

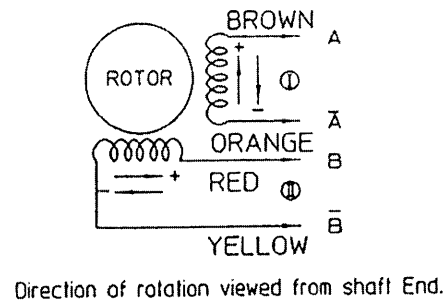
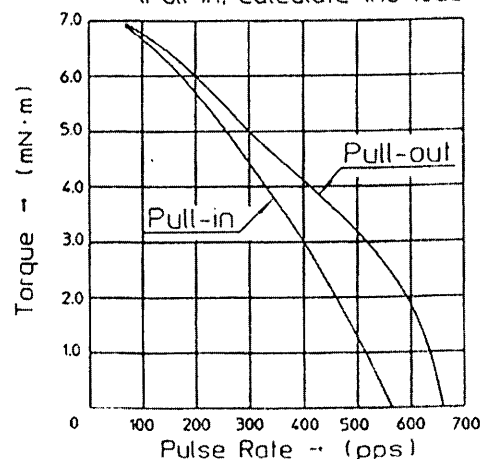
General

1. Number of Phase	2 (PM Type)
2. Excitation Mode	2-2
3. Step Angle	7.5°±5% (No Load)
4. Operating Temp. Range	-10℃~+50℃
5. Dielectric Strength	AC500V (1min.)
6. Insulation Res.	100MΩ (DC500V)
7. Insulation Class	E
8. Max. Operating Temp.	+100℃ (At the case)
9. Res. Per Winding	15Ω±7%
10. Ind. Per Winding	8.5mH (1Vrms, 1KHz)
11. Starting Pulse Rate	560pps (No Load)
12. Slewing Pulse Rate	660pps (No Load)
13. Holding Torque	13mN·m (Average)
14. Temp. Rise (Res. Method)	70K (0pps)
15. Mass	35g
16. Rotor Moment of Inertia	1.0×10 ⁻⁷ kg·m ²
17. Ambient Temp. Range	See No.8 (Operating)
18. Operating Humidity	RH85% (Non Dewdrop)
19. Ambient Temp. Range	-30℃~+80℃ (Storage)

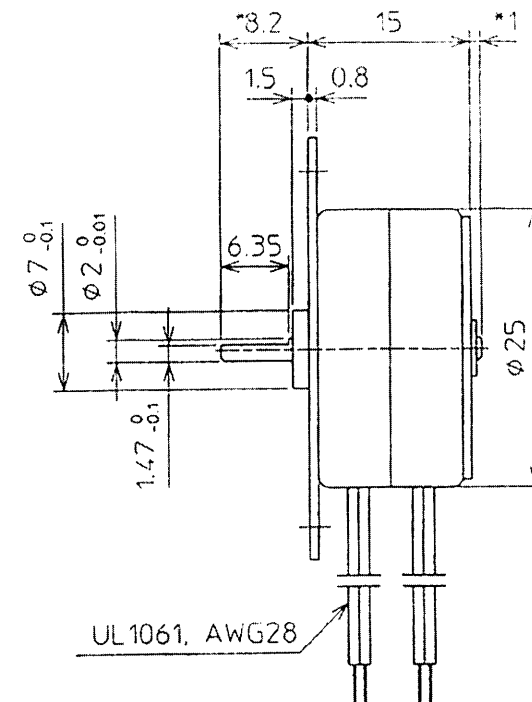
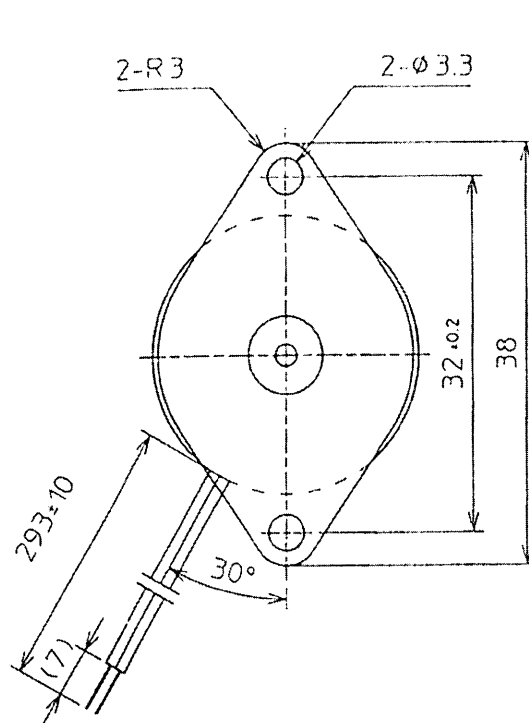
Remarks

- No. 9 to 13 are tested at the terminal voltage (4.4V ±2%), and the environment is normal temp (20℃ ±5℃), humidity range (65% ±20%).
- No.13, Dynamic Torque characs are value by using torque meter.
- Test D.U. is CD40481.

Dynamic Torque characteristics
(Pull-in; calculate (No load))



NO	⊕	⊖
1	+	+
2	-	+
3	-	-
4	+	-



Note

- Tolerance : ±0.5, ±5°
- However, it should be noted that * indicates dimension where the shaft being pressed toward motor-side.
- End Play : 0.5 Max.
Radial Play : 0.05 Max.
- Max. Axial Force : 50N
- Strength : 100N (Case to plate)

△			Scale	Third	Name	PF25-4804
△			2/1	Angle		
△				Projection	Dimensions(mm)	
△	2003.11.07	Change lead length				