

# PRODUCT INFORMATION PACKET



Model No: 50M245  
Catalog No: 50M245  
5/3,1800/1500,DP,184T,3/60/208-230/460

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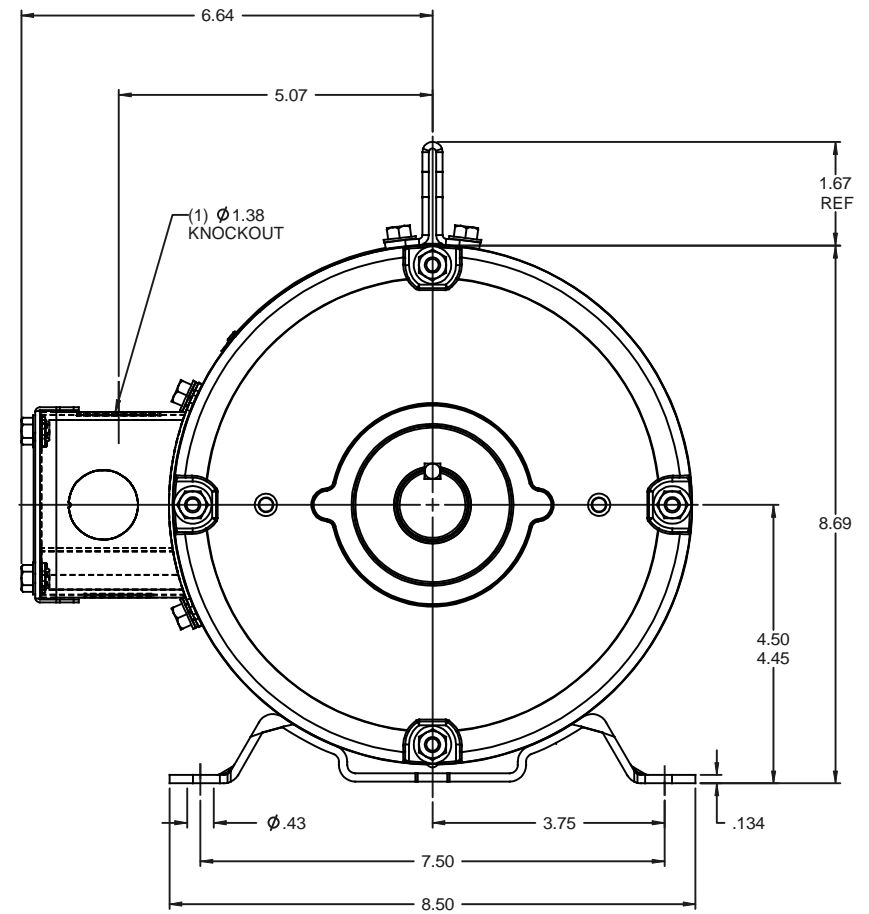
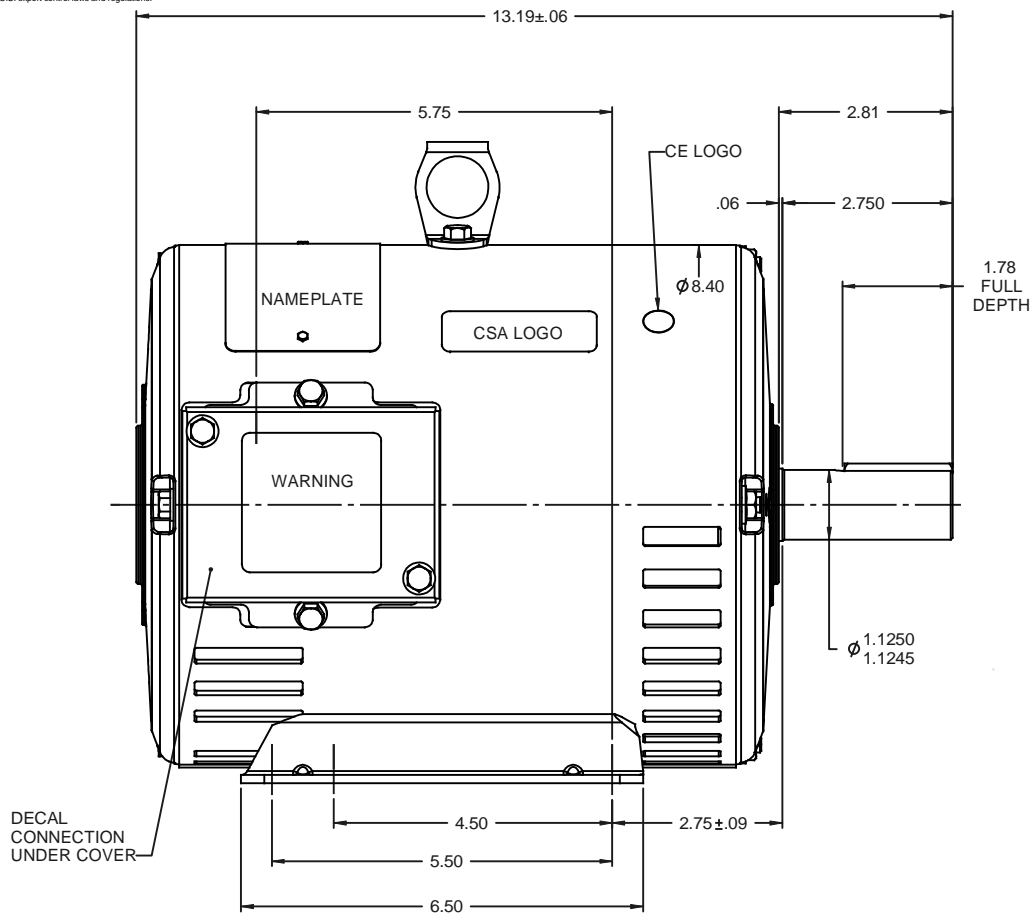
**Nameplate Specifications**

