

## PANASONIC - 90MM 90W MOTOR WITH GEARBOX

M91Z90G4GGA+MZ9G3B

- All ball bearing gearbox as standard, rated to 10,000 hours lifetime
- Speed range from 0.7 rpm up to 500 rpm
- Quiet running
- Available with flange or square gear box mounting
- High torque (29.4Nm) gearbox available



### PRODUCT DESCRIPTION

The 3-series from Panasonic are designed for single or three phase supplies. 6-40W motors have cooling fins for passive coolings and 60-90W motors have cooling fans giving forced ventilation.

The gearboxes feature a helical cut first stage which contributes to a low noise package and gives good efficiency. Standard gear ratios from 3:1 up to 200:1 and an intermediate 10:1 gear can be used where higher ratios are required.

Benefits

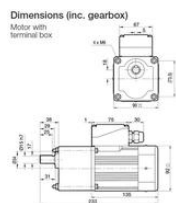
- All ball bearing gearbox as standard, rated to 10,000 hours lifetime
- Low noise level
- Speed range from 0.7 rpm. up to 500 rpm.
- Several mounting options
- Quality, reliability and cost effectiveness
- High torque gearboxes available
- CE, UL and CCC-approved motors

### TECHNICAL DATA

Capacitor	6.0μF
Input voltage ac	230V
Nominal current	0,89 A
Nominal speed	500 rpm
Nominal torque	1,37 Nm
Number of phases	1
Output power	90 W
Ratio	3:1
Shaft diameter	15 mm
Weight with gearbox	4,8 kg

# **Dimensions (inc. gearbox)**

Motor with  
terminal box



Flanged gearbox

Add 43mm to length  
for decimal gearbox.  
Add 48.5mm to length  
for brake motor.

