



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 Sal 5/3/2007		UNLESS OTHERWISE SPECIFIED 1. DIMENSIONS ARE IN INCHES 2. TOLERANCES: ANGLES +/- 0-30 3. PLACE DEC +/- .005 4. PLACE DEC +/- .010 5. SURFACE ROUGHNESS ON <input checked="" type="checkbox"/> MACHINED SURFACES: 6. REMOVE ALL BURRS, BREAK SHARP EDGES TO .015 IN. MAX. 7. DIM. LIMITS ARE HELD AFTER PLATING 8. MACHINED DIAS. ON A COMMON CENTER. 9. LINE CONCENTRIC WITHIN .005 T.I.P. 10. UNMACHINED DIAS. CONCENTRIC WITHIN .031 T.I.P. 11. SQUARENESS AND PARALLELISM OF MACHINED SURFACES .002 PER INCH TO A MAX. OF .012 FOR A SINGLE SURFACE.	TITLE 12AFB001	
APPROVED			PART NO 12AFB001	JOB NO
		REV		
		SCALE	SHEET 1 OF 1	