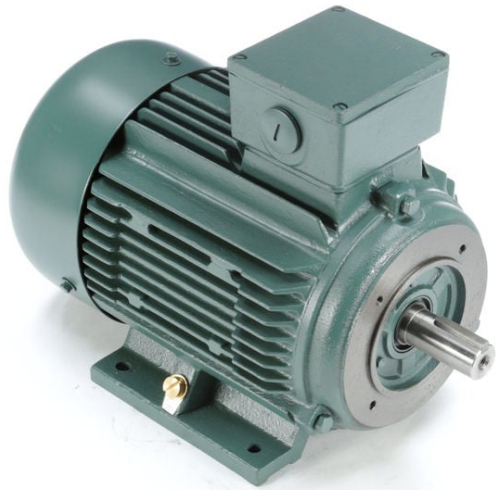
PRODUCT INFORMATION PACKET

Model No: 193371.60
Catalog No: 193371.60
LEESON® PASSPORT 10 HP General Purpose, 3 phase, 1800 RPM, 230/460 V, 132M Frame, TEFC

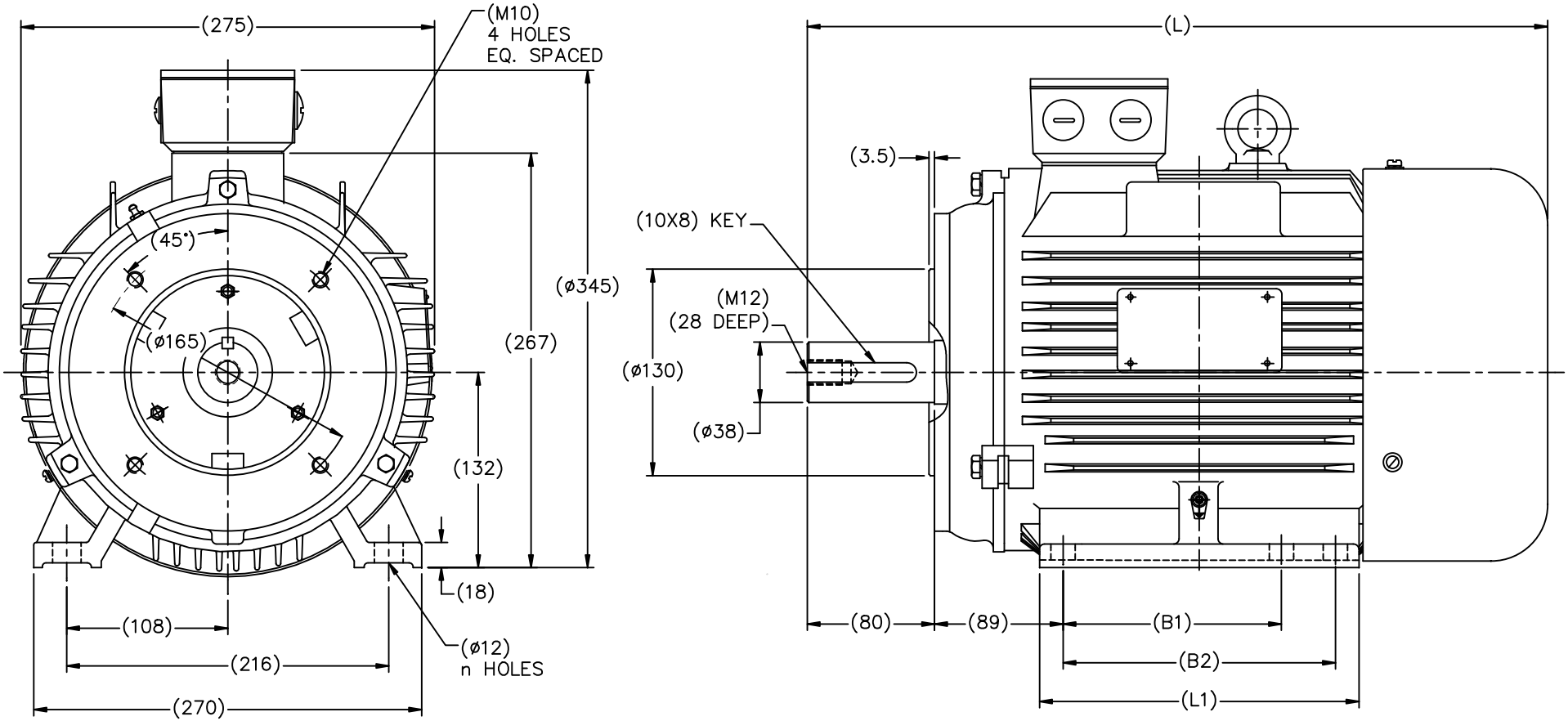


Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	230/460 & 200/400 V
Speed	1765 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	132M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	91.7 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	24/12 & 21.6/10.8 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6207
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	4	Rotation	Reversible
Resistance Main	.8 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	19.76 in
Shaft Diameter	1.500 in	Shaft Extension	3.15 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 10:1
Outline Drawing	B-SS622260	Connection Drawing	004172.01



