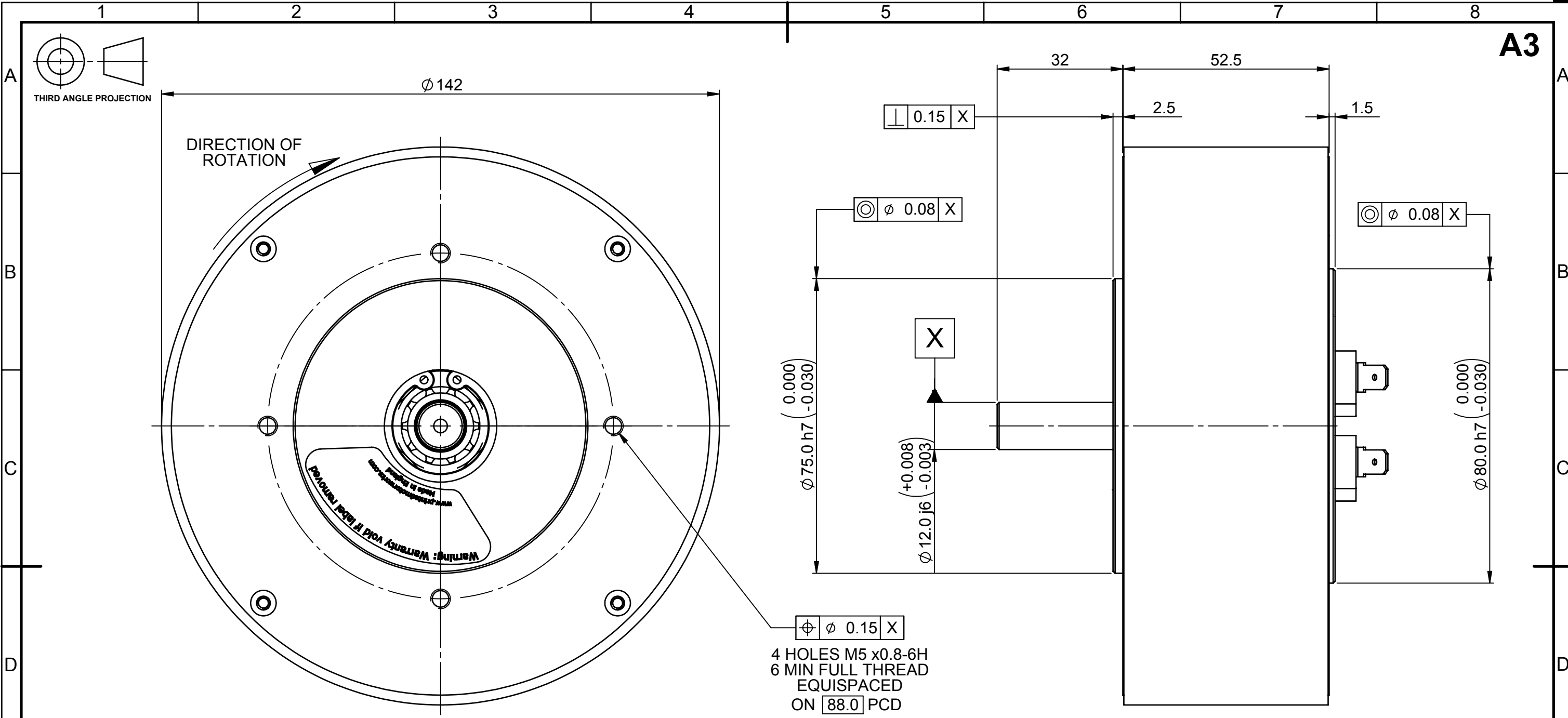


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**MOTOR RATINGS.**

VOLTAGE..... 43 Vdc  
 CURRENT..... 8.8 Amps  
 TORQUE..... 90.0 Ncm  
 SPEED..... 3000 r.p.m  
 POWER..... 284 Watts

**MOTOR CONSTANTS.**

VOLTAGE.....Ke 11.5 V/1000 r.p.m  
 TORQUE.....Kt 11.0 Ncm/ Amp  
 DAMPING.....Kd 1.28 Ncm / 1000 r.p.m  
 FRICTION.....Tf 2.8 Ncm  
 TERMINAL RESISTANCE.....0.75 Ohm

**NOTES:**

1. MAX ALLOWABLE RADIAL LOAD 140N AT RATED SPEED
2. MAX. SHAFT ENDFLOAT 0.1 UNDER A REVERSAL OF 25N THRUST
3. ELECTRICAL SPEC. No.015

GENERAL ASSEMBLY DETAILS  
 SEE DRG. 539694

LAST CHANGE DETAIL ▲				PART MARKING INDELIBLY MARK ON PART No. WHERE MARKED		TOLERANCES UNLESS STATED		DIMENSIONS mm		UNLESS OTHERWISE STATED CHAMFER OR RADII 0.13 (0.005") MAX. REMOVE BURRS & SHARP EDGES. DIMENSIONS APPLY AFTER PLATING		PRINTED MOTOR WORKS Ltd, ALTON, HAMPSHIRE. GU34 2QW. UK	
ISS.	DATE	CR No.	ZONE	INITIALS	DRAWN BY G. BELL	DATE 10/03/2010	0. ± 0.4 0.0 ± 0.1 0.00 ± 0.05 ANGULAR ± 0.5°	ESTIMATED MASS 3672.60	MATERIAL N/A		TITLE CUSTOMER OUTLINE DRAWING GM12		
03	14/04/2011	CR3639		GB	CHECKED BY RB	DATE 10/03/2010	SURFACE FINISH 1.6/▽	SCALE 1:1	FINISH N/A		DO NOT SCALE. IF IN DOUBT ASK. BS 8888	DRAWING NUMBER <b>002004</b>	SHEET 1 OF 1
02	10/03/2010	CR3369		GB	APPROVED BY	DATE							

A3

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

1 2 3 4 5 6 7 8