

PRODUCT INFORMATION PACKET



Model No: 193342.60

Catalog No: 193342.60

LEESON® PASSPORT 7.5 HP General Purpose, 3 phase, 3600 RPM, 230/460 V, 132S Frame, TEFC



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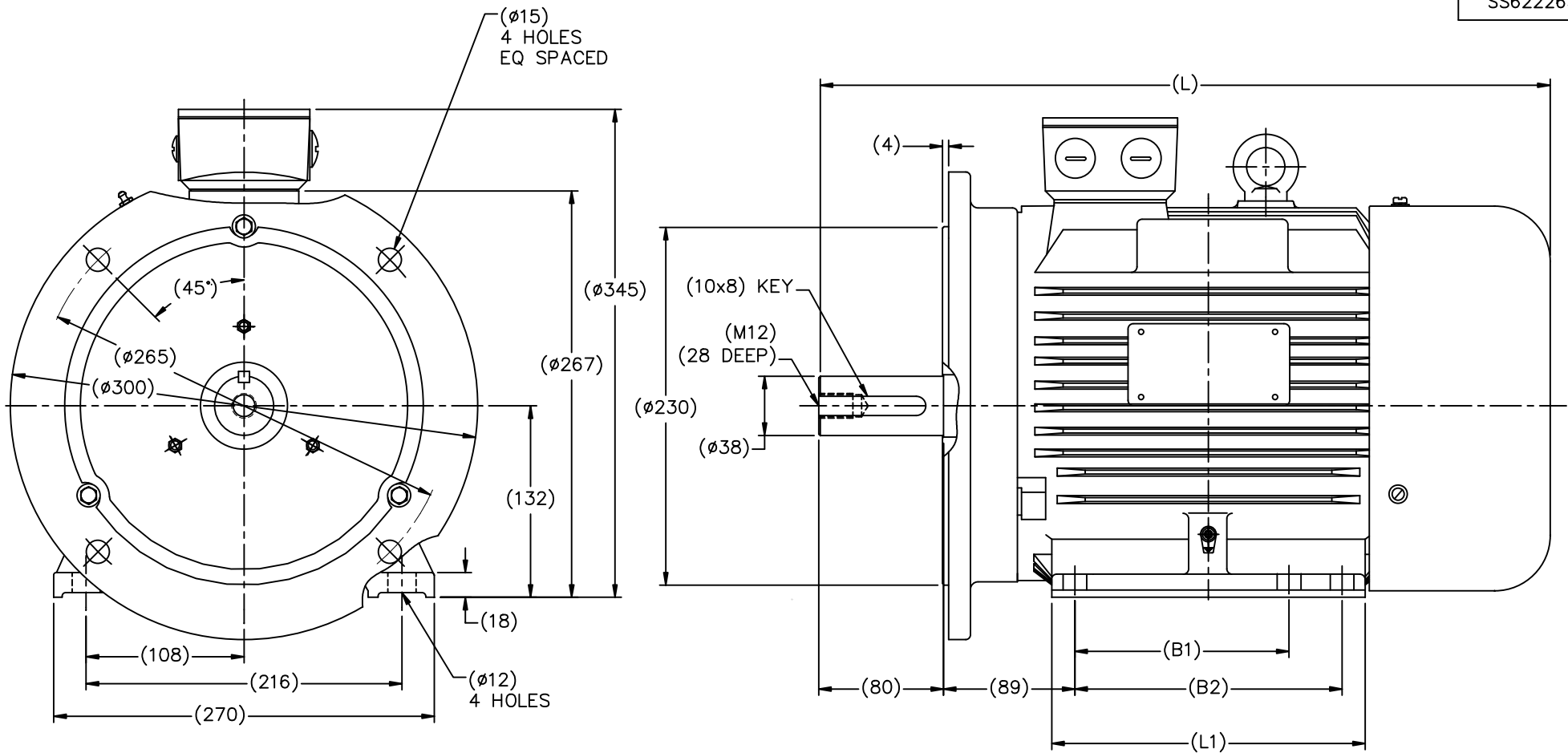


Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 200/400 V
Speed	3540 & 2960 rpm	Service Factor	1.15 & 1.15
Frame	132S	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	89.5 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	18/9 & 14.4/7.2 A	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6208	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	IEC
Overall Length	18.26 in	Shaft Diameter	1.500 in
Shaft Extension	3.15 in	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 10:1		
Outline Drawing	SS622263	Connection Drawing	004172.01



FRAME	CAT.NO	B1	B2	L1	L	n
DF132SD1-2R	193342.60	140		186	464	4
DF132SD1-4R	193343.60	140		186	464	4
DF132SMD-2R	193345.60	140	178	224	502	6
DF132SMD-4R	193346.60	140	178	224	502	6
DF132MD1-6R	193341.60	178		224	502	4
DF132MD2-6R	193344.60	178		224	502	4

