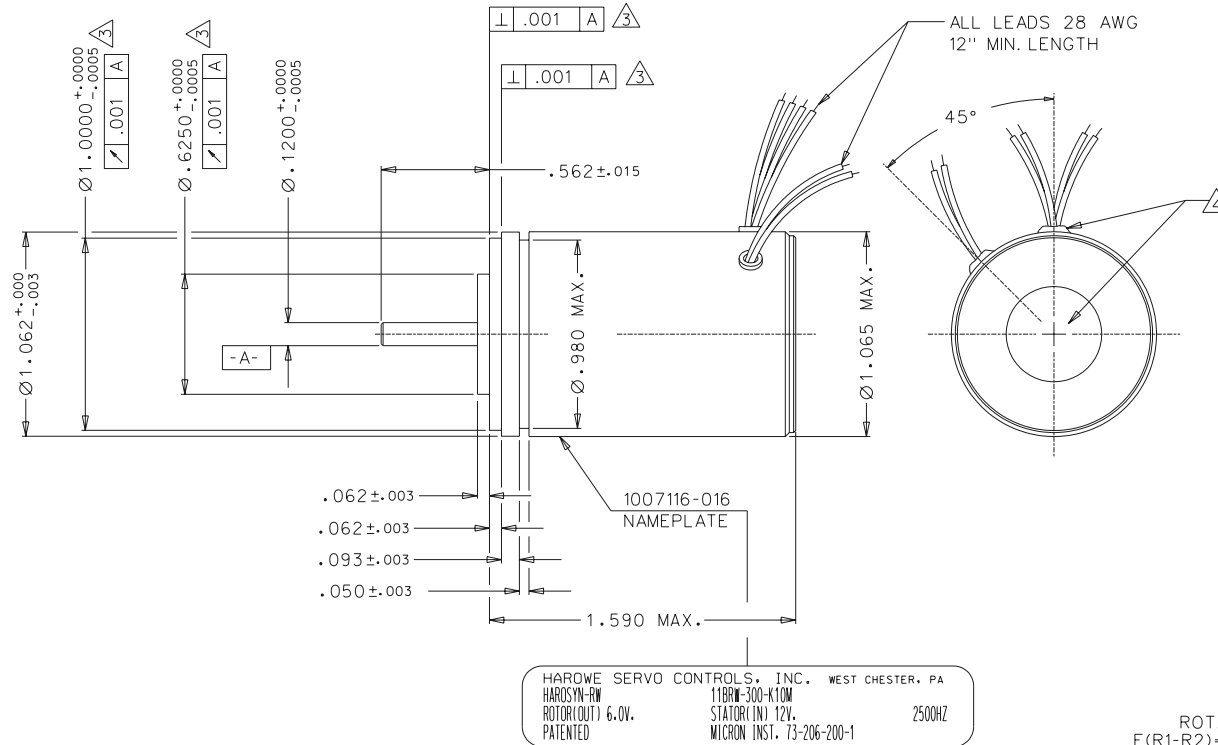


NOTES:

- 1 SHAFT END PLAY MEASURED WITH A 8 OZ. REVERSE GAGE LOAD.
 2 RADIAL PLAY MEASURED WITH A 4 OZ. REVERSE GAGE LOAD.
 3 MEASURED IN A VERTICAL POSITION.
 4 UNIT HAS TEFLON SHAFT SEAL IN FRONT WITH LEADS EXITS AND REAR OF UNIT SEALED WITH EPOXY.



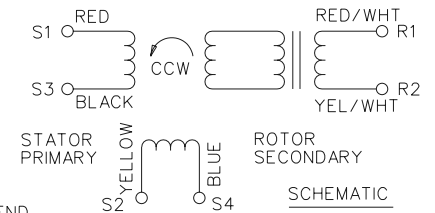
TYPICAL MECHANICAL DATA

TEMPERATURE RANGE	°C	-55 to +125
FRICTION @+25°C	GM-CM	4
FRICTION @-55°C	GM-CM	8
ROTOR MOMENT OF INERTIA	GM-CM ²	3.6
1 SHAFT END PLAY		.001 to .002
2 SHAFT RADIAL PLAY		.001 MAX.
SHAFT RUNOUT	F.I.R.	.001 MAX.
WEIGHT	GRAMS AVG.	116

TYPICAL ELECTRICAL DATA

INPUT VOLTAGE	@ 2500HZ	VOLTS	12
INPUT CURRENT		MAX. MA	6.5
INPUT POWER		NOM. WATTS	.035
IMPEDANCE ZSO		OHMS	1150+j1900
IMPEDANCE ZSS		OHMS	330+j750
IMPEDANCE ZRO		OHMS	440+j750
IMPEDANCE ZRS		OHMS	135+j285
TRANSFORMATION RATIO		±5%	.500
OUTPUT VOLTAGE		±5 VOLTS	6
D.C. ROTOR RESISTANCE		±10% OHMS	23
D.C. STATOR RESISTANCE		±10% OHMS	74
SENSITIVITY		MV/DEG	105
MAX. ERROR		MINUTES	±6
PHASE SHIFT (OPEN CIRCUIT)			-2°
NULL VOLTAGE (TOTAL) RMS		MV	20
HIPOT TO CASE	60HZ	VRMS	500
HIPOT BETWEEN PHASES	60HZ	VRMS	250

FILENAME: 11BRW004.DGN



DANAHER INDUSTRIAL CONTROLS

PROPRIETARY RIGHTS OF HAROWE ARE INCLUDED IN THE INFORMATION DISCLOSED HEREIN. DO NOT DUPLICATE OR DISCLOSE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF HAROWE.

OUTLINE & PERFORMANCE SPECIFICATIONS

SYNCHRO-RESOLVER-BRUSHLESS

DWG. NO. 11BRW-300-K10M

J

Tolerancing Complies With ANSI/ASME Y14.5M-1986

CHG. REVISIONS DATE APPR.

CHG. REVISIONS DATE APPR.

J ECO#14101 4/94 RKT

CODE IDENT NO. 58655