PRODUCT INFORMATION PACKET

Model No: 193301.60
Catalog No: 193301.60
LEESON® PASSPORT 3 HP General Purpose, 3 phase, 1800 RPM, 230/460 V, 100L Frame, TEFC

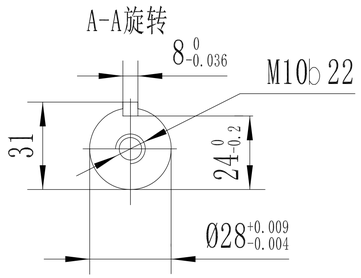
Nameplate Specifications

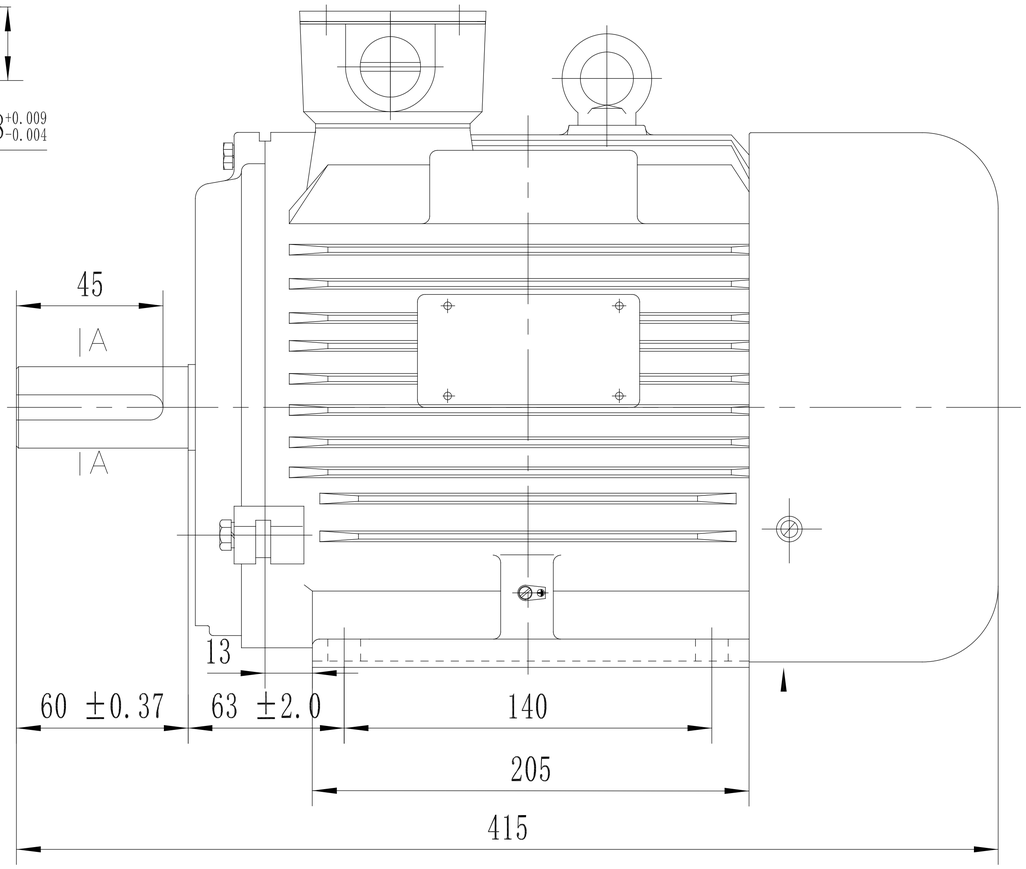
Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	230/460 & 200/400 V
Speed	1770 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	100L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	90.2 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8/4 & 6.6/3.3 A	Power Factor	79.2
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	Y	IP Code	55
Number of Speeds	1		

