W to 750W & 1 kW (80 mm flange)
R88A-CRCA001-5CF-BS-IE	C6 series servo encoder cable, with battery, 1.5 m, 230V: 50 W to 750W & 1 kW (80 mm flange)

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Downloads

CAD file



C6 Series

Brochure

EN PDF 3.44 MB



C6 Series

Users Manual

EN PDF 41.9 MB



C6 Series Servo System

Datasheet

EN PDF 7 MB



Motor Sizing Tool

Operation Manual

EN PDF 4.67 MB



Motor Sizing Tool V1.91.1.1

Configurator

EN ZIP 213 MB



R88M-C6-GS

Eu declaration of conformity

EN PDF 292 KB

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