

Panasonic

Compact AC geared motor

Type :Electromagnetic Brake motor (Three phase)


UL, c-UL, CE, CCC approved

M9MX40GR4YG1 4P 40W 200/200/220/230V 50/60/60/60Hz

Time rating:S1(cont.) Thermal Class:130(B) IP44

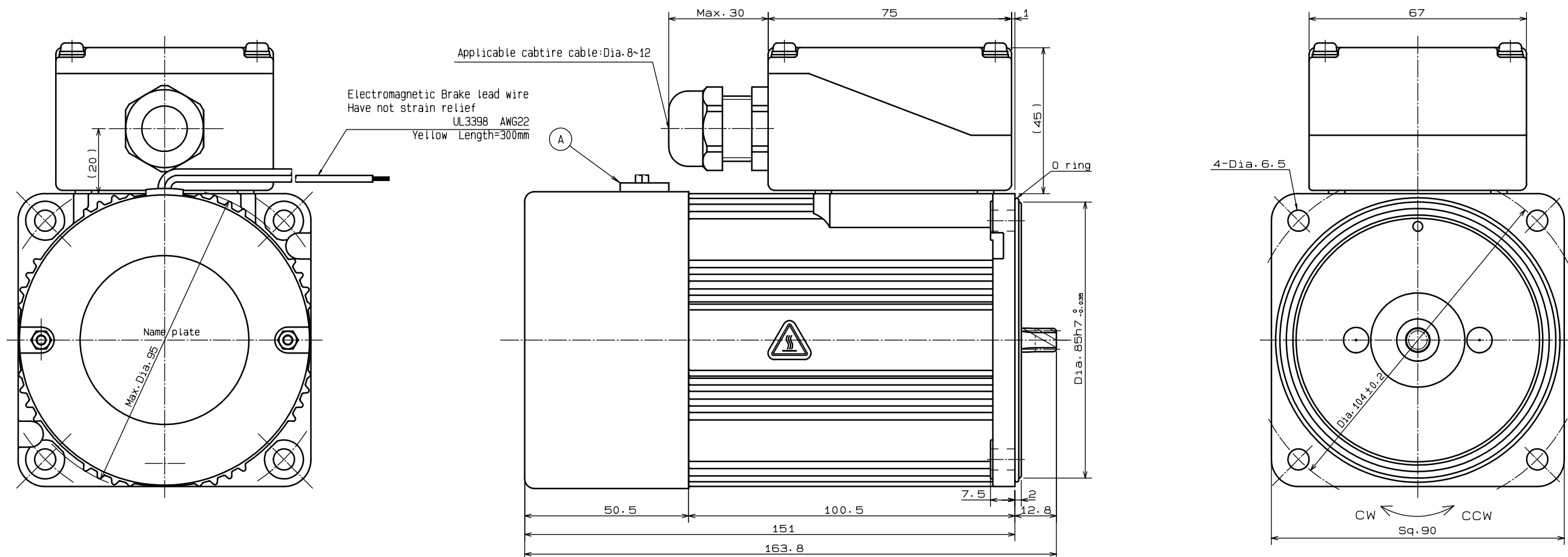
Characteristics

Voltage	Frequency	rated current	rated input	rated speed	rated torque	starting torque	starting current	Brake input	Brake current	Holding brake torque
200V	50Hz	0.31A	69W	1350min ⁻¹	0.28N·m	0.72N·m	0.90A	7W	0.05A	0.20N·m
200V	60Hz	0.29A	68W	1625min ⁻¹	0.24N·m	0.51N·m	0.82A	7W	0.05A	0.20N·m
220V	60Hz	0.28A	66W	1675min ⁻¹	0.23N·m	0.63N·m	0.91A	7W	0.05A	0.20N·m
230V	60Hz	0.29A	66W	1675min ⁻¹	0.23N·m	0.69N·m	0.96A	7W	0.05A	0.20N·m

9					10					11				
General Dimension Tolerance (+)														
Assembly					Angle		Dimension of A 							
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°						

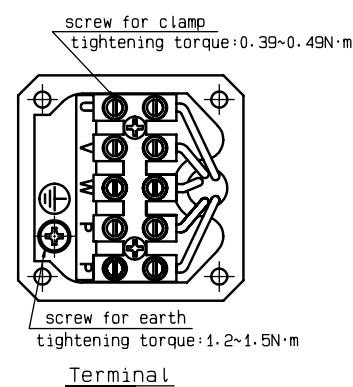
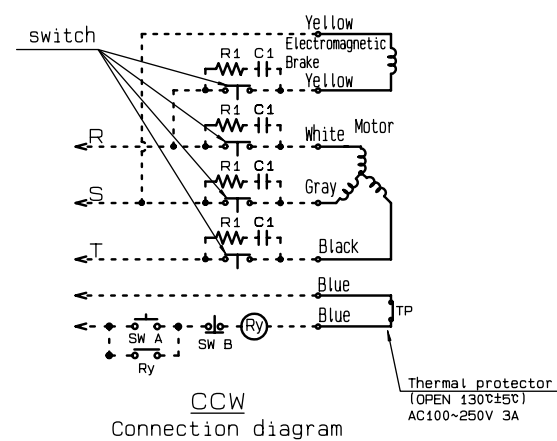
Reduced drawing


IP44: Applied when the direction of the lead wire hole (A) is downwards



General specification

1. Operational condition: ambient temperature -10℃~+40℃, the humidity: less than 85%RH.
2. Shaft end edges assumes it less than 5/100(TIR).
3. Please do not disassemble the motor.
(It causes abnormal noise.)
4. This motor has a thermal protector.
5. Body color is dark brown.
6. An electromagnetic brake operates by switching it off.
It remove by switching on.
7. A position of a switch please obey a connection diagram.
8. Please use R1+C1 for protection between the point of contact of a switch. There is optional DV0P008.
A commercial article: R1=10~200Ω·More than 1/4W,
C1=0.1~0.33μF·More than 250V.
9. As for the life of this motor, an electromagnetic brake is 1,000,000 times at permission inertia in 0.735kg·cm².
10. Applicable gear head: MX9GDM(metal bearing)
MX9GDB(ball bearing)
11. Applicable decimal gear head: MX9G10XB.
12. When put a gear head together, please confirm that an O ring attached to a motor.
(If there is not an O ring, it cause an oil blur.)



Scale	MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD.				Agreement	Model	M9MX40GR4YG1
1 : 1	 3rd Angle System Unit:mm Weight:2.8kg						
Designed	Drawn	Checked	Checked	Checked	Name	OUTLINE DRAWING	
KITAMURA	KITAMURA			WADA	No.	SQ-MIM0169501	
2007/02/09	2007/02/09			2007/02/09			