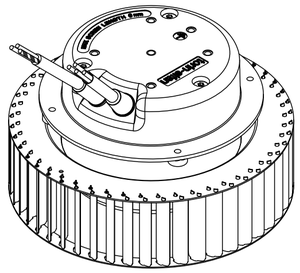
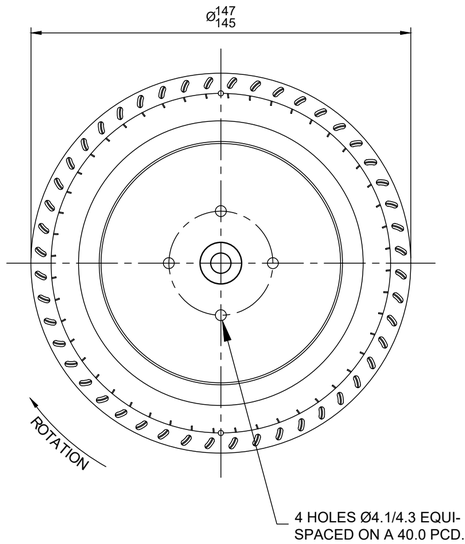
DO NOT SCALE	IF IN DOUBT PLEASE ASK		PROJECT No:- 14-0082	TEST SPEC No:- TS177278		ALPHA ISSUES RECORD PRE-PRODUCTION CHANGES	
			PERFORMANCE GRAPH No:- G11080				

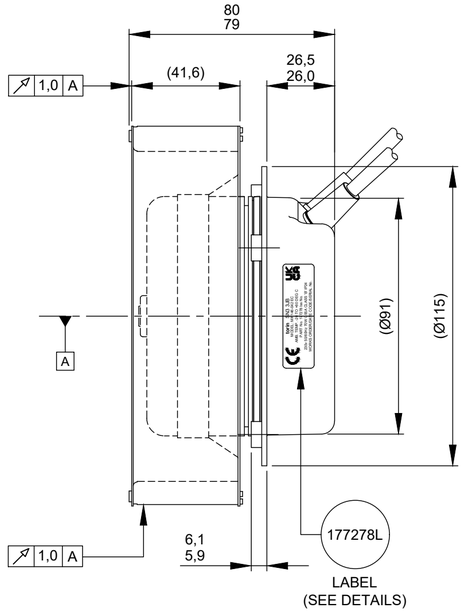


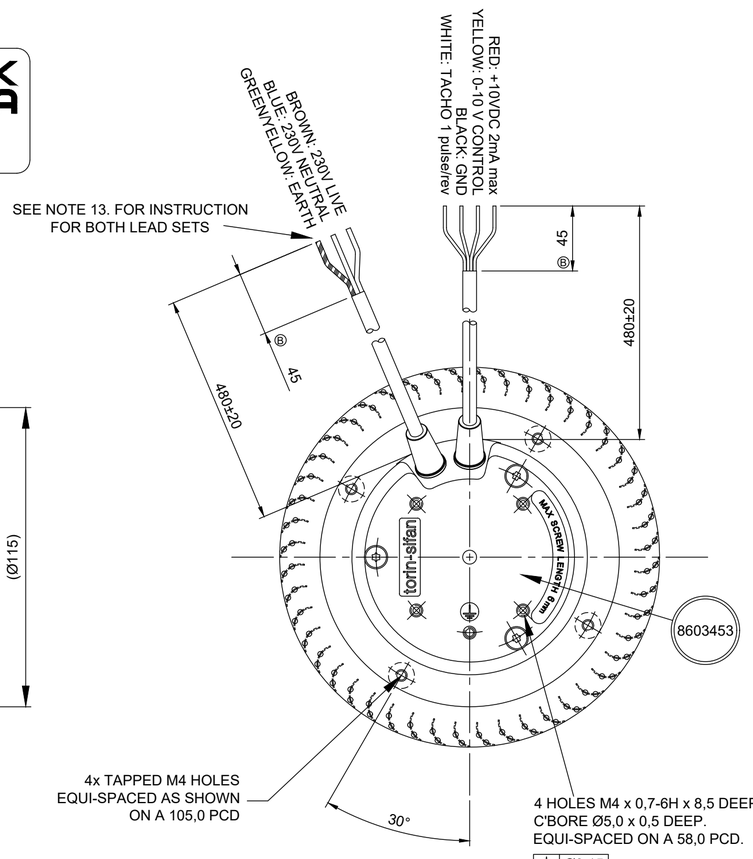
3D VIEW FOR REFERENCE ONLY

torin SN3 3JB
MODEL: MIF146-042 EC
AMB. TEMP. -20 TO +60 DEG C
PART No. 177278 Iss No.
230v 50/60Hz 70W 0.55A CLASS 'B' IP24
WORKS ORDER/DATE CODE/SERIAL No.

