

PRODUCT INFORMATION PACKET

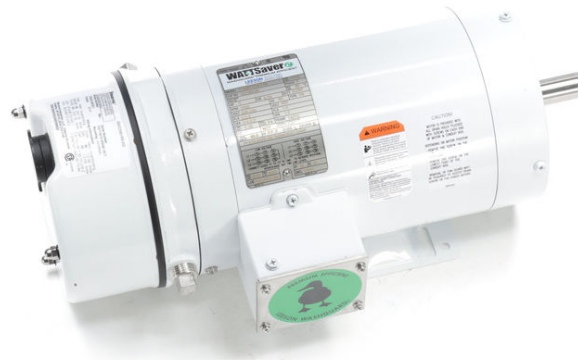


Model No: C143T17VK11B

Catalog No: 122193.00

122193.00..1HP..1760RPM.143TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID C
FACE.C143T17WK14.....WASHDOWN BRAKEMOTOR.T-STATS.....

Brake Motors



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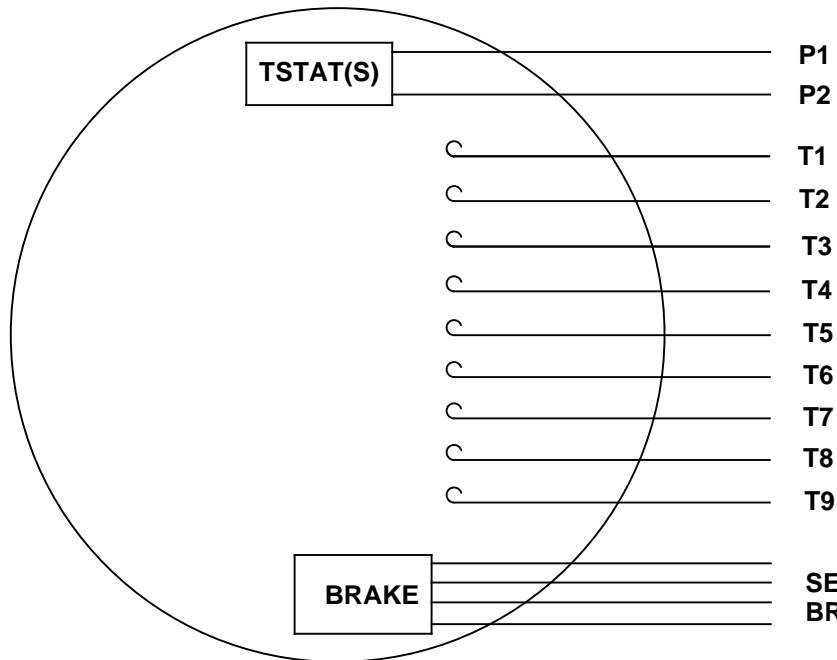
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	2.8/1.4 A	Speed	1750 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	143TC
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	17.02 in	Frame Length	8.00 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	029004-800	Connection Diagram	005010.28

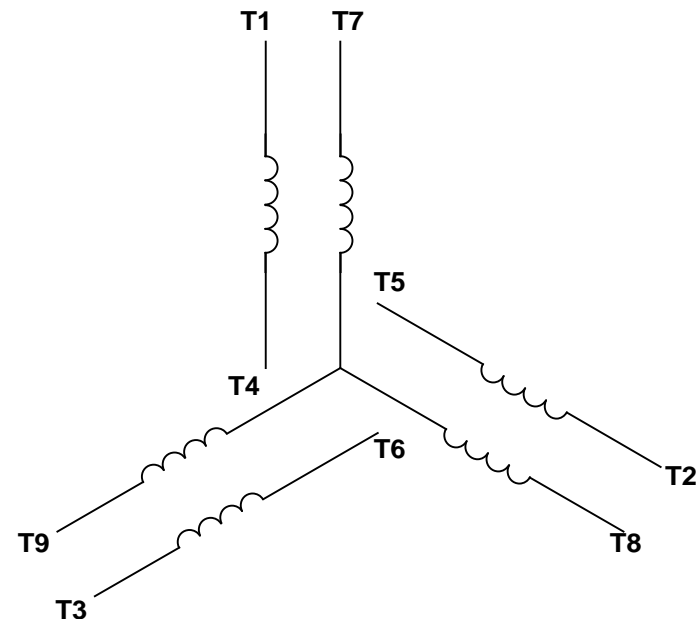
VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



P1
P2
T1
T2
T3
T4
T5
T6
T7
T8
T9

SEE TABLE FOR
BRAKE CONNECTIONS


LINE LEADS



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BRAKE CONNECTION						
VOLTAGE	STERNS BRAKE			DINGS BRAKE		
	L1	L2	Join	L1	L2	Join
HIGH	1(RED)	2(RED)	3(BLACK) 4(BLACK)	2(BLACK)	4(YELLOW)	1(YELLOW) 3(BLACK)
LOW	1(RED) 3(BLACK)	2(RED) 4(BLACK)	-----	2(BLACK) 3(BLACK)	1(YELLOW) 4(YELLOW)	-----

