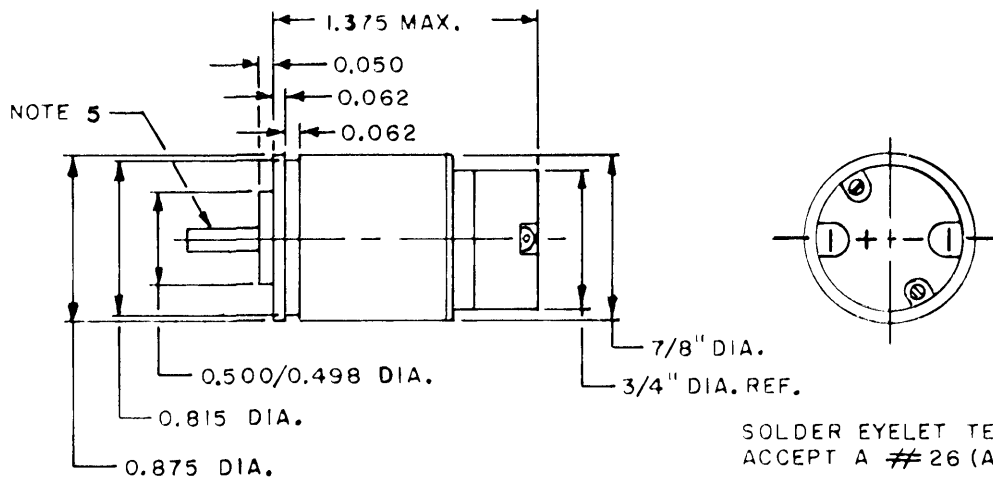
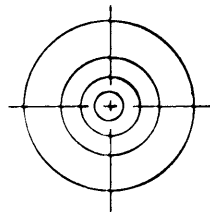


PERFORMANCE AT 25°C — ④		REVISIONS	A	NEW DRAWING	—	—	—	—	—	—	—	—	—	—
BREAKAWAY TORQUE (IN-OZ)	0.20	MAX.												
START VOLTAGE (VDC)	3.0	MAX.												
INPUT VOLTAGE (VDC)	27	NOM.												
AT NO LOAD														
SPEED (RPM)	13,300	NOM.												
BIDIRECTIONAL ERROR (%)	10	MAX.												
CURRENT (MA)	80	MAX.												
AT RATED LOAD (IN-OZ)		0.3	TEST POINT											
SPEED (RPM)	11,220	NOM.												
CURRENT (MA)	156	NOM.												
AT STALL														
TORQUE (IN-OZ)	1.8	REF.												
CURRENT (MA)	810	REF.												
RESISTANCE (OHMS)	33	NOM.												
TORQUE CONSTANT (IN-OZ/AMP)	2.22	NOM.												
INDUCTANCE (MH)	6.90	REF.												
BACK EMF (V/RAD/SEC)	.016	REF.												



SOLDER EYELET TERMINALS  
ACCEPT A #26 (AWG) WIRE

- ③ FOR SHAFT DATA REFER TO THE APPLICABLE SHAFT RIDER.
  - ④ NOM VALUES PER TP-1397. REF VALUES FOR INFORMATIVE PURPOSES ONLY.
  - ③ END PLAY IS MEASURED WITH A 1.0 LB. REVERSING LOAD.
  - ② RADIAL PLAY IS MEASURED NEXT TO BEARING UNDER AN 8 OZ. REVERSED GAGE LOAD.
  - ① ANGLES ±1°. DECIMALS ±0.005. FRACTIONS ±1/64. SHARP EDGES AND BURRS REMOVED.
- NOTES UNLESS OTHERWISE SPECIFIED:

ROTATION	CCW	
OPERATING TEMP RANGE	-55 TO +100°C	
ROTOR INERTIA (GM-CM <sup>2</sup> )	2.7	REF.
HIPOT - ARMATURE TO GRD	500 VAC - 60 HZ.	
SHAFT RADIAL PLAY ②	0.001	MAX.
SHAFT END PLAY ③	0.001 - 0.005	MAX.
MATERIALS:		
HOUSING	S.S.	
WEIGHT (OZ)	2.0	MAX.

DRAWN 19 <i>D. D. D.</i>	DATE 6-2 77	<b>MOOG</b> COMPONENTS GROUP		
CHECKED				
ENGR. <i>J.B. Hebelman</i>	DATE 6-1-77	TITLE (FUNCTION) <b>D. C. MOTOR</b>		
RELEASED <i>P. R. D. &amp; M. L.</i>	DATE 6-2 77	SIZE <b>A</b>	CODE IDENT. <b>86197</b>	DRAWING NO. <b>42300A-□□-45</b>