

PRODUCT INFORMATION PACKET



Model No: 182TTDW14008

Catalog No: C104B

General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
182TC Frame, DP

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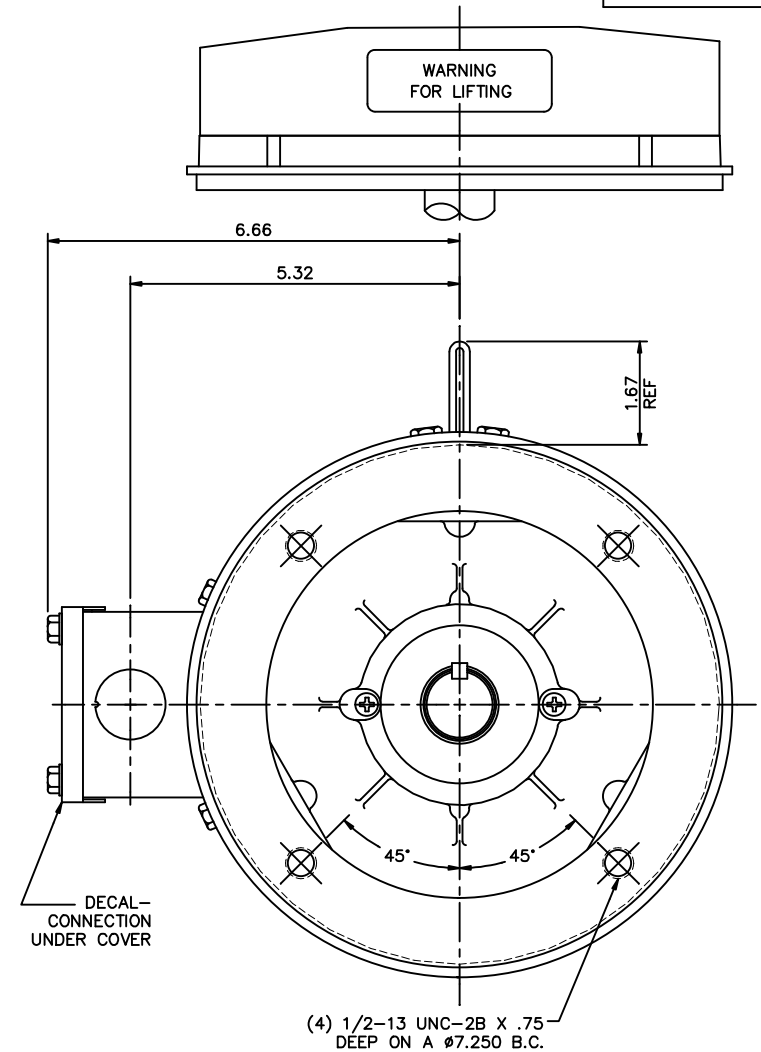


Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3505 & 2940 rpm	Service Factor	1.15 & 1.15
Frame	182TC	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	85.5 & 85.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 9.6/4.8 A	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	2.8 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.73 in
Frame Length	9.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01ME	Outline Drawing	035574-900



GASKETS THROUGHOUT

MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

DASH NO.	"C"	"AD"
850	13.23	7.88
900	13.73	8.38
950	14.23	8.88
1000	14.73	9.38
1050	15.23	9.88
1100	15.73	10.38
1150	16.23	10.88

				TOLERANCES UNLESS SPECIFIED		DRAWN KVN 09/13/2007
			DEC.	INCHES		CHK
			.X	±.1		APPD RDW
			.XX	±.03		SCALE 1=2
			.XXX	±.005		REF 035478
			.XXXX	±.0005		FMF 182TDB204
NO.	REVISION	BY & DATE	CHK	ANG ±1/2"	FINISH	PREV
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			DIST	NLV		

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED				DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005			REF FIG.2-51		
				.XXXX	±.0005			FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV		
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