

The ideal servo family for motion control

W-SERIES

for decentralised solutions



Advanced Industrial Automation

OMRON



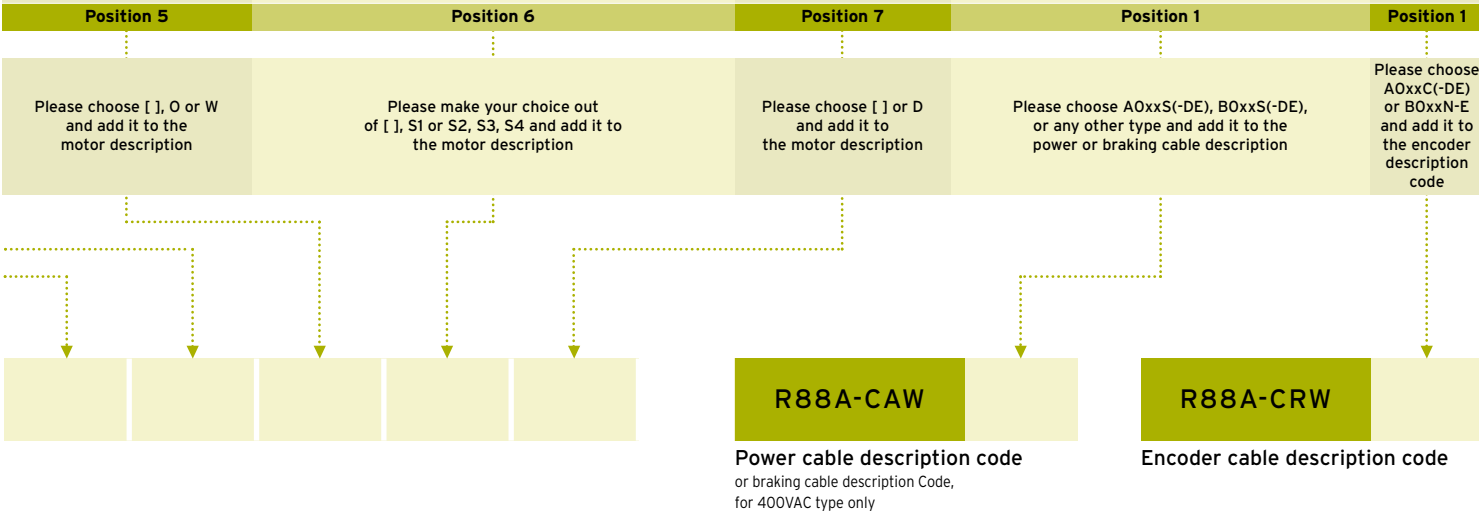
Omron's W-series of servo systems is designed to provide superior motion control for both the speed and position of your machine's moving parts. Based around a 32-bit RISC processor, each servo system features fast current and speed regulation and an on-line auto-tuning function. This constantly adapts the control parameters to changing load conditions during operation to provide unprecedented dynamic performance. With these features Omron's servo systems meet the most demanding requirements of today's precision industrial applications, including packaging systems, tool making machines, semiconductor pick-and-place installations and PCB drilling machines and routers.

Omron's W-series When reliability and size matters



With the W-series you can choose from a comprehensive range of servo motors, from 230V single- and three-phase to 400V three-phase; from 1000 rpm's to 6000 rpm's, and in power ratings from 30W - 15kW. In addition, Omron offers a wide range of power cables, drivers and filters for optimum operation. All W-series models conform to CE, UL, cUL and other standards for international use.