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		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN RDW 09/14/99		
		DEC	INCHES		CHK		
		.X	±.1		APPR		
		.XX	±.01		SCALE	1:1	
		.XXX	±.005		REF	005010-15	
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11	.XXXX ±.0005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		FMF	
NO	REVISION	BY & DATE	CHK ANG ±1/2°	MAT'L DECAL - 004014 DECAL - 080088		PAGE OF	
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO	
			NETWORK FILE NAME 00501028		A	005010-28	
					REV	--	



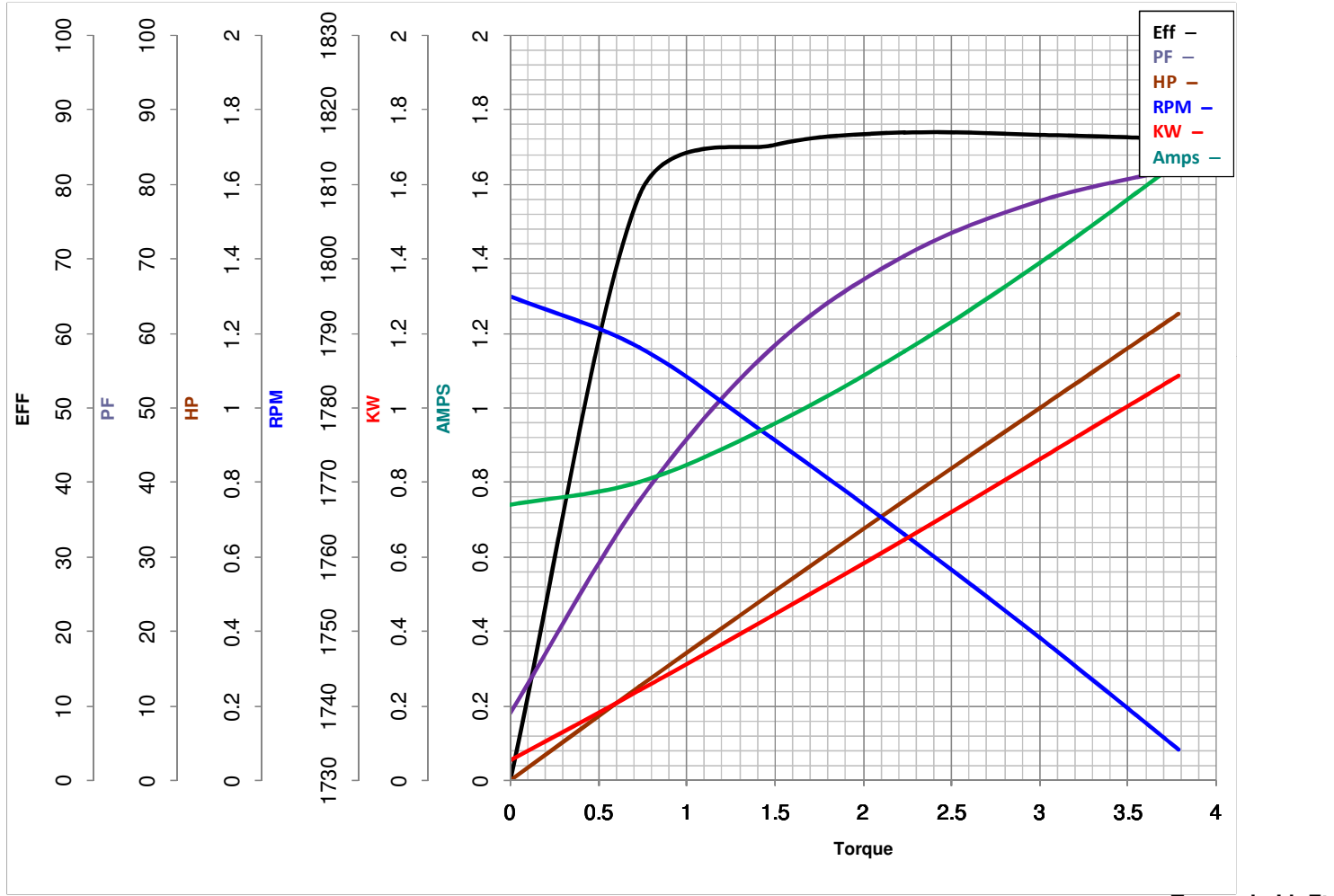
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 122193.00

Catalog No 122193.00

Curve at 460 Volts HP 1.00 PHASE 3
60 HZ
1 HP VOLTS 208-230/460

HZ 60 RPM 1750



Torque in Lb.Ft

FL TORQUE 3.003 Lb.Ft
 BD TORQUE 12.9 Lb.Ft
 LR TORQUE 10.38 Lb.Ft

FL AMPS 2.8/1.4
 PU TORQUE 11.4 Lb.Ft
 LR AMPS 12.43

WINDING T634471-3

Date 6/5/2018