

PRODUCT INFORMATION PACKET



Model No: SS145F2S3T1B6008
Catalog No: LM24714
3,3600,TEFC,145T,1/60/208-230
Totally Enclosed Fan Cooled (TEFC)



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Nameplate Specifications

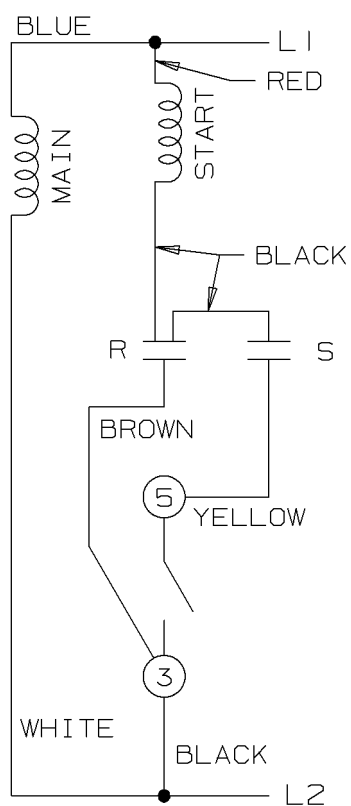
Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230 V
Current	13.1-11.8 A	Speed	3510 rpm
Service Factor	1.15	Phase	1
Efficiency	84 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	H	Frame	145T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	205
Opp Drive End Bearing Size	203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	14.87 in	Frame Length	9.56 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-100116LN-956	Connection Diagram	102006-72-LN

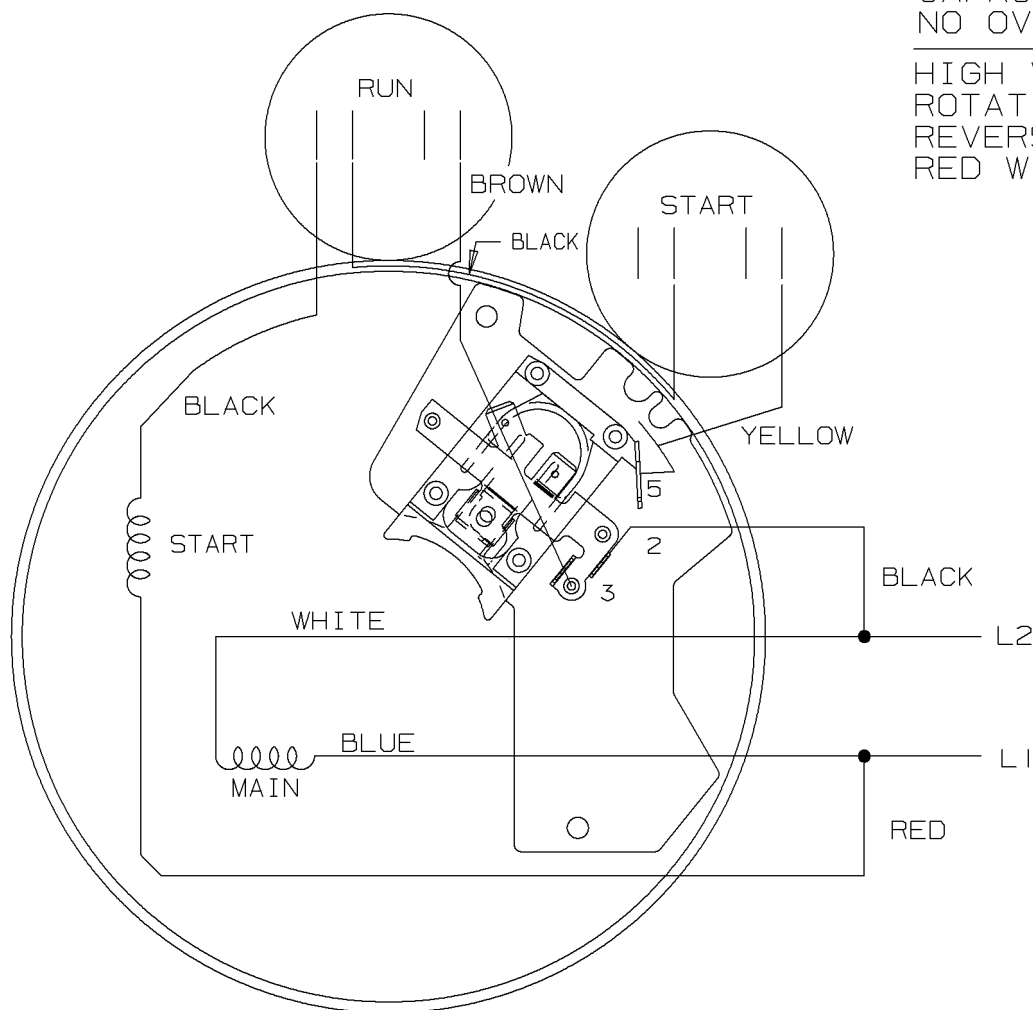
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2

HIGH VOLTAGE C.C.W.

