

PRODUCT INFORMATION PACKET



Model No: 116181.00

Catalog No: 116181.00

Explosion Proof Motor, 2 HP, 1 Ph, 60 Hz, 115/208-230 V, 3600 RPM, 56J Frame, EPFC



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Nameplate Specifications

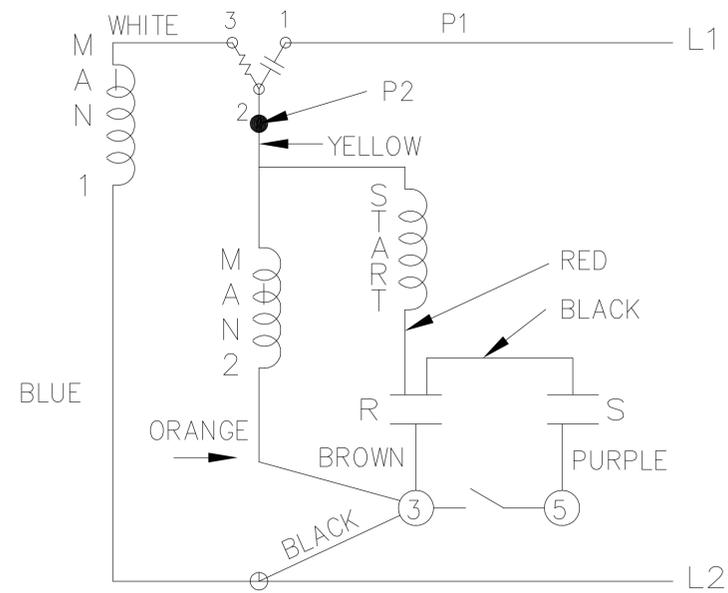
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	20.0/10.8-10.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	75.5 %	Power Factor	87.5
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	J
Frame	56J	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Hazardous Location	DIV 1 EXP PROOF CL I GR CD CL II GR FG T3C	Number of Speeds	1

Technical Specifications

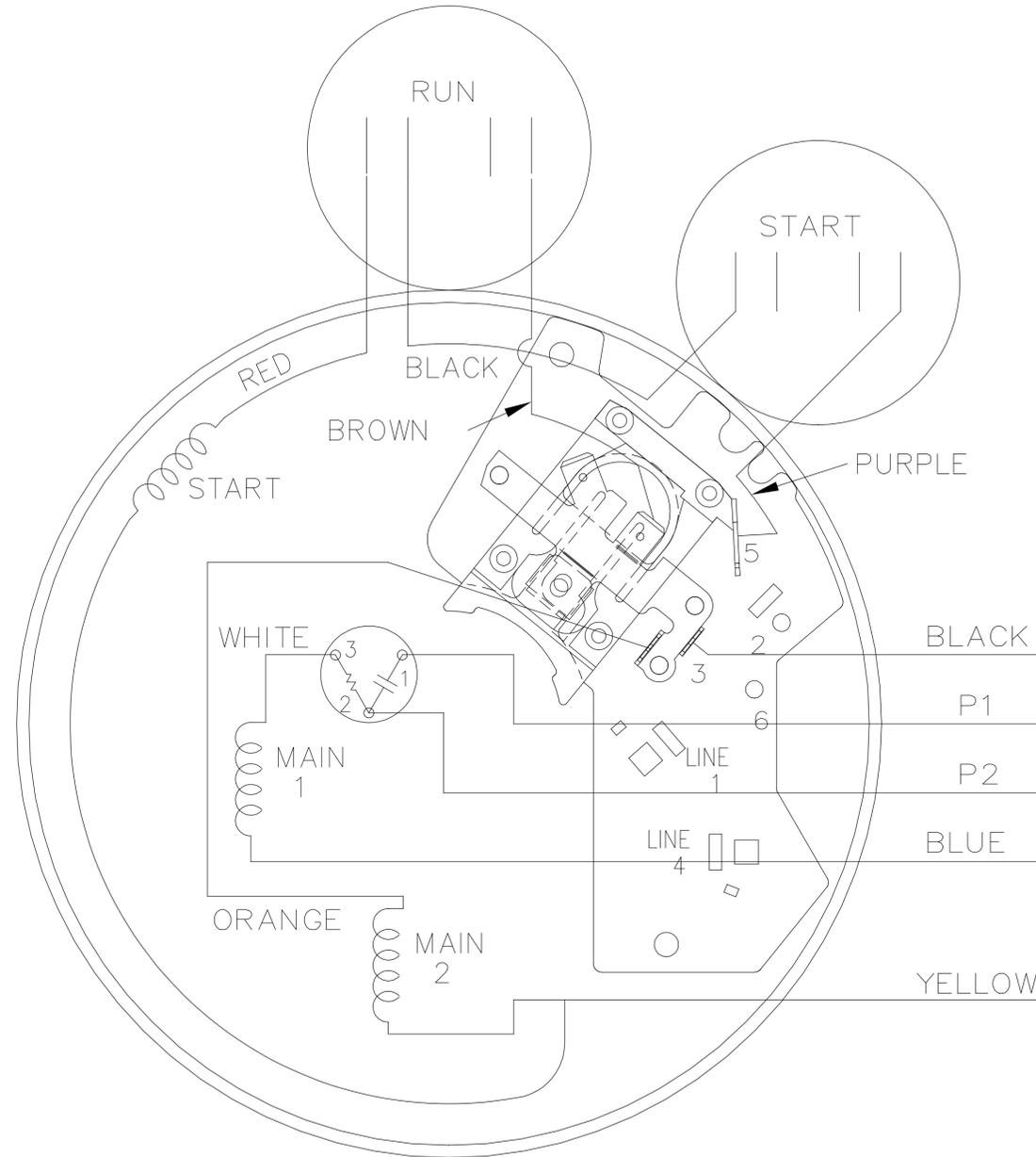
