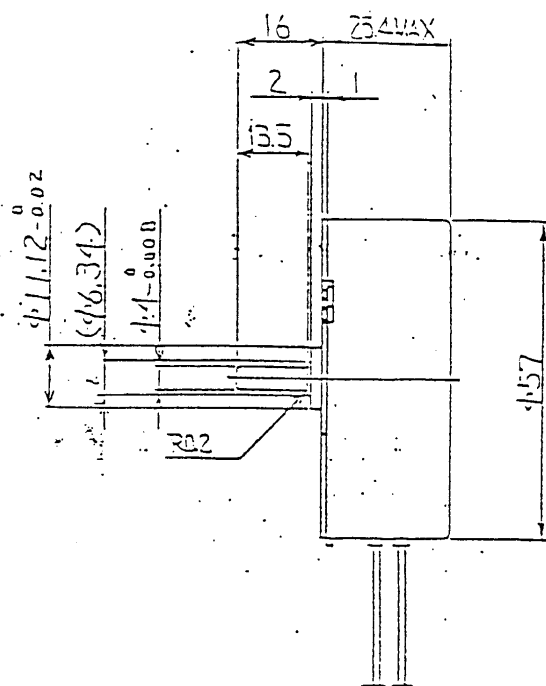
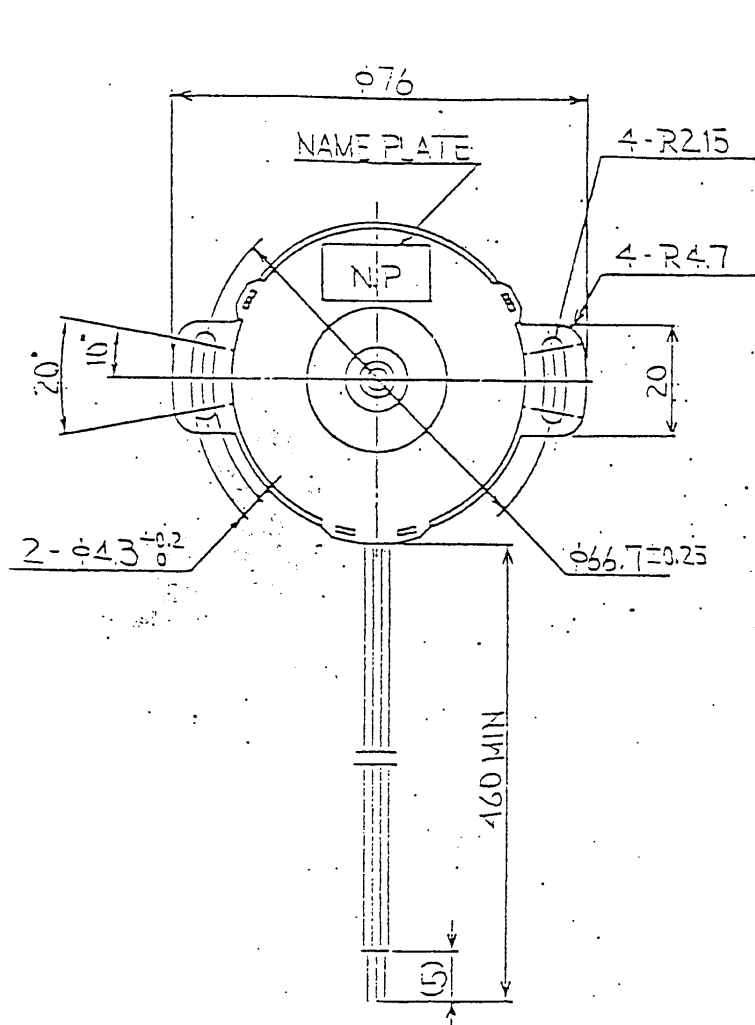


ASTROSYN

A358-3

TECHNICAL DATA

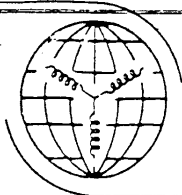


RATING

Voltage	DC. 12V.
Current	0.33 A/phase
Number of phase	4
Excitation	2-phase excitation
Step angle	7.5° = 30' (at rotor shaft)
Duty	Continuous

SPECIFICATION

Inductance	30 ± 20%	mH (at 1KHz)
Winding resistance	36 ± 10%	ohm (at 20°C)
Pull-out torque	580	g-cm min. (at 10 pps input)
Pull-in rate	130	pps min.
Temperature rise	50 deg. max.	at 12V. 200 pps.
Insulation class	Class E	



ASTROSYN

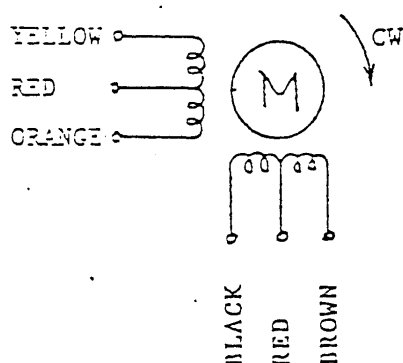
A358-3

Page 2 of 2

TECHNICAL DATA

OTHERS

Holding torque	866 g-cm min. at DC 12V (at rotor shaft)
Insulation resistance	100M-ohm min. with DC 500V tester, at normal temp. and humidity, leads to casing
Dielectric strength	500V, 50 Hz for 1 minute, at normal temp. and humidity, leads to casing
Weight	Approx. 250 g
Dimension	As per attached drawing
Surface treatment	MEZn3-C plating
Lead wire	UL1007, AWG#24
Ambient temperature	-20°C to 70°C
Driving unit	Model: PD-420 (see diagram)
Rotation	Reversible
Connection diagram	As below



Sequence of excitation

	1	2	3	4
YELLOW	ON	ON		
ORANGE			ON	ON
BLACK		ON	ON	
BROWN	ON			ON

When excited in this sequence, rotation is CW seeing for shaft side.