Phase	3	Output HP	5 Hp
Output KW	3.7 kW	Voltage	208-230/460 V
Speed	1755 rpm	Service Factor	1.15
Frame	184T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	14.6-13.2/6.6 A	Power Factor	81.1
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	N	IP Code	22
Number of Speeds	1		


**Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	3.17 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	50M245OD	Connection Drawing	4YU41WD

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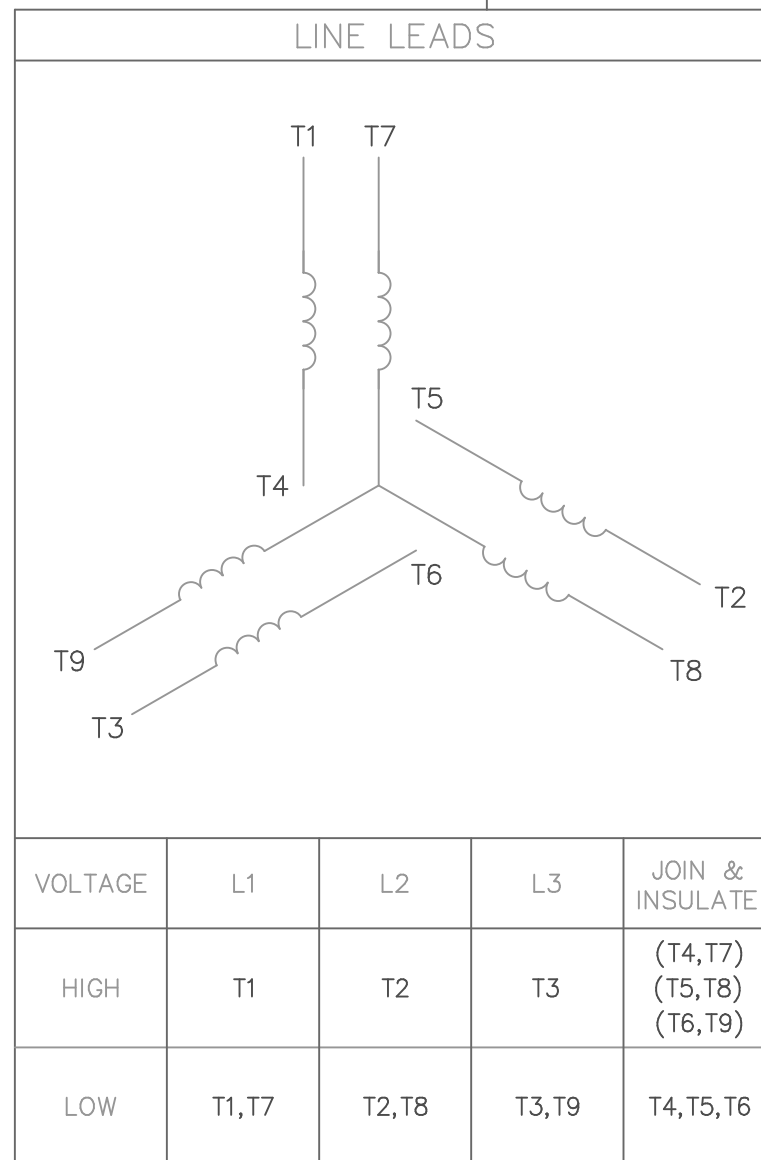
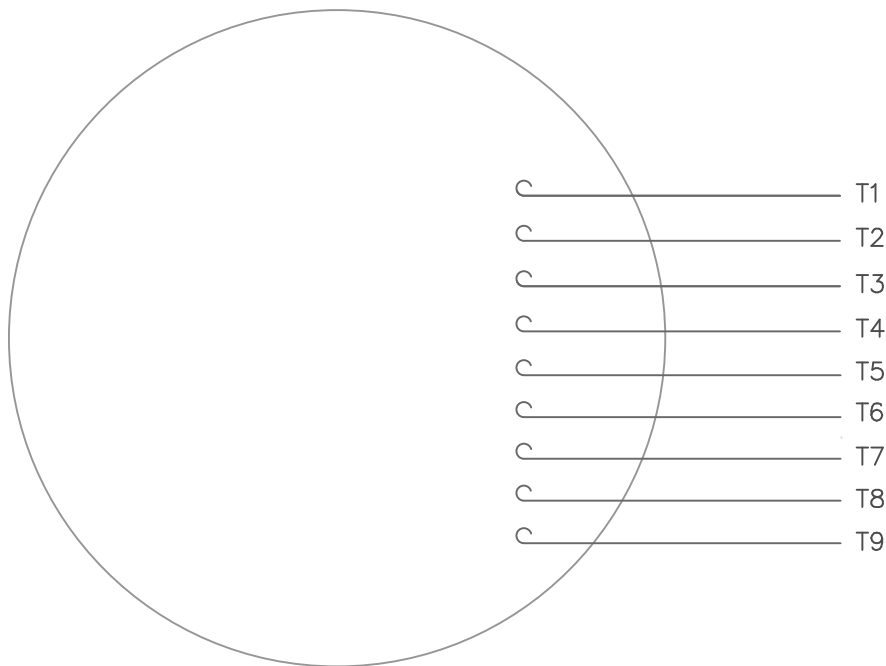


GASKET THROUGHT


			TOLERANCES UNLESS SPECIFIED		 Dayton Electric Mfg. Co. 5959 West Howard St. Niles, IL 60714 USA	DRAWN LST 01/12/07	
			DEC	INCHES		CHK	RW 01/18/07
02	CHANGE POSITON OF S.E. ENDBELL & C. BOX	LST 10/22/2008	XX	X	±.1	APPR	KH 01/18/07
	PER ISAAC 08-4778			XX	±.03	SCALE	1:2
01	OVERALL LENGTH IS REDUCED BY 1/2" AND UPDATED			XXX	±.005	REF	4YU41
	TO NEW CONDUIT BOX AS PER MU87162	RVD 08/04/2008	LST	XXXX	±.0005	FMF	
NO	REVISION	BY & DATE	CHK	ANG	±1/2"	PAGE	OF
	THIRD ANGLE PROJECTION		RFP		FINISH	SIZE	DRAWING NO
					PREV	B	50M2450D
					NETWORK FILE NAME		REV 02

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

4YU41WD



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		 Dayton Electric Mfg. Co. 5959 West Howard St. Niles, IL 60714 USA	DRAWN RDW 8/1/05			
				DEC.	INCHES		CHK			
				.X	±.1		APPD KJH 8/1/05			
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR	SCALE 1=1			
				.XXX	±.005		REF 005010—01			
				.XXXX	±.0005		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PREV		
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			DIST					A	4YU41WD	