

2

V

1

B

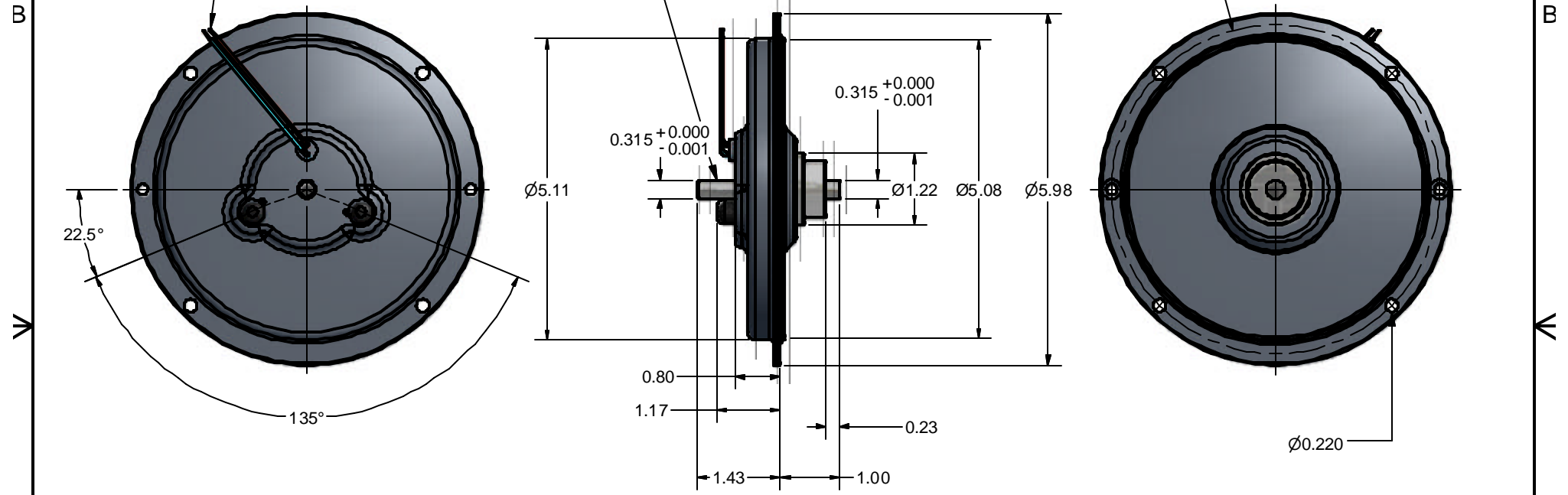
B

V

V

A

A



PERFORMANCE SPECS	UNITS
Peak Torque	478 oz-in
Rated Speed	3000 RPM
Rated Continuous Torque @ 25 C	40 oz-in
Rated Power Output	90 Watts
Continuous Stall Torque	41 oz-in
Cogging Torque	0.0 oz-in
Rated Terminal Voltage	21.6 Volts
Rated Continuous Current	7.5 Amps
Peak Current	81 Amps
Continuous Stall Current	7.4 Amps
Back EMF Constant +/- 10%	5.00 V/kRPM
Moment of Inertia	0.0190 oz-in-sec ²
Torque Constant +/- 10%	6.77 oz-in/Amp

DRAWN	5/3/2007
Sal	
MFG	
APPROVED	

UNLESS OTHERWISE SPECIFIED:
 1. DIMENSIONS ARE IN INCHES
 2. TOLERANCES
 ANGLES ±1°-30'
 3. PLACED C ±.005
 4. SURFACE ROUGHNESS ON
 MACHINED SURFACES
 5. REMOVE ALL BURRS, BREAK SHARP
 EDGES TO .015 IN. MAX.
 6. DIM. LIMITS ARE H/D. AFTER PLATING
 7. MACHINED DIAS. ON A COMMON
 CENTER
 8. LINE CONCENTRIC W/IN .005 T.I.R.
 9. UNMACHINED DIAS. CONCENTRIC
 WITHIN .031 T.I.R.
 10. SQUARENESS AND PARALLELISM OF
 MACHINED SURFACES .002 PER INCH
 TO A MAX. OF .012 FOR A SINGLE
 SURFACE.

TITLE		
12AFB001		
PART NO	JOB NO	REV
12AFB001		
SCALE	SHEET 1 OF 1	
	1	