Drivers and filters

CODE	MAXIMUM MOTOR WATTAGE	HIGH SPEC DRIVER	SINGLE PHASE 230VAC	THREE PHASE 400VAC	FILTER TYPE SINGLE PHASE 230VAC	FILTER TYPE THREE PHASE 400VAC
A3	30W	H	[]	-	104-E	-
A5	50W	H	[]	-	104-E	-
01	100W	H	[]	-	104-E	-
02	200W	H	[]	-	104-E	-
04	400W	H	[]	-	107-E	-
05	500W	H	-	F	-	4006-E
08	750W	H	H	-	115-E	-
10	1000W	H	-	F	-	4006-E
15	1500W	H	H	F	125-E	4006-E
20	2000W	H	-	F	-	4010-E
30	3000W	H	-	F	-	4010-E
50	5000W	H	-	F	-	4020-SE
60	6000W	H	-	F	-	4030-SE
75	7500W	H	-	F	-	4030-SE
110	11000W	H	-	F	-	4055-SE
150	15000W	H	-	F	-	4055-SE
Code 1		Code 2	Code 3		Code 1	
Please choose A3, A5 or any other out of the colon CODE1		Please choose H	Please choose [] , H or F and add it to the driver description		Please choose 104-E, 107-E, 115-E, 125-E, 4006-E or 4010-E, 4020-SE, 4030-SE or 4055-SE and add it to the noise filter description	

R88D-WT

Driver description rule

- not applicable
[] blank in description

R88A-FIW

Noise filter description rule

OMRON EUROPE B.V. Wegalaan 67-69, NL-2132 JD, Hoofddorp, The Netherlands. Tel: +31 (0) 23 568 13 00 Fax: +31 (0) 23 568 13 88 www.eu.omron.com

UNITED KINGDOM

Omron Electronics Ltd

1 Apsley Way, Staples Corner, London, NW2 7HF, UK
Tel: +44 (0) 870 752 0861
Fax: +44 (0) 870 752 0862
www.omron.co.uk

Austria

Tel: +43 (0) 1 80 19 00
www.omron.at

Belgium

Tel: +32 (0) 2 466 24 80
www.omron.be

Czech Republic

Tel: +420 (0) 267 31 12 54
www.omron.cz

Denmark

Tel: +45 43 44 00 11
www.omron.dk

Finland

Tel: +358 (0) 9 549 58 00
www.omron.fi

France

Tel: +33 (0) 1 49 74 70 00
www.omron.fr

Germany

Tel: +49 (0) 2173 680 00
www.omron.de

Hungary

Tel: +36 (0) 1 399 30 50
www.omron.hu

Italy

Tel: +39 02 32 681
www.omron.it

Netherlands

Tel: +31 (0) 23 568 11 00
www.omron.nl

Norway

Tel: +47 (0) 22 65 75 00
www.omron.no

Poland

Tel: +48 (0) 22 645 78 60
www.omron.com.pl

Portugal

Tel: +351 21 942 94 00
www.omron.pt

Russia

Tel: +7 095 745 26 64
www.russia.omron.com

Spain

Tel: +34 913 777 900
www.omron.es

Sweden

Tel: +46 (0) 8 632 35 00
www.omron.se

Switzerland

Tel: +41 (0) 41 748 13 13
www.omron.ch

Turkey

Tel: +90 (0) 216 326 29 80
www.omron.com.tr

For the Middle East, Africa and other countries in Eastern Europe,
Tel: +31 (0) 23 568 13 22 www.eu.omron.com

Automation and Drives

- Programmable logic controllers
- Networking
- Human-machine interfaces
- Inverter drives
- Motion control

Industrial Components

- Relays, electrical and mechanical
- Timers
- Counters
- Programmable relays
- Low voltage switchgear
- Power supplies
- Temperature & process controllers
- Solid-state relays
- Panel indicators
- Level controllers

Sensing and Safety

- Photoelectric sensors
- Proximity sensors
- Rotary encoders
- Vision systems
- RFID systems
- Safety switches
- Safety relays
- Safety sensors

OMRON

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Omron:

[R88A-CRWA003C](#) [R88A-CRWA005C](#) [R88A-CRWA010C](#) [R88A-CRWA-010C-DE](#) [R88A-CRWA015C](#) [R88A-CRWA020C](#) [R88A-CRWA030C](#) [R88A-CRWA040C](#) [R88A-CRWA050C](#) [R88A-CRWB003N](#) [R88A-CRWB005N](#) [R88A-CRWB010N](#) [R88A-CRWB010NE](#) [R88A-CRWB015N](#) [R88A-CRWB020N](#) [R88A-CRWB030N](#) [R88A-CRWB040N](#) [R88A-CRWB050N](#) [R88A-CRWC0R3C](#) [R88A-CRWB010N-E](#)