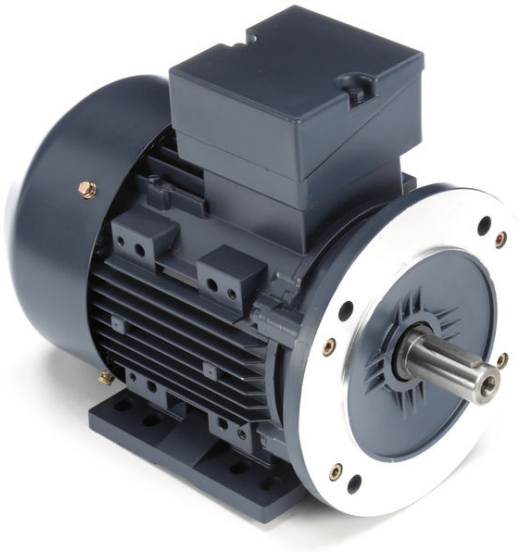
PRODUCT INFORMATION PACKET

Model No: 192245.00
Catalog No: 192245.00
1.50 HP General Purpose, 3 phase, 3600 RPM, 230/460 V, 80D Frame, TEFC
Aluminium TEFC Motors



Product Information Packet: Model No: 192245.00, Catalog No:192245.00 1.50 HP General Purpose, 3 phase, 3600 RPM, 230/460 V, 80D Frame, TEFC

Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/460 V
Current	4.0/2.0 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	84 %	Power Factor	83.6
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	D80D	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6204	Opp Drive End Bearing Size	6204
UL	Recognized	CSA	Y
CE	Y	IP Code	55

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	2.322 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	IEC	Overall Length	11.10 in
Shaft Diameter	0.750 in	Shaft Extension	1.57 in
Assembly/Box Mounting	F3		

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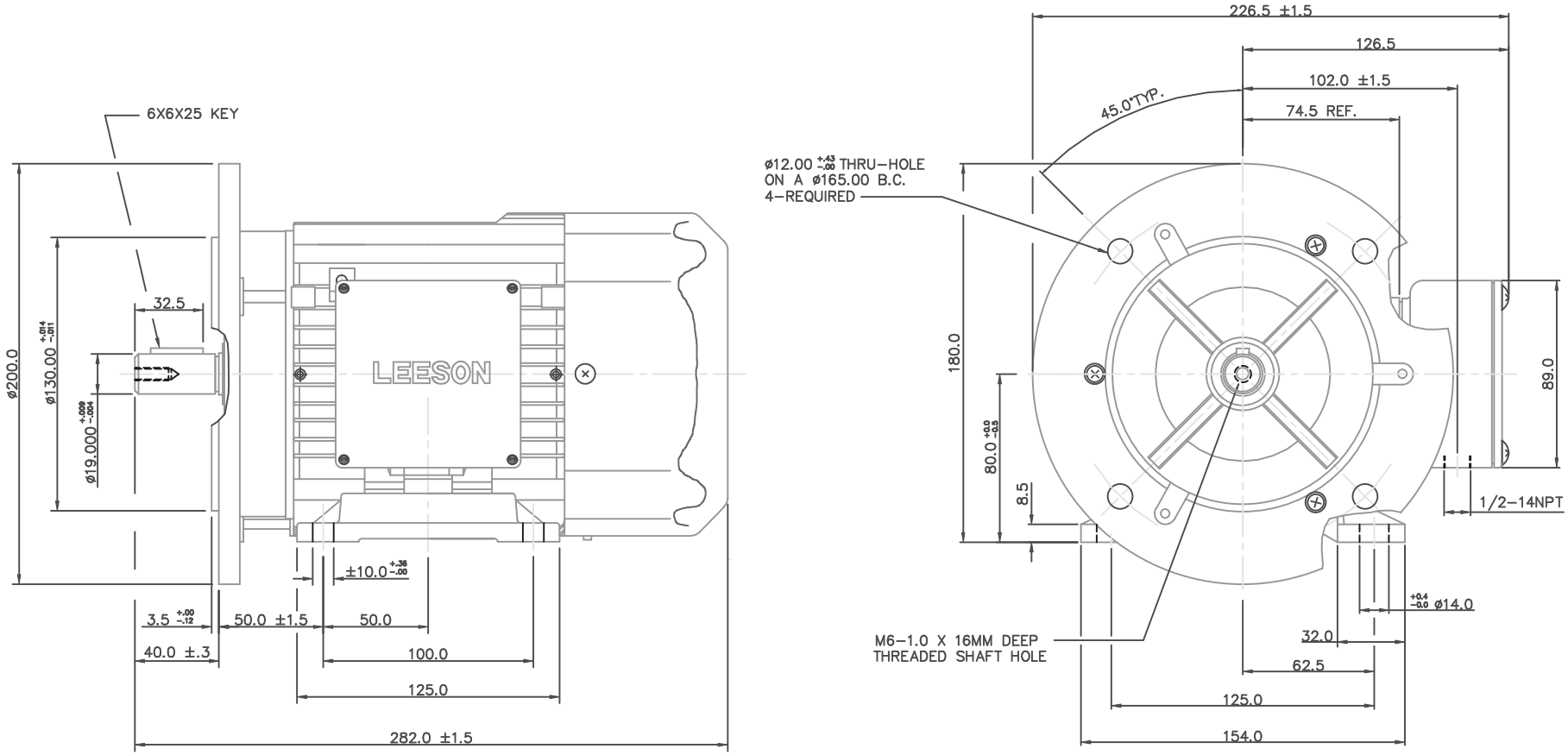