(MAY NOT BE DRAWN TO SCALE)

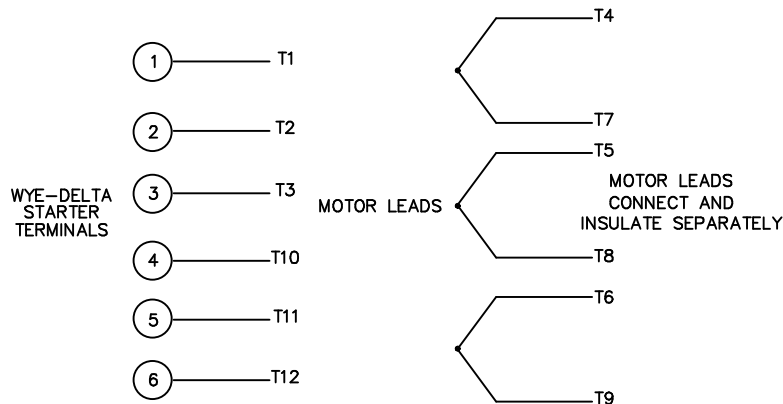
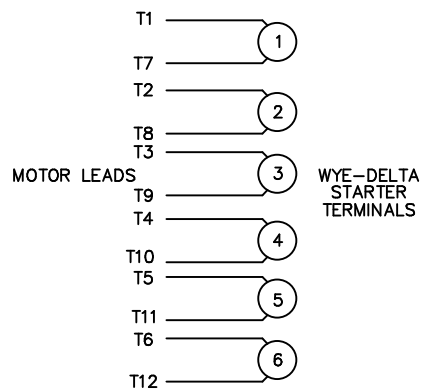
(DIMENSIONS ARE IN MILLIMETERS)

TOLERANCES UNLESS SPECIFIED DEC. METRIC .X ±2.5 .XX ±.76 .XXX ±.127 .XXXX ±.0127		REGAL-BELOIT CORPORATION TITLE OUTLINE DF132SD.MD-2,4,6R	DRAWN HLB 12-07-2010 CHK DJK 12-17-2010 APPD SB 12-18-2010 SCALE 1=18 REF FMF HEBEI PREV
NO. REVISION BY & DATE THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT	CHK ANG ±7'30" RFP 12-22-2010 CAD FILE SS622263 DIST		SIZE B DRAWING NO. SS622263 PAGE OF

WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

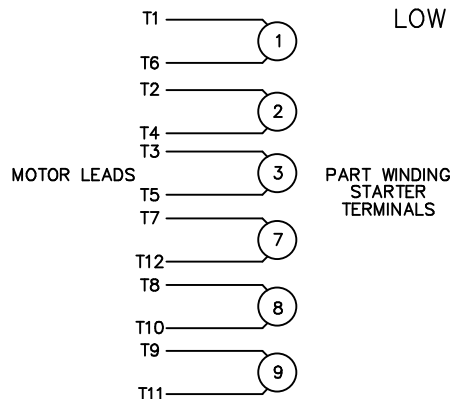
LOW VOLTAGE CONNECTION

HIGH VOLTAGE CONNECTION



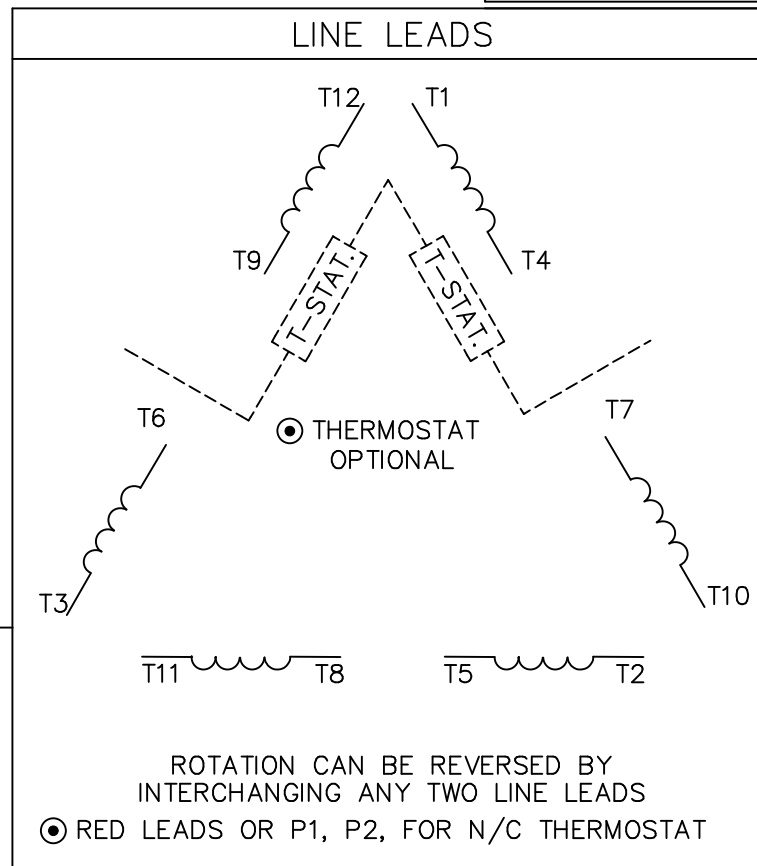
REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



