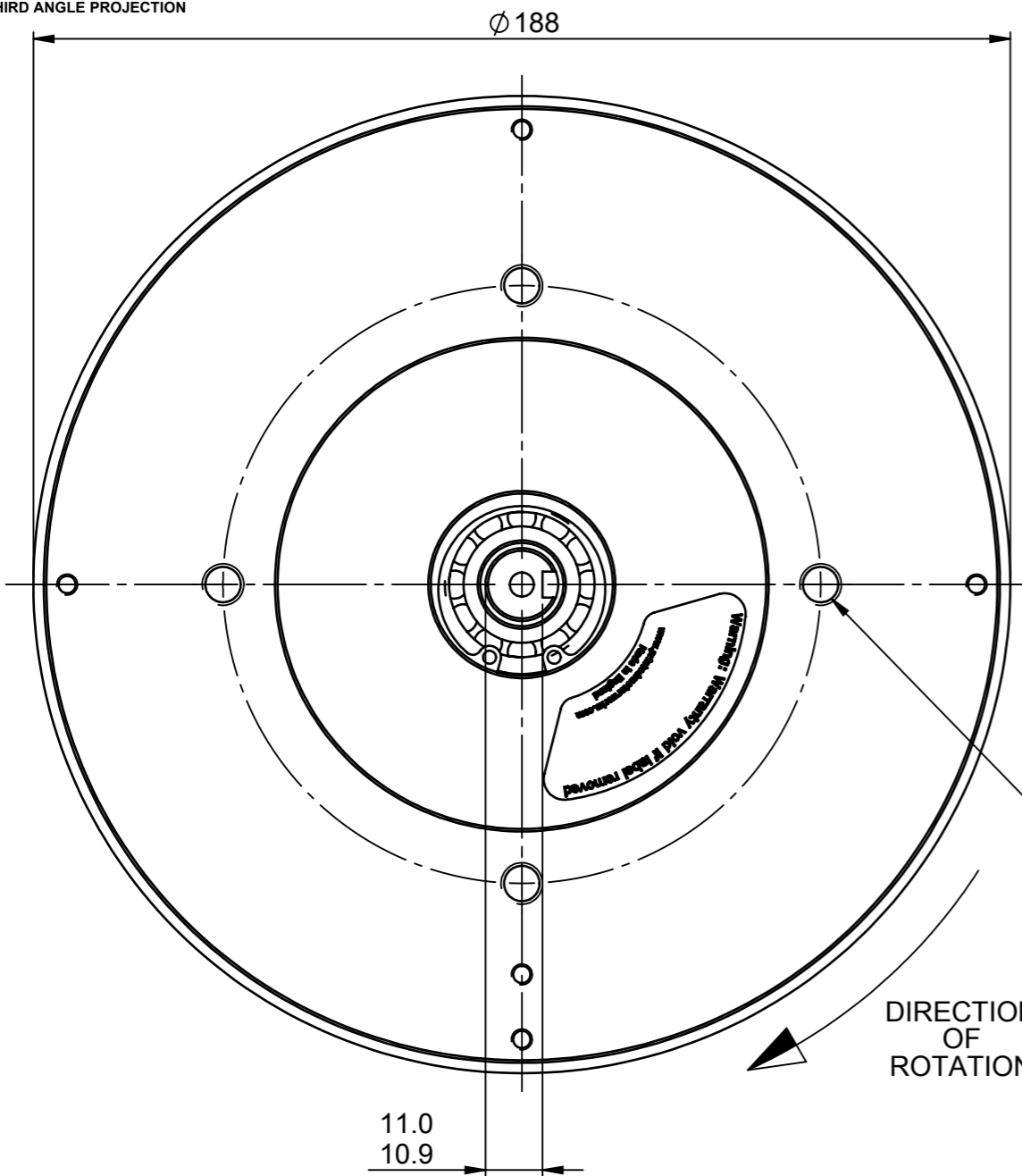
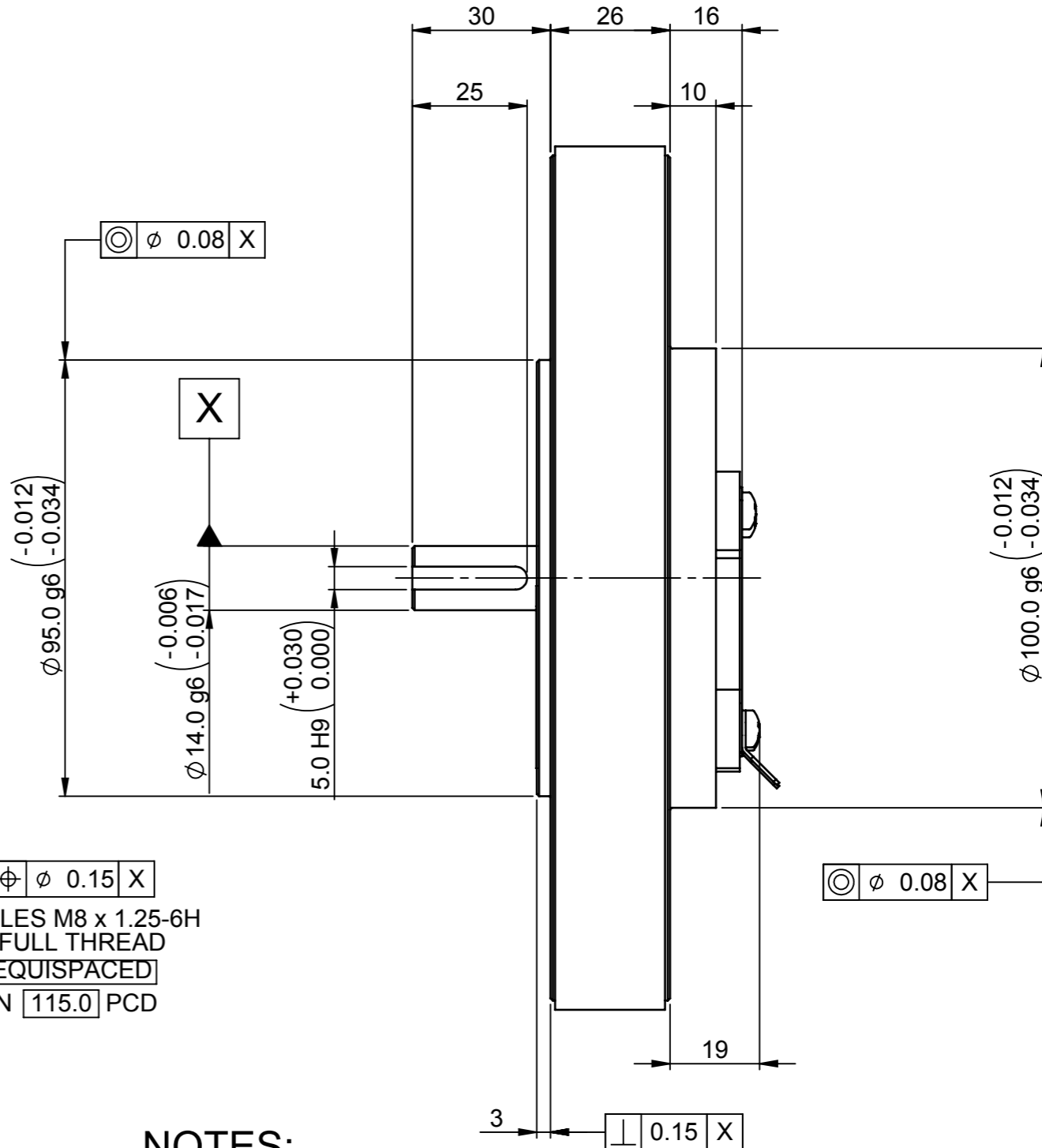


