



Do NOT scale the drawings. instead rely on the dimensions and their definitions

MARCHAND G	CLASS	TRACE
IM1	E	

# Panasonic

### Compact AC geared motor

Type : Reversible motor (Single phase)

UL-c-UL, CE, CCC approved

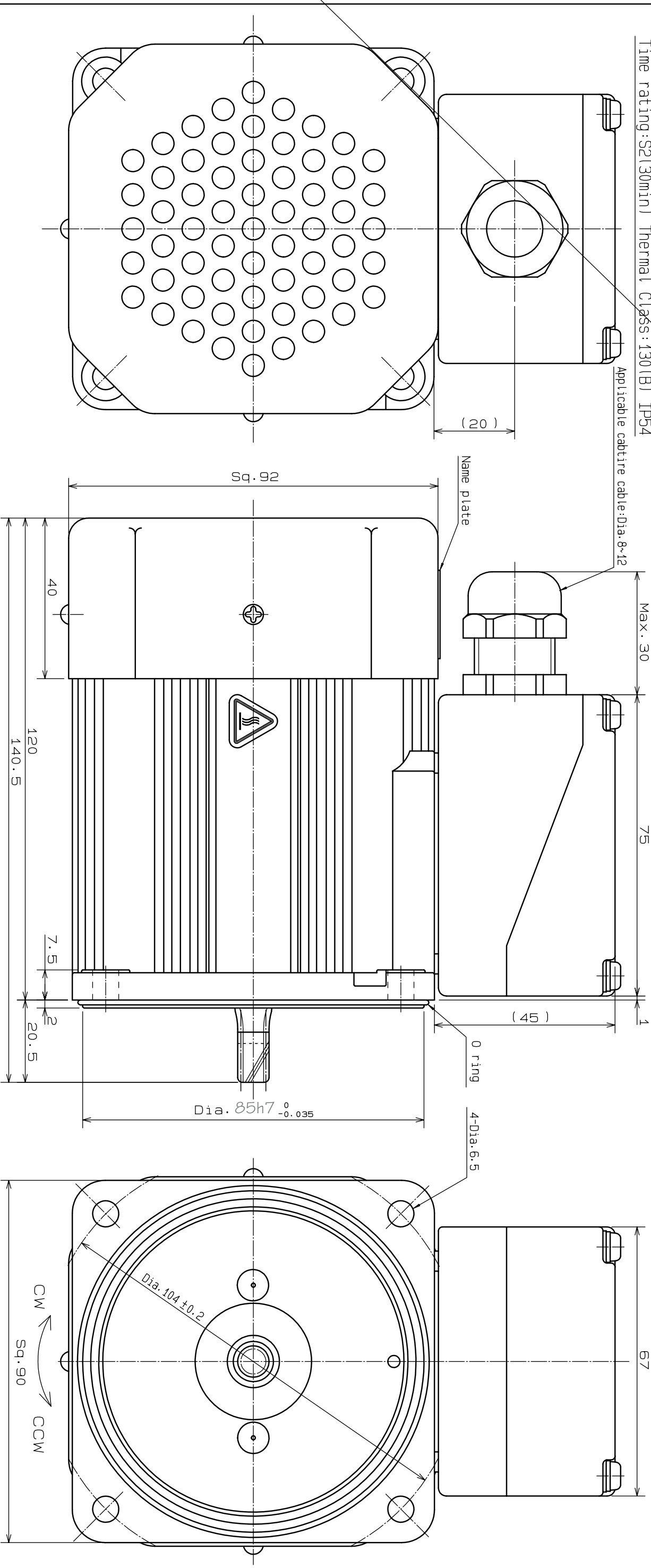
M9RZ60GK4GG1 4P 60W 220, 230V 50/60Hz

Capacitor : 5 $\mu$ F (450V)

Time rating : S2 (30min) Thermal Class : 130 (B) IP54

Characteristics						
Voltage	Frequency	rated current	rated input	rated speed	rated torque	starting torque
220V	50Hz	0.64A	137W	1225min <sup>-1</sup>	0.47N·m	0.50N·m
220V	60Hz	0.67A	145W	1550min <sup>-1</sup>	0.37N·m	0.52N·m
230V	50Hz	0.66A	145W	1275min <sup>-1</sup>	0.45N·m	0.57N·m
230V	60Hz	0.67A	151W	1575min <sup>-1</sup>	0.36N·m	0.57N·m

General Dimension Tolerance (*)						
Assembly			Angle			
Up to	Over	Over	Up to	Over	Over	Dimension of A
6	to 30	to 120	10	10	10	[Shorter Side]
0.3	0.5	0.7	5°	3°	1.5°	Over 100
						Over 100



#### General specification

- Operational condition: ambient temperature: -10°C~+40°C, the humidity: less than 85%RH.
- Start end edges assumes it less than 5/100(FIR). (It causes abnormal noise.)
- Please do not disassemble the motor. (It causes abnormal noise.)
- This motor is provided with a thermal protector.
- Body color is dark brown.
- Applicable gear head: M296DB (ball bearing, without hinge) M996DB (ball bearing, with hinge) M996BB (ball bearing, without hinge) M996BB (ball bearing, with hinge)
- Applicable decimal gear head: M29610XB
- When put a gear head together, please confirm that an O ring is attached to a motor.
- If there is not an O ring it cause an oil blur.)
- Accessory: Capacitor
- Perform connection of terminals of a capacitor surely. Do the electric insulation so that electricity department of a capacitor does not crop out.

Scale	Scale	Agreement	Model
1 : 1	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	Checked	M9RZ60GK4GG1
Designed	Weight : 3.0Kg	Checked	Name
KITAMURA	Drawn	Checked	OUTLINE DRAWING
KITAMURA	Checked	Checked	No.
2007/02/09	2007/02/09	2007/02/09	SQ-MIMO168801