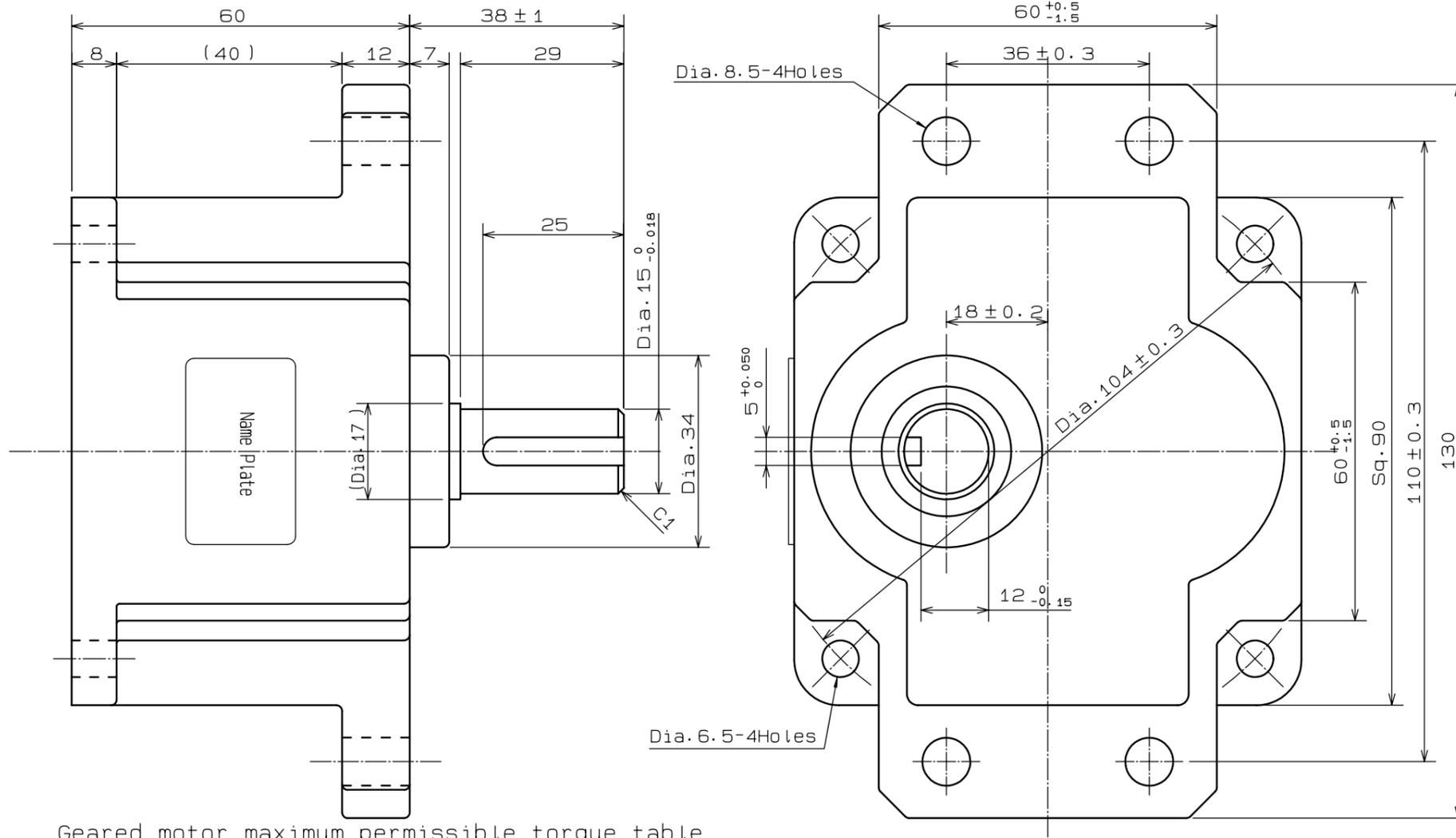


Compact AC geared motor

Type : Gear head
 Model : MY9G3B~MY9G200B
 Bearing type : Ball bearing

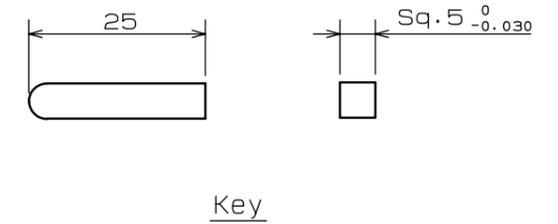


General Specification

- Ambient temperature: -10°C~+40°C
- Ambient humidity: Less than 85%RH
- Maximum overhung load: 588N
remarks: Point of 19mm from the shaft-end.
- Maximum thrust load: 147N
- Paint : Dark brown.
- Shaft Deflection: Less than 0.05mm
measured at 3mm
from the shaft-end.
- Applicable Motor: 90mmsq.
- Accessories

Hexagon socket head cap screws	M6 P1.0 length 25mm	4Pieces
Plain washers	for M6	4Pieces
Nuts	M6 P1.0	4Pieces
Key	as par drawing	1Piece

- Attach the pulley or sprocket to the bottom end of the output shaft.



Geared motor maximum permissible torque table

Model	MY9G 3B	MY9G 3.6B	MY9G 5B	MY9G 6B	MY9G 7.5B	MY9G 9B	MY9G 10B	MY9G 12.5B	MY9G 15B	MY9G 18B	MY9G 20B	MY9G 25B	MY9G 30B	MY9G 36B	MY9G 50B	MY9G 60B	MY9G 75B	MY9G 90B	MY9G 100B	MY9G 120B	MY9G 150B	MY9G 180B	MY9G 200B	
Nominal gear reduction ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	50	60	75	90	100	120	150	180	200	
Actual gear reduction ratio	3.02	3.61	5.03	6.02	7.58	9.06	10.2	12.3	14.8	18.0	19.9	25.5	30.1	36.1	50.9	60.5	76.0	89.8	98.6	121.2	150.4	182.1	202.1	
Speed(r/min)	50Hz	500	416.7	300	250	200	166.7	150	120	100	83.3	75	60	50	41.7	30	25	20	16.7	15	12.5	10	8.3	7.5
	60Hz	600	500	360	300	240	200	180	144	120	100	90	72	60	50	36	30	24	20	18	15	12	10	9
Permissible torque (N·m)	Motor Output 60W	50Hz	0.98	1.18	1.57	1.96	2.35	2.94	3.14	3.92	4.70	5.59	6.27	7.55	9.11	11.0	15.2	17.8	19.6					
		60Hz	0.78	0.98	1.37	1.57	1.96	2.35	2.65	3.33	3.92	4.70	5.29	6.47	7.55	9.11	12.6	15.2	19.6					
	Motor Output 90W	50Hz	1.37	1.67	2.25	2.74	3.43	4.12	4.51	5.68	6.76	8.04	9.02	10.9	13.0	15.7	19.6	19.6						
		60Hz	1.18	1.37	1.86	2.25	2.84	3.43	3.72	4.70	5.68	6.76	7.55	9.21	10.9	13.0	18.3	19.6						
Direction of rotation of Output shaft	The same direction as the shaft of the motor							The opposite direction as the shaft of the motor							The same direction as the shaft of the motor									

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.					Agreement	Model	MY9G3B~MY9G200B
3rd Angle System					Unit: mm	Name	OUTLINE DRAWING
Scale	Designed	Drawn	Checked	Checked	Approved	No.	SQ-DIMA70501
1 : 1	SHIMIZU	SHIMIZU		MIYAGAWA	KOMINE		
	2001/02/07	2001/02/07		2001/02/07	2001/02/07		