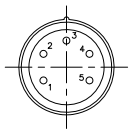
DO NOT SCALE , IF IN DOUBT – ASK

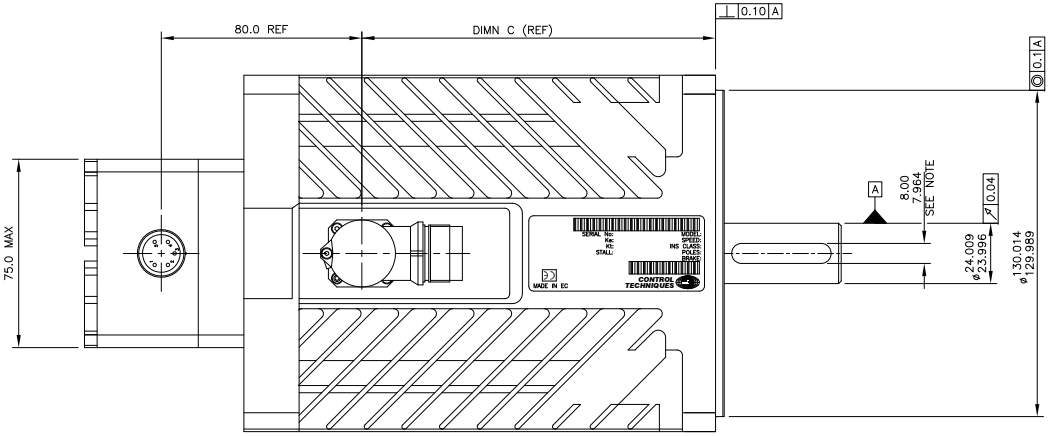
3rd ANGLE PROJECTION

SIGNAL CONNECTION (CT–CODER)	
PIN	FUNCTION
1	COM 1 \
2	0V
3	+24 V
4	0V
5	COM 1

FRONT OF MOTOR

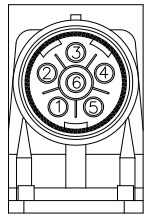


SIGNAL CONNECTOR
(VIEW FROM ARROW 'B')



POWER CONNECTOR (6 PIN) INTERCONNECTRON SIZE 1		
FUNCTION	PIN	COLOUR
PHASE U	1U	O
PHASE V	2V	R
PHASE W	4W	Y
SAFETY EARTH	⏚	G/Y
BRAKE 24V DC	5	BK
BRAKE RETURN	6	BK

TOP OF MOTOR



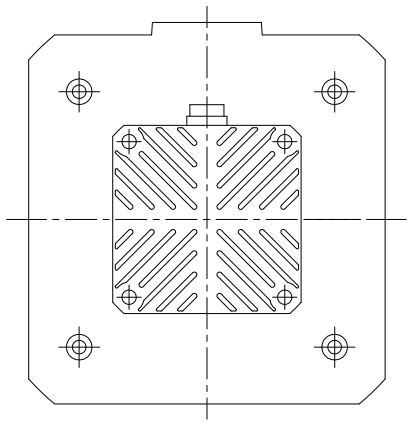
POWER CONNECTOR
VIEW ON ARROW 'A'