METRIC TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMAL MILLIMETERS	
.0	±.76
.00	±.13
.000	±.013

NO.	REVISION	BY	DATE

TOLERANCES UNLESS OTHERWISE SPECIFIED	
DECIMALS	
.00	± .03
.000	± .005
.0000	± .0005
FRACTIONS	± 1/64
ANGLES	± 1/2°
INCH/MM	

LEESON ELECTRIC CORPORATION

DRAWN	LEM 10/15/99
CH'K'D.	ADS 10/18/99
APPR.	ADS 10/18/99
MAT'L.	ALUMINUM
SCALE	1=2
REF.	OSVC-300-568
FMF	

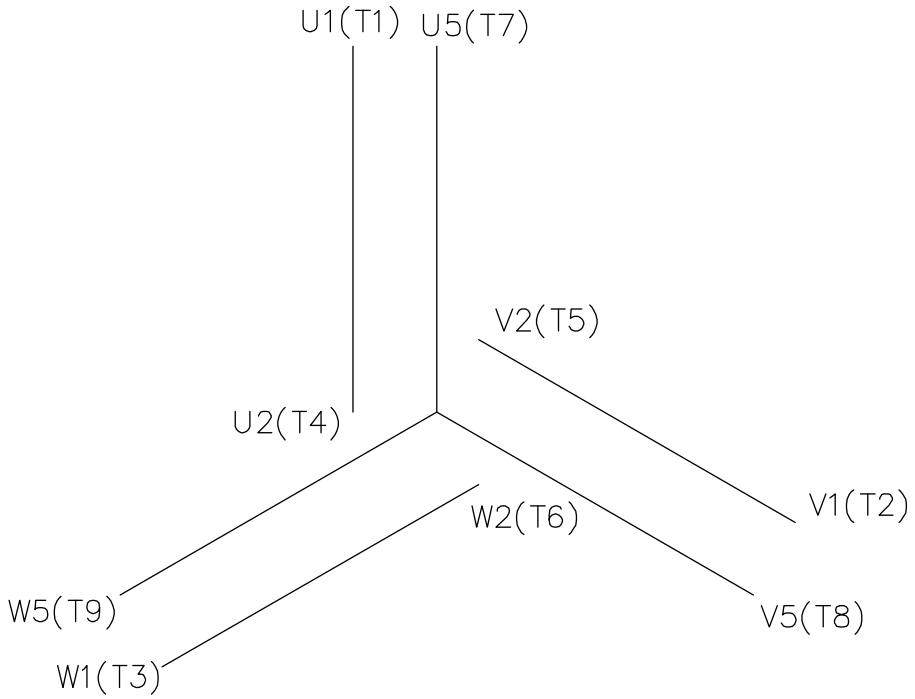
TITLE: METRIC OUTLINE – IEC D80 FRAME
B3 FOOT AND B5 FLANGE MOUNTS

FINISH:

SIZE: B

DRAWING NO.: 169595-00

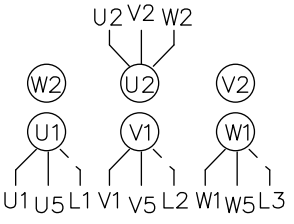
005465-01



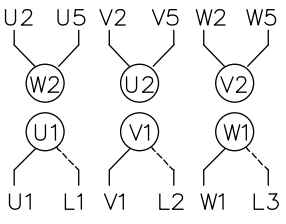
REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS

LOW VOLTAGE



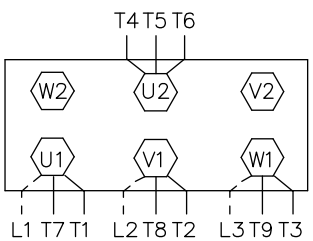
HIGH VOLTAGE



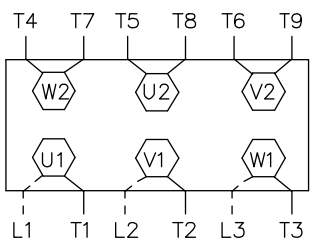
LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	U1,U5	V1,V5	W1,W5	---	U2,V2,W2	---
HIGH	U1	V1	W1	U2,U5	V2,V5	W2,W5

NEMA MARKINGS

LOW VOLTAGE



HIGH VOLTAGE



LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	T1, T7	T2, T8	T3, T9	---	T4,T5,T6	---
HIGH	T1	T2	T3	T4, T7	T5, T8	T6, T9

NO.	REVISION	BY & DATE	CHK
01	NEMA LV CONNECTION WAS INCORRECT	RLW 8/4/03	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE EXTERNAL WIRING DIAGRAM
3 PHASE – DUAL VOLTAGE – W/TERM BLOCK

MAT'L. IEC/NEMA MARKINGS

FINISH THERMAL TRANSFER

CAD FILE 00546501

RFP

DIST

DRAWN MGM 12/3/02
CHK
APPD
SCALE 1=1
REF 00537703
FMF
PREV

SIZE A | DRAWING NO. 005465-01 | REV. 01