

# Ordering information

When placing an order, please state the following minimum data in the order, as in the example.

The product code of the motor is composed in accordance with the following example.

Motor type	M2QA 90S4A
Pole number	4
Mounting arrangement (IM-code)	IM B3 (IM 1001)
Rated output	1.1 kW
Product code	3GQA092101-ADA
Variant codes if needed	

A	B	C	D, E, F	G	
M2QA	90S4A	3GQA 092 101 - AD A 003 etc.			
		1-4	5-6 7 8-10 11 12 13 14		
<b>A</b>	<b>B</b>	<b>C</b>	<b>D, E, F</b>	<b>G</b>	
Motor type	Motor size	Product code	Mounting arrangement code	Voltage and frequency code	Generation code
					Variant codes

## Explanation of the product code (C, D, E, F):

### Positions 1 to 4

**3GQA** = Totally enclosed fan cooled squirrel cage motor with cast iron frame

### Positions 5 and 6

IEC frame

07 = 71	11 = 112	20 = 200	31 = 315
08 = 80	13 = 132	22 = 225	35 = 355
09 = 90	16 = 160	25 = 250	
10 = 100	18 = 180	28 = 280	

### Position 7

Speed (Pole pairs)

1 = 2 poles	6 = 12 poles
2 = 4 poles	7 = >12 poles
3 = 6 poles	8 = Two-speed motors
4 = 8 poles	9 = Multi-speed motors
5 = 10 poles	

### Positions 8 to 10

Serial number

### Position 11

- (dash)

### Position 12

Mounting arrangement

**A** = Foot-mounted, top-mounted terminal box

**R** = Foot-mounted, terminal box on RHS, seen from D-end

**L** = Foot-mounted, terminal box on LHS, seen from D-end

**B** = Flange-mounted, large flange

**C** = Flange-mounted, small flange sizes (71-112)

**H** = Foot- and flange-mounted

### Position 13

Voltage and frequency code

See tables on appropriate page

### Position 14

Generation code

A, B, C...

The product code must be, if needed, followed by variant codes.

## Code letters for supplementing the product code

Code letter for voltage and frequency											
Direct start or, with Δ-connection, also Y/Δ-start											
Motor size	S		D		H	E		F	T	U	X
	50Hz	60 Hz	50 Hz	60 Hz	50 Hz	50 Hz	60 Hz	50 Hz	50 Hz	50 Hz	
71-250	220-240 VΔ	440-480 VY	380-420 VΔ	440-480V <sup>1)</sup> Δ	415 VΔ	500 VΔ	575 VΔ	500 VY	660 VΔ	690 VΔ	Other rated voltage, connection or frequency, 690 V maximum
	380-420 VY	-	660-690 VY	-	-	-	-	-	-	-	
280-400	220, 230 VΔ	-	380, 400, 415 VΔ	440VΔ	415 VΔ	500 VΔ	-	500 VY	660 VΔ	690 VΔ	
	380,400,415VY	440VY	660, 690 VY	-	-	-	-	-	-	-	

<sup>1)</sup> 480 V not stamped on sizes 160 to 250