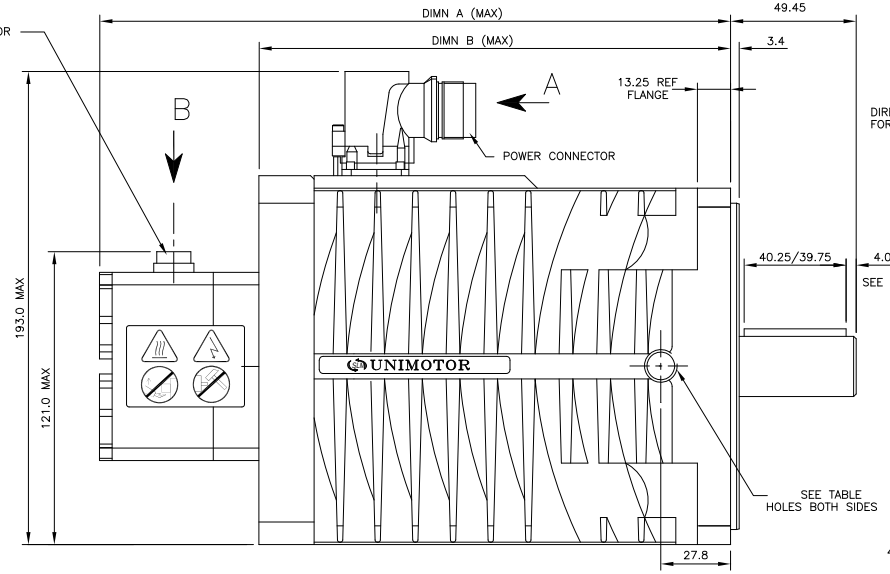
DRAWING No	UNIT No	DIMN A	DIMN B	DIMN C
IM/0556/GA/01	142 SL A	225.0	160.0	110.9
IM/0556/GA/02	142 SL B	255.0	190.0	140.9
IM/0556/GA/03	142 SL C	285.0	220.0	170.9
IM/0556/GA/04	142 SL D	315.0	250.0	200.9
IM/0556/GA/05	142 SL E	345.0	280.0	230.9
UNBRAKED				

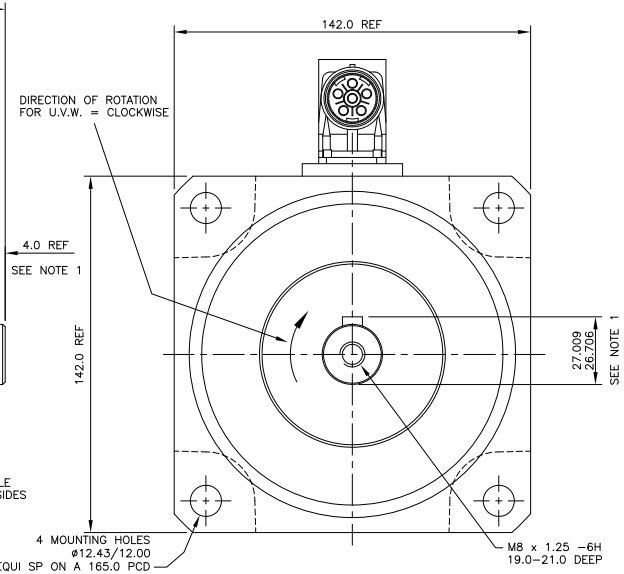
DRAWING No	UNIT No	DIMN A	DIMN B	DIMN C
IM/0556/GA/06	142 SL A	285.0	220.0	170.9
IM/0556/GA/07	142 SL B	315.0	250.0	200.9
IM/0556/GA/08	142 SL C	345.0	280.0	230.9
IM/0556/GA/09	142 SL D	375.0	310.0	260.9
IM/0556/GA/10	142 SL E	405.0	340.0	290.9
BRAKED				

SPECIAL	HOLE SIZE
SXA1	1/8" BSP
SXE1	1/4" BSP

NOTES:
1. OUTPUT KEY DIMENSIONS APPLICABLE ONLY ON REQUIRED UNITS.
2. ILLUSTRATED UNIT IS IM/0647/GA/02 AS PER 142SL B UNBRAKED.







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LIMITS ON mm DIMENSIONS UNLESS OTHERWISE STATED
1 DECIMAL PLACE ± 0.4mm
2 DECIMAL PLACES ± 0.1mm
ANGULAR ± 30'

DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

TITLE: OUTLINE DRAWING 142 SL SPECIAL

USED ON: 142SL–SX*

MATERIAL:

SPECIFICATION: IEC–72–1

FINISH:

ISS	CR No.	BY	DATE
1	16269	AR	31/10/06

FIRST ISSUE (FROM IM/0057/GA) GA

DRAWN BY: AR
CHECKED: AMW
DRN DATE: 31/10/06
APPROVED: GA
SCALE: 1:1
STATUS: I

CONTROL TECHNIQUES
CONTROL TECHNIQUES DYNAMICS LTD.
WALWORTH, ANDOVER, HAMPSHIRE, ENGLAND, SP10 5AB

DRAWING NUMBER
PREFIX No. A1
IM/0647/GA
IND
SHT. 1 OF 1 ISSUE 1