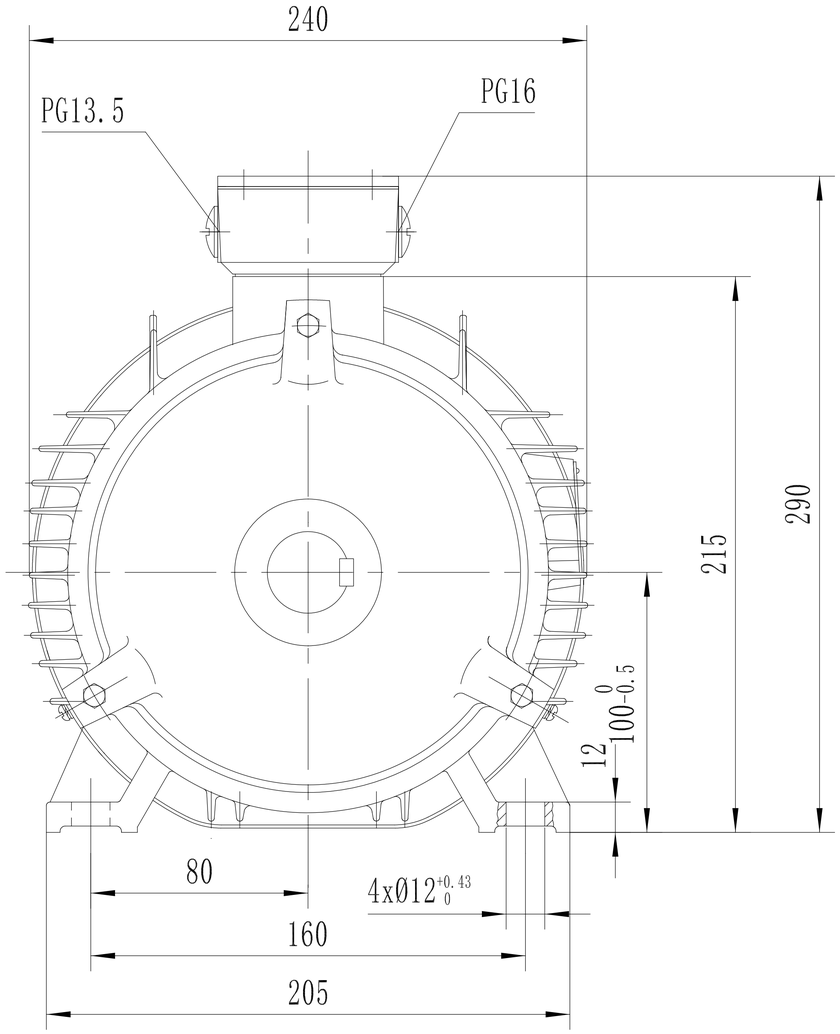
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	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	16.33 in	Shaft Diameter	1.125 in
Shaft Extension	2.36 in	Assembly/Box Mounting	F3
Outline Drawing	SS622236	Connection Drawing	005465.01

SS622236







DF100L-2R	193303.60
DF100L1-4R	193301.60
DF100L2-4R	193304.60
DF100L-6R	193300.60
FRAME	PART #

NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2

REGAL Regal-Beloit Corporation

TITLE: OUTLINE

MAT'L.

FINISH

DRAWN | CHK | APPD | SCALE | REF | FMF | PREV

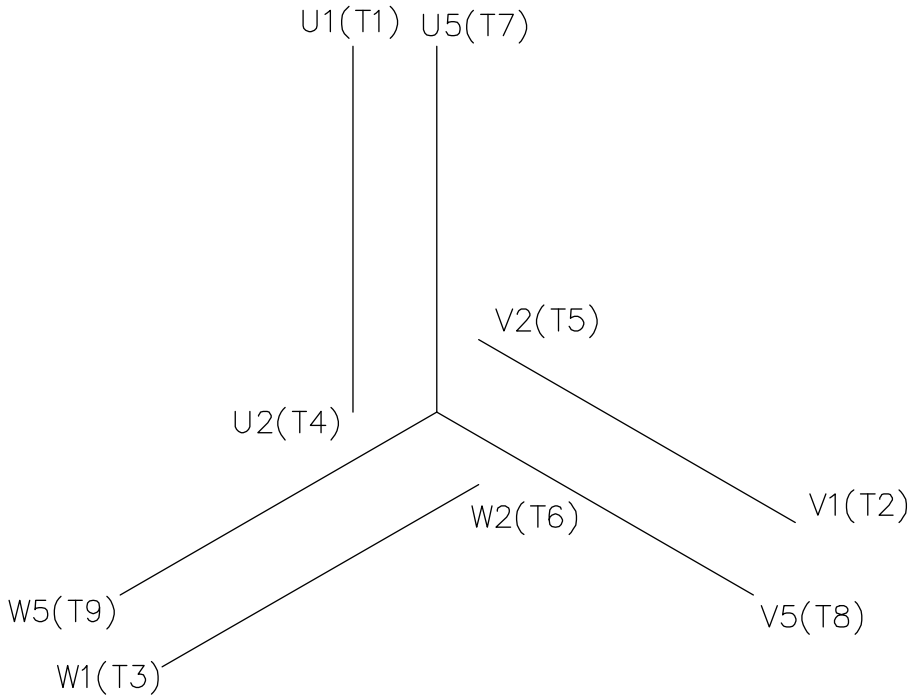
RFP

DIST

CAD FILE

SIZE B | DRAWING NO. SS622236 | REV.