FRAME	CAT.NO	B1	B2	L1	L	n
DF132SC1-2R	193367.60	140		186	464	4
DF132SC1-4R	193368.60	140		186	464	4
DF132SMC-2R	193370.60	140	178	224	502	6
DF132SMC-4R	193371.60	140	178	224	502	6
DF132MC1-6R	193366.60	178		224	502	4
DF132MC2-6R	193369.60	178		224	502	4

(MAY NOT BE DRAWN TO SCALE)

(DIMENSIONS ARE IN MILLIMETERS)

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	METRIC
.X	±2.5
.XX	±.76
.XXX	±.127
.XXXX	±.0127
ANG	±7'30"

REGAL-BELOIT CORPORATION

DRAWN HLB 12-07-2010
CHK DJK 12-17-2010
APPD SB 12-18-2010
SCALE 1=18
REF
FMF HEBEI
PREV

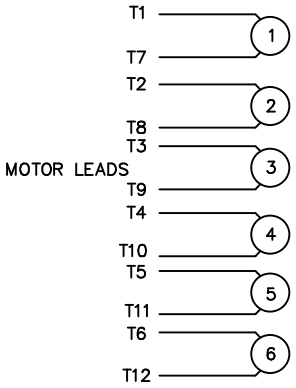
TITLE OUTLINE
DF132SC,MC-2,4,6R

MAT'L.
FINISH
CAD FILE SS622260
RFP 12-22-2010
DIST

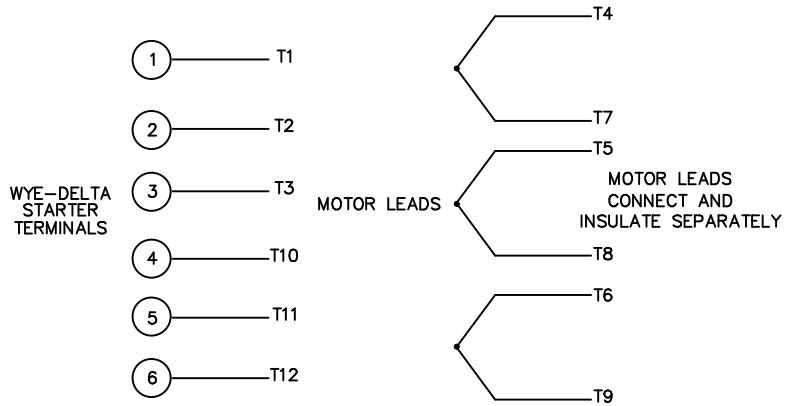
SIZE B | DRAWING NO. SS622260 | PAGE OF | REV.