THIRD ANGLE PROJECTION



DIRECTION OF ROTATION

4 HOLES M8 x 1.25-6H
6 FULL THREAD
EQUISPACED
ON 115.0 PCD



MOTOR RATINGS.

VOLTAGE.....99.4 VDC
CURRENT.....9.4 Amps
TORQUE.....255 Ncm
SPEED.....3000 r.p.m
POWER.....800 Watts

MOTOR CONSTANTS.

VOLTAGE.....Ke 30.0 V/1000 r.p.m
TORQUE.....Kt 28.65 Ncm/ Amp
DAMPING.....Kd 3.5 Ncm / 1000 r.p.m
FRICTION.....Tf 4.3 Ncm
TERMINAL RESISTANCE....1.0 Ohm

NOTES:

1. MAX. SHAFT END PLAY 0.1mm UNDER A REVERSAL OF 25N THRUST
2. MAX. ALLOWABLE RADIAL LOAD OF 140N AT RATED SPEED.
3. ELECTRICAL SPEC. No.112

GENERAL ASSEMBLY DETAILS
SEE DRG. 5310342

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 05/12/2012	0. ± 0.4	0.0 ± 0.1	ESTIMATED MASS 5312.960	MATERIAL SEE NOTE		TITLE CUSTOMER OUTLINE GN16R			
02	05/12/2012	CR4139		GB	CHECKED BY RB	DATE 05/12/2012	0.00 ± 0.05	ANGULAR ± 0.5°							
					APPROVED BY	DATE	SURFACE FINISH 1.6/▽		SCALE 1:1.3	FINISH SEE NOTE		DO NOT SCALE. IF IN DOUBT ASK. BS 8888	DRAWING NUMBER 002247	SHEET 1 OF 1	

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