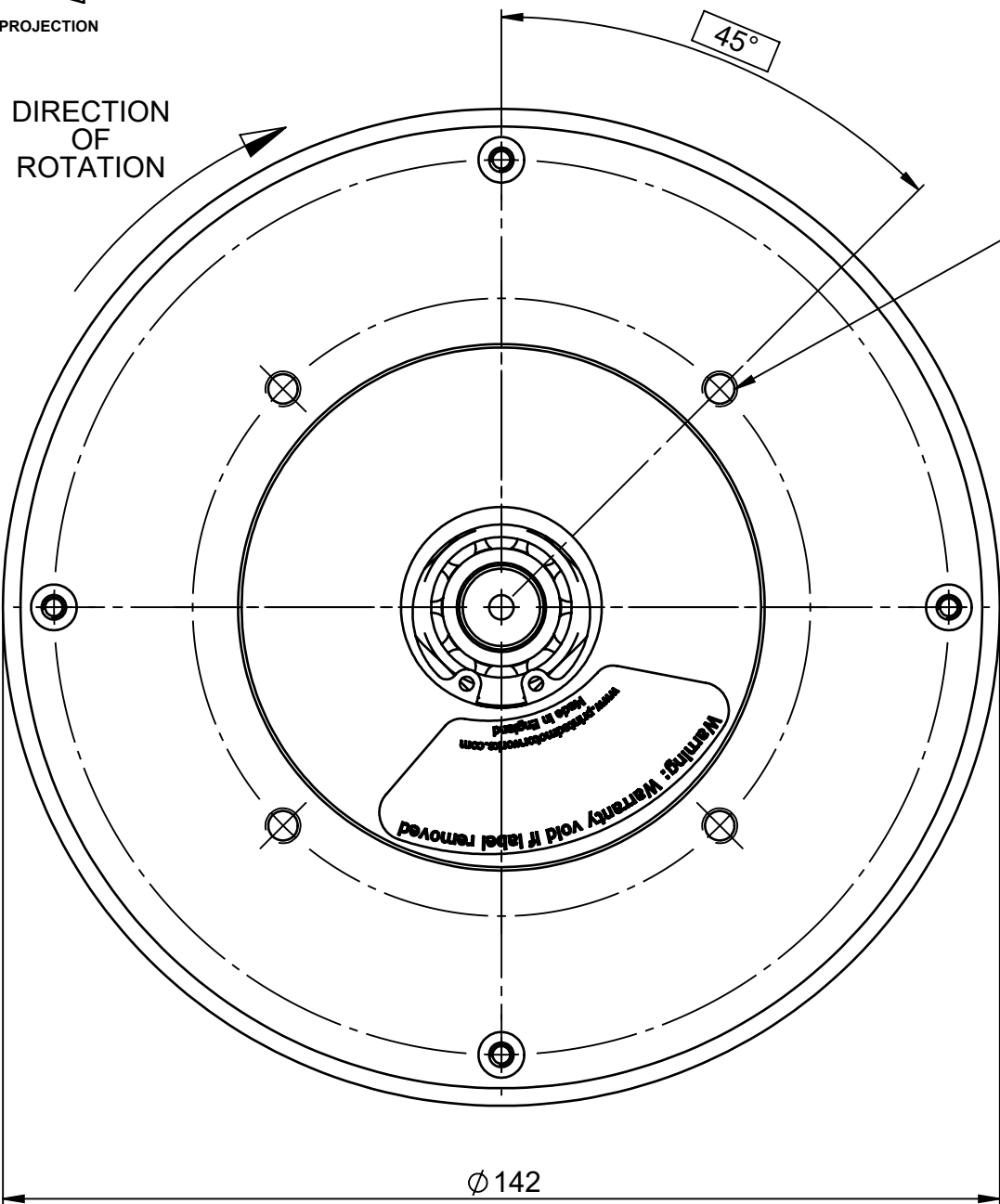


THIRD ANGLE PROJECTION

DIRECTION OF ROTATION



4 HOLES M5 x 0.8-6H
6 MIN FULL THREAD
EQUISPACED
ON 88.0 PCD

$\phi 0.15$ X

$\phi 0.08$ X

$\perp 0.15$ X

2.5

29.6

6.6

$\phi 0.08$ X

$\phi 75.0$ h8 (0.000 / -0.046)

$\phi 12.0$ j6 (+0.008 / -0.003)

$\phi 80.0$ h7 (0.000 / -0.030)

32

MOTOR LEADS
RED + POSITIVE
BLACK - NEGATIVE
300 LONG

MOTOR RATINGS.

VOLTAGE.....46 VDC
CURRENT..... 9.2 Amps
TORQUE.....1.1 Nm
SPEED.....3000 r.p.m
POWER..... 344 Watts

MOTOR CONSTANTS.

VOLTAGE.....Ke 14.1 V/1000 r.p.m
TORQUE.....Kt 13.5 Ncm/ Amp
DAMPING.....Kd 1.8 Ncm / 1000 r.p.m
FRICTION.....Tf 3.9 Ncm
TERMINAL RESISTANCE..... 0.75 Ohm

NOTES:

- MAX. SHAFT END PLAY 0.1mm UNDER A REVERSAL OF 25N THRUST
- MAX. ALLOWABLE RADIAL LOAD OF 140N AT RATED SPEED.
- ELECTRICAL SPEC. No.107

GENERAL ASSEMBLY DETAILS
SEE DRG. 5310299

LAST CHANGE DETAIL \triangle					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 15/10/2012	0. ± 0.4	0.0 ± 0.1	ESTIMATED MASS 2329.016	MATERIAL N/A	TITLE CUSTOMER OUTLINE DRAWING GN12				
03	15/10/2012	CR4109		GB	CHECKED BY RB	DATE 15/10/2012	0.00 ± 0.05	ANGULAR ± 0.5°							
					APPROVED BY	DATE	SURFACE FINISH 1.6/ ∇		SCALE 1:1	FINISH N/A	DO NOT SCALE. IF IN DOUBT ASK. BS 8888	DRAWING NUMBER 002233	SHEET 1 OF 1		

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