

SQ-MIM0119402

Panasonic

Model:MR9G50B~MR9G200B Bearing type:Ball bearing

General Dimension Tolerance (±)					Angle		Dimension of A	
Assembly					Angle		(Shorter Side)	
Up to 6	Over 6 to 30	Over 30 to 120	Over 120 to 300	Over 300	Up to 10	Over 10 to 50	Over 50 to 100	Over 100
0.3	0.5	0.7	1.2	2.0	5°	3°	1.5°	45°

Compact AC geared motor

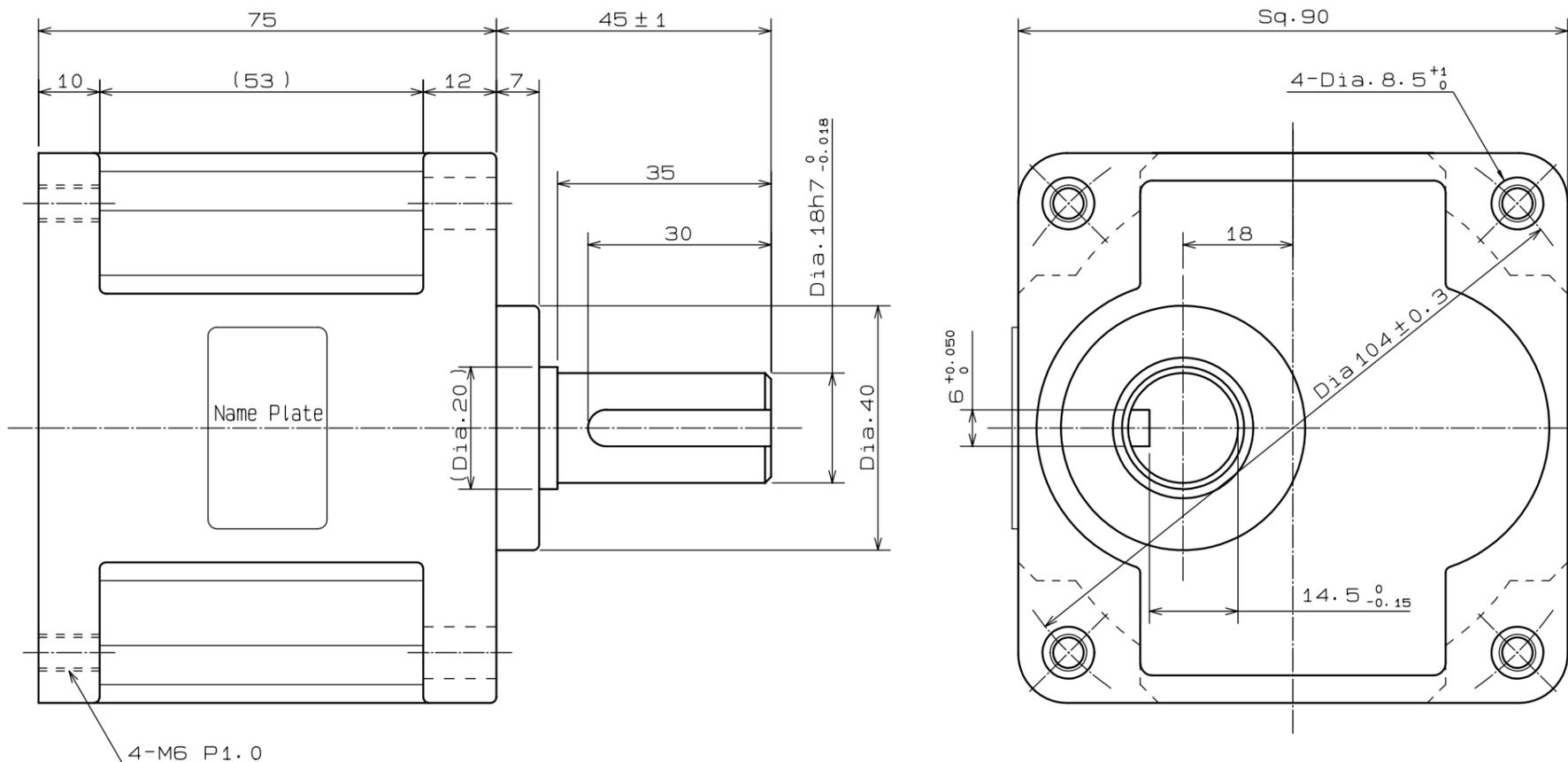
Type : Gear head

General Specification

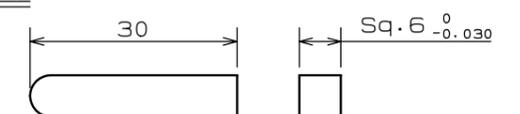
- Color:standard color.(Dark brown).
- Operational temperature:-10°C~+40°C
Operational humidity:Less than 85%RH
- Maximum overhung load:784N
remarks:Point of 22.5mm from the shaft-end.
- Maximum thrust load:147N
- Speed(min⁻¹) figures are based on synchronous speed.
The actual output min⁻¹ under rated torque conditions, is about 2~20% less than synchronous speed.
- Do not tap the shaft at the gearhead when installing a pulley or a sprocket.
Heavy tapping might cause unnecessary noise.
- Attach the pulley or sprocket to the bottom end of the output shaft.
- Make sure the O-ring(for oil seal) is located in the right position on the bracket of the motor when assembling the motor and the gear head.
- Since grease is enclosed in the gear box, pay extra caution for it's affect to other material such as plastic.

Accessories

Type	MR9G50B~MR9G200B	
Hexagon socket head cap screws	M6 P1.0 length 20mm	4Pieces
Plain washers	for M6	4Pieces
Key	as par drawing	1Piece



Key



Geared motor maximum permissible torque table

Model	MR9G 50B	MR9G 60B	MR9G 75B	MR9G 90B	MR9G 100B	MR9G 120B	MR9G 150B	MR9G 180B	MR9G 200B	
Nominai gear reduction ratio	50	60	75	90	100	120	150	180	200	
Actual gear reduction ratio	50.9	60.5	76.0	89.8	98.6	121.2	150.4	182.1	202.1	
Speed(min ⁻¹)	50Hz	30	25	20	16.7	15	12.5	10	8.3	
	60Hz	36	30	24	20	18	15	12	10	
Permissible torque (N·m)	Motor Output 60W	50Hz	15.2	18.2	22.1	26.5	29.4			
		60Hz	12.7	15.2	18.6	22.1	24.6	29.4		
	Motor Output 90W	50Hz	21.2	25.5	29.4					
		60Hz	17.6	21.2	26.7	29.4				
Direction of rotation of Output shaft	The same direction as the shaft of the motor									

Scale	MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD.				Agreement	Model	MR9G50B~MR9G200B
1 : 1	3rd Angle System				Unit:mm	Name	OUTLINE DRAWING
Designed	Drawn	Checked	Checked	Checked	No.	SQ-MIM0119402	
WADA	WADA			KITAJURA			
2006/11/09	2006/11/09			2006/11/09			

TRACE
MARCHAND CLASS
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