LABEL DETAILS







NOTES:-
SUPPLY VOLTAGE : 198 TO 264V 50/60Hz.

SPEED : VARIABLE

INSULATION : CLASS B

PROTECTION : IP24.

PCB : CONFORMALLY COATED.

BALANCE STANDARD : G2,5 AT 2500rpm.

AMBIENT TEMPERATURE RANGE : -20°C TO +60°C.

MATERIALS : IMPELLER : GALVANISED STEEL. MOTOR HOUSING : ALUMINIUM ALLOY LM6.

INTEGRATED ANTI-VIBRATION SYSTEM.

THE MEANS FOR DISCONNECTING THE ELECTRICAL SUPPLY TO THE MOTOR MUST BE INCORPORATED IN THE FIXED WIRING OF THE END PRODUCT.

THE MOTOR MUST BE SECURED TO THE END PRODUCT USING M4 SCREWS IN THE MOUNTING FLANGE OR IN THE BACK.

CUT STRIPPED ENDS OF LEADS BACK FLUSH WITH INSULATION SLEEVING AFTER FINAL TEST OF UNIT.

ALL UNTOLERANCED DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

THIS PRODUCT MUST BE EARTHED.

WARNING - ROTATING PARTS. HANDLING, INSTALLATION AND GUARDING PRECAUTIONS MUST BE TAKEN.

INSTALLATION AND OPERATION BY QUALIFIED PERSONNEL ONLY.

THIS PRODUCT IS INTENDED FOR USE WITHIN THIRD PARTY OEM EQUIPMENT. CORRECT GUARDING AND INTERLOCKING ARE THE RESPONSIBILITY OF THE THIRD PARTY OEM EQUIPMENT MANUFACTURER. THIS EQUIPMENT SHOULD NOT BE OPERATED WITHOUT APPROPRIATE GUARDS AND INTERLOCKS IN PLACE. INSTRUCTIONS AND MARKING FOR SAFE USE IN APPLICATION ARE THE RESPONSIBILITY OF THE THIRD PARTY OEM EQUIPMENT MANUFACTURER.

CARE SHOULD BE TAKEN DURING HANDLING - SHARP/POINTED EDGES MAY EXIST ON THE PRODUCT.

CORRECT CONNECTION TO THE SUPPLY MAINS IS THE RESPONSIBILITY OF THE THIRD PARTY OEM EQUIPMENT MANUFACTURER. SUITABLE SUPPLY PROTECTION AND ISOLATION MUST BE PROVIDED. EXTERNAL CABLING SHOULD NOT RUN OVER SHARP EDGES.

DAMAGE TO MAINS SUPPLY CABLES SHOULD BE REPAIRED BY QUALIFIED PERSONNEL ONLY.

CABLES SHOULD BE KEPT CLEAR OF HOT SURFACES.

ISS.	MODIFICATION	DATE	C/N NO.
3	LABEL UPDATED	28/07/25	21310
2	UKCA SYMBOL ADDED TO THE PRODUCT LABEL	29/04/21	20655
1	FIRST ISSUE	15/12/14	19447
B	LEAD STRIP DIMENSION ADDED TO LAYOUT	10/11/14	
A	PROVISIONAL	05/11/14	CTR-0175-GB

MATERIAL
SEE DETAILS

FINISH
SEE DETAILS

FIRST USED ON

SIMILAR TO
077821

DIRECTORY PATH
\ASY\MIF\146-042\

TITLE
FINAL ASSEMBLY OF MIF146-042 EC 230V

DRAWING NO.
177278

torin
Efficiency with every rotation
Greenbridge, Swindon, Wiltshire, UK SN3 3JB
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Email: sales@torin.co.uk

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PRODUCT TYPE: MOTOR IMPELLER							
TECH 1: AC ☐	EC ■	EC3 ☐					
TECH 2: AC ☐	BD ☐	CP ☐	DC ☐	ECI ■	ECR ☐		
ERP DIRECTIVE: N			Ng/EN ARTICLE: A21				

PROJECTION	DR.	CHKD	AP.	A2
	JB	RA	AS	
	DATE 05/11/14	DATE 07/08/25	DATE 08/08/25	
DRAWING GENERALLY CONFORMS TO BS 8888	DIMENSIONS IN MILLIMETRES			
ALL BS TO LATEST ISSUE	SCALE: N.T.S. (UNLESS OTHERWISE STATED)			

177278
DRAWING NO.