OMRON Industrial Automation

3G3R1-B4300

R1 AC Drive, 30/37/37/45 kW, 60/75/75/85 A (HHD/HND/HD/ND), 400 VAC, 3~ input, OLV/CLV control, built-in filter, max. output freq. 590 Hz, IP00

Specifications

Drive control method	Closed loop V/f, Closed loop vector, Open loop V/f, Open loop vector
Drive supply voltage	400 V three phase
Max. motor output at constant torque	30 kW
Max. motor output at variable torque	45 kW
Built in EMC filter	✔
Degree of protection (IP)	IP00
Communication port(s)	MODBUS Slave, Serial RS-485, USB
Communication option(s)	None
Compatible motor type	Induction or asynchronous motor, Permanent magnet motor
Product Height (unpacked)	550 mm
Product Width (unpacked)	326.2 mm
Product Depth (unpacked)	260.3 mm
Product Weight (unpacked)	0 g

Accessories

3G3A1-OP10-E	R1 LCD digital operator for parameter edition, copy function, SD card support, Bluetooth and USB connection

Downloads

R1

Datasheet

EN PDF 7.91 MB

R1 Series

Brochure

EN PDF 5.41 MB

TERMS OF WEBSITE USE

This PDF document was created from the European OMRON Industrial Automation website on 23 October, 2026. Click here for terms of use.