HIGH VOLTAGE
CAPACITOR START-RUN
NO OVERLOAD SELECT ROT.

HIGH VOLTAGE C.C.W.
ROTATION SHOWN, TO
REVERSE, INTERCHANGE
RED WITH BLACK LEAD.



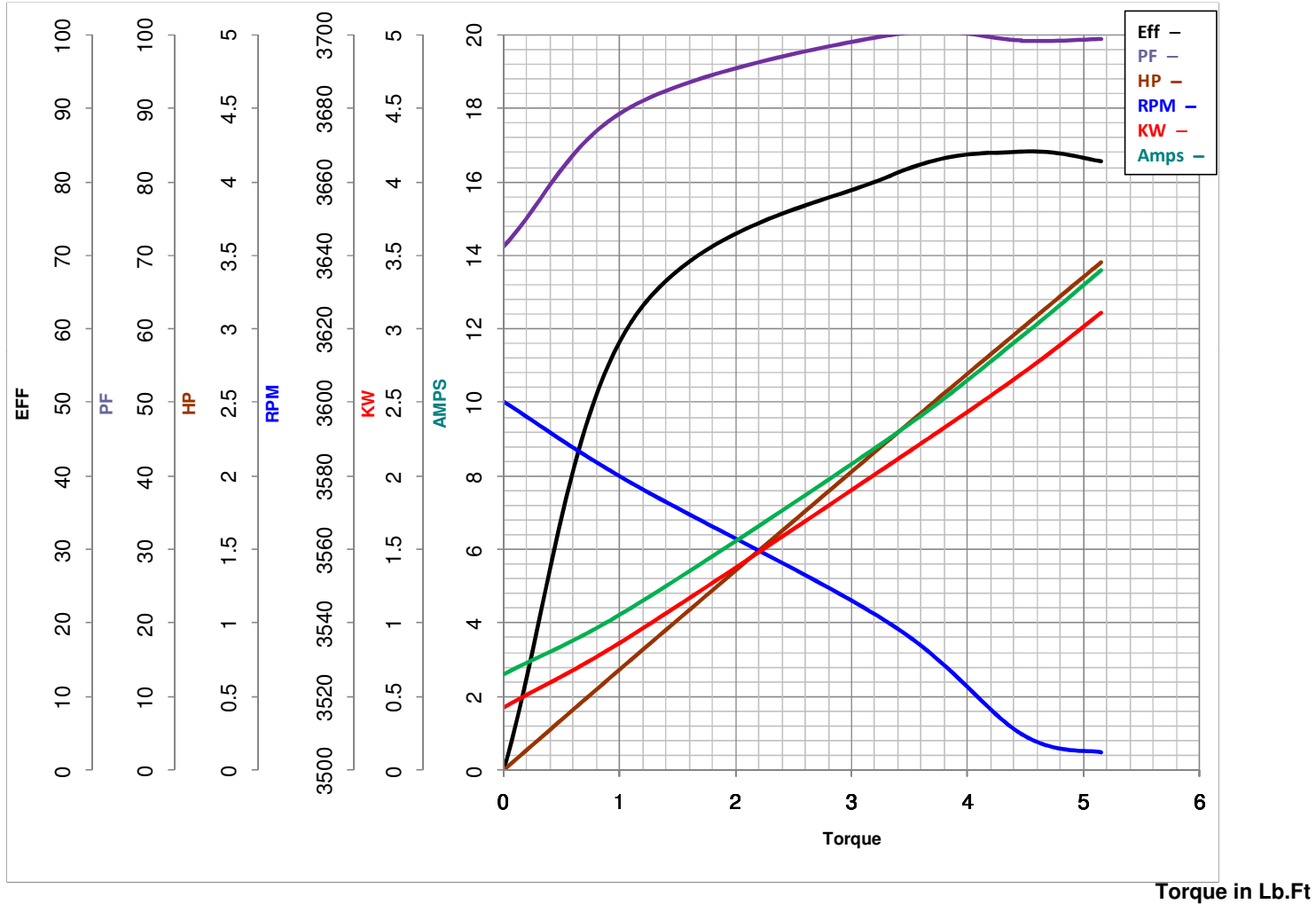
					✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.03 XXX±.005 XXXX±.0005 ANGLES± 7°30"			
					MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY TJB 12-08-1999	
					FINISH		CHKD BY ML 12-08-1999	
					MATERIAL		APPD BY GK 12-08-1999	
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM				DRWG NO A-102006-72-LN
					PURCHASED	CADD FILE NO.	10200672-LN	

Model No LM24714Catalog No LM24714AD

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

 Curve at 230
60
3

 Volts
 HZ
 HP
HP 3.00PHASE 1VOLTS 208-230HZ 60RPM 3510

Torque in Lb.Ft

 FL TORQUE 4.46 Lb.Ft
 BD TORQUE 13.2 Lb.Ft
 LR TORQUE 8.46 Lb.Ft

 FL AMPS 13.1-11.8
 PU TORQUE 6.8 Lb.Ft
 LR AMPS 91
WINDING ZB202-4Date 4/16/2018