REFER TO THE PART WINDING STARTER INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

REFER TO THE CUTLER - HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.



ACROSS THE LINE START & RUN				
	LINE 1	LINE 2	LINE 3	JOIN & INSULATE SEPARATELY
HIGH VOLT	T1, T12	T2, T10	T3, T11	(T4, T7) (T5, T8) (T6, T9)
LOW VOLT	T1, T6 T7, T12	T2, T4 T8, T10	T3, T5 T9, T11	

				TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN WLW 09/08/77		
				DEC.	INCHES		CHK RPB 09/12/77		
				.X	±.1		APPD JCW 09/12/77		
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00	.XX	±.01	TITLE	DELTA - WYE CONNECTION DIAGRAM	SCALE	1=1	
02	ADDED T-STAT. NOTES PER ELECTRICAL	KMM 06/02/98	.XXX	±.005			REF		
01	REDRAWN TO CAD	DBT 06/02/97	.XXXX	±.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE	00417201	SIZE	DRAWING NO.	REV.
				DIST			A	004172-01	03

Data Sheet

Date: 2/1/2018

193342.60



Data @ 460 V

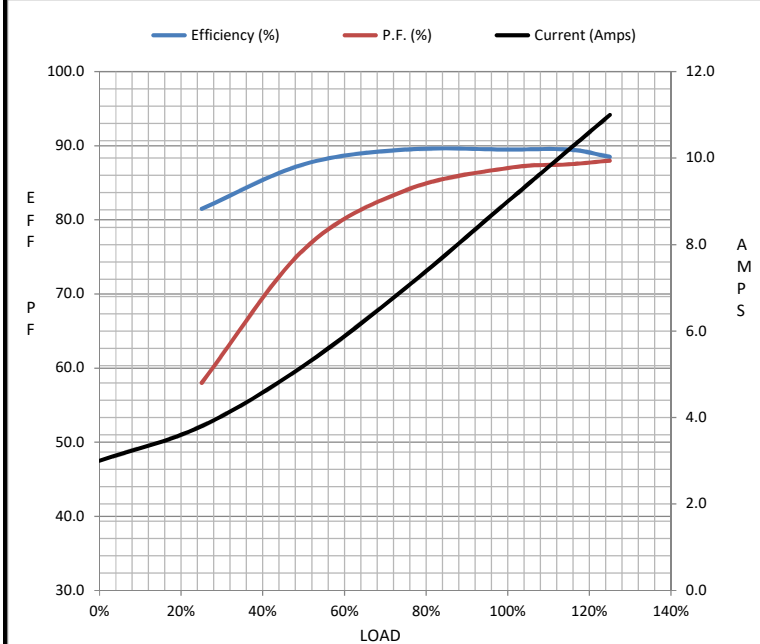
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.0	3.8	5.2	7.0	9.0	10.2	11.0	62.0
Torque (ft-lb)	0.00	2.80	5.5	8.3	11.1	12.8	13.9	20.5
RPM	3600	3588	3572	3558	3540	3,532	3522	0
Efficiency (%)		81.5	87.5	89.5	89.5	89.5	88.5	
P.F. (%)	12.0	58.0	76.0	84.0	87.0	87.5	88.0	42.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	3250	3540	3600
Current (Amps)	62.0	58.0	38.5	9.0	3.0
Torque (ft-lb)	20.5	19.0	35.2	11.1	0.00

Information Block				
HP	7.5			
Sync. RPM	3600			
Frame	132			
Enclosure	TEFC			
Construction	TFC			
Voltage	230/460#200/400 V			
Frequency	60 Hz			
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	40 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.00 Lb-Ft ²			
Ref Wdg	T10702025 NONE			
Sound Pressure @ 1M	65 dBA			
VFD Rating	CONSTANT 10:1			
Outline Dwg	SS622263			
Conn. Diag	004172.03			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