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

LOW VOLTAGE CONNECTION

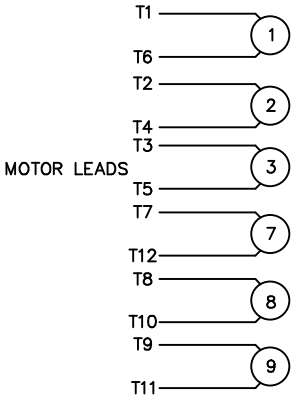


HIGH VOLTAGE CONNECTION



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

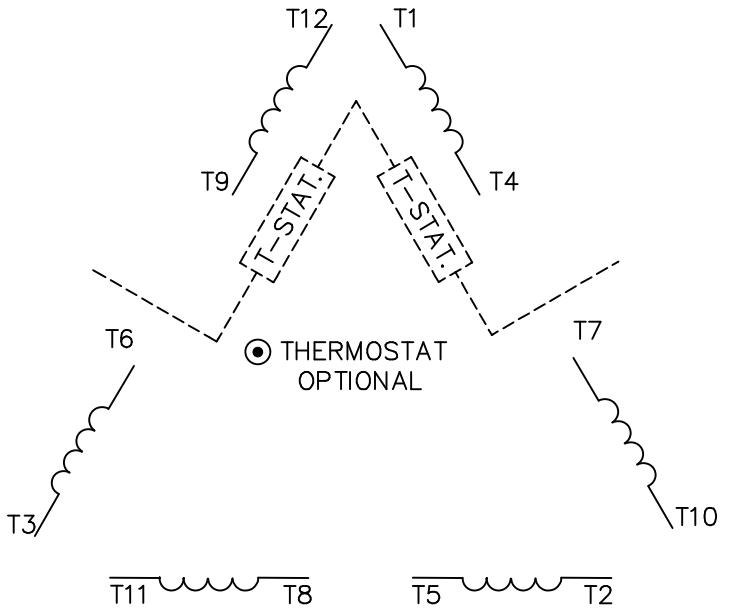
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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.

LINE LEADS



ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

⦿ RED LEADS OR P1, P2, FOR N/C THERMOSTAT

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	

NO.	REVISION	BY & DATE	CHK
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00	
02	ADDED T–STAT. NOTES PER ELECTRICAL	KMM 06/02/98	
01	REDRAWN TO CAD	DBT 06/02/97	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE DELTA – WYE CONNECTION DIAGRAM

MAT'L.

FINISH

CAD FILE 00417201

RFP

DIST

DRAWN	WLW 09/08/77
CHK	RPB 09/12/77
APPD	JCW 09/12/77
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. 004172–01 | REV. 03

6/28/2007 3:22:15 PM -

Data Sheet

Date: 1/30/2018

193371.60

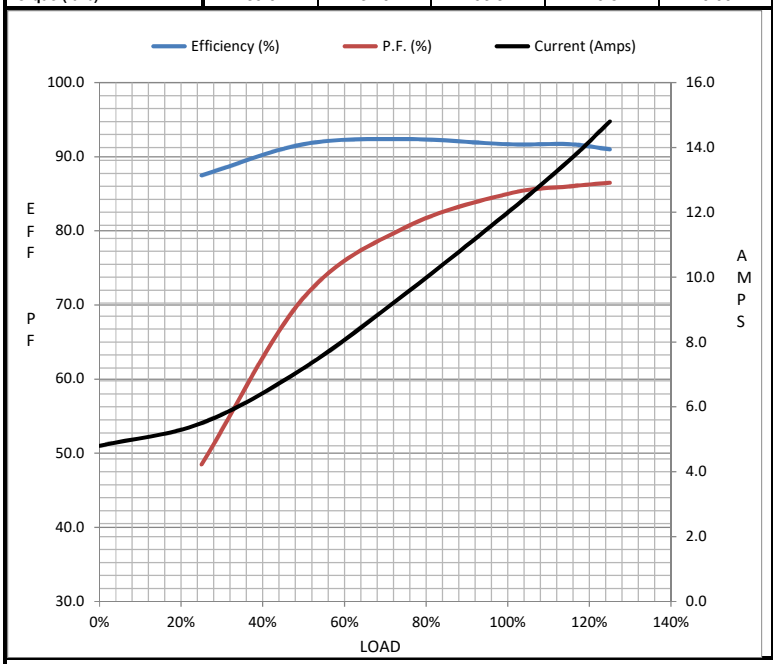
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	4.8	5.5	7.2	9.5	12.0	13.6	14.8	89.5	
Torque (ft-lb)	0.00	7.3	14.7	22.2	29.8	34.3	37.4	59.0	
RPM	1800	1790	1785	1775	1765	1,760	1755	0	
Efficiency (%)		87.5	91.7	92.4	91.7	91.7	91.0		
P.F. (%)	6.0	48.5	71.0	80.5	85.0	86.0	86.5	40.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	750	1575	1765	1800
Current (Amps)	89.5	83.0	54.3	12.0	4.8
Torque (ft-lb)	59.0	57.0	96.5	29.8	0.00



Information Block

HP	10.0	
Sync. RPM	1800	
Frame	132	
Enclosure	TEFC	
Construction	TFC	
Voltage	230/460#200/400	V
Frequency	60	Hz
Design	A	
LR Code letter	J	
Service Factor	1.15	
Temp Rise @ FL	37	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.00	Lb-Ft²
Ref Wdg	T10704027 NONE	
Sound Pressure @ 1M	46	dBA
VFD Rating	CONSTANT 10:1	
Outline Dwg	B-SS622260	
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