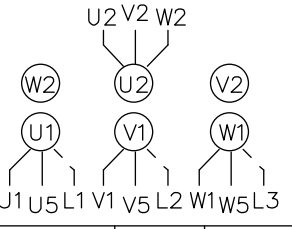
005465-01



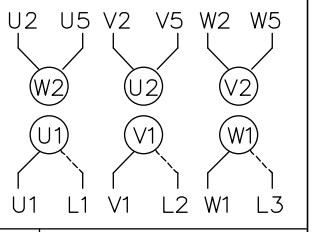
REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS

LOW VOLTAGE



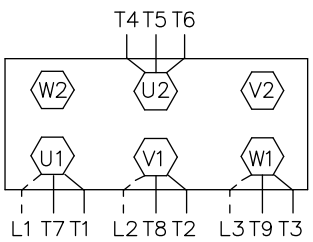
HIGH VOLTAGE



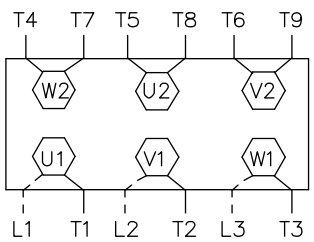
LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	U1,U5	V1,V5	W1,W5	---	U2,V2,W2	---
HIGH	U1	V1	W1	U2,U5	V2,V5	W2,W5

NEMA MARKINGS

LOW VOLTAGE



HIGH VOLTAGE



LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	T1, T7	T2, T8	T3, T9	---	T4,T5,T6	---
HIGH	T1	T2	T3	T4, T7	T5, T8	T6, T9

NO.	REVISION	BY & DATE	CHK
01	NEMA LV CONNECTION WAS INCORRECT	RLW 8/4/03	

TOLERANCES UNLESS SPECIFIED

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

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE EXTERNAL WIRING DIAGRAM
3 PHASE – DUAL VOLTAGE – W/TERM BLOCK

MAT'L. IEC/NEMA MARKINGS

FINISH THERMAL TRANSFER

CAD FILE 00546501

RFP

DIST

DRAWN MGM 12/3/02
CHK
APPD
SCALE 1=1
REF 00537703
FMF
PREV

SIZE A | DRAWING NO. 005465-01 | REV. 01

Data Sheet

Date: 2/1/2018

193301.60

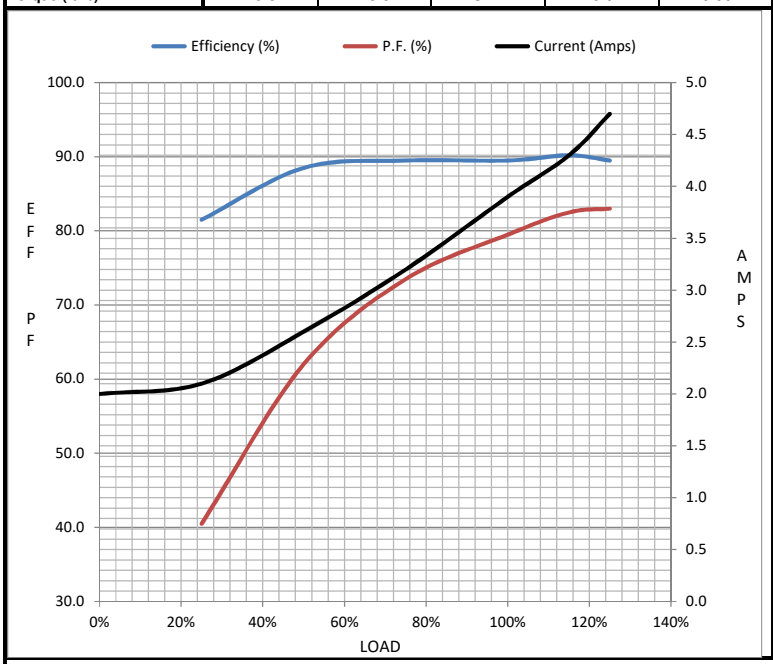
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	2.00	2.10	2.60	3.2	3.9	4.3	4.7	29.4	
Torque (ft-lb)	0.00	2.20	4.4	6.7	8.9	10.3	11.2	19.5	
RPM	1800	1795	1785	1775	1770	1,765	1760	0	
Efficiency (%)		81.5	88.5	89.5	89.5	90.2	89.5		
P.F. (%)	7.5	40.5	62.0	73.5	79.5	82.5	83.0	36.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	375	1575	1770	1800
Current (Amps)	29.4	26.0	18.3	3.9	2.00
Torque (ft-lb)	19.5	15.0	32.7	8.9	0.00



Information Block

HP	3.0	
Sync. RPM	1800	
Frame	182	
Enclosure	TEFC	
Construction	TFC	
Voltage	230/460#200/400	V
Frequency	60	Hz
Design	B	
LR Code letter	J	
Service Factor	1.15	
Temp Rise @ FL	28	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.34	Lb-Ft²
Ref Wdg	T08704010 NONE	
Sound Pressure @ 1M	999	dBA
VFD Rating	CONSTANT 10:1	
Outline Dwg	B-SS622236	
Conn. Diag	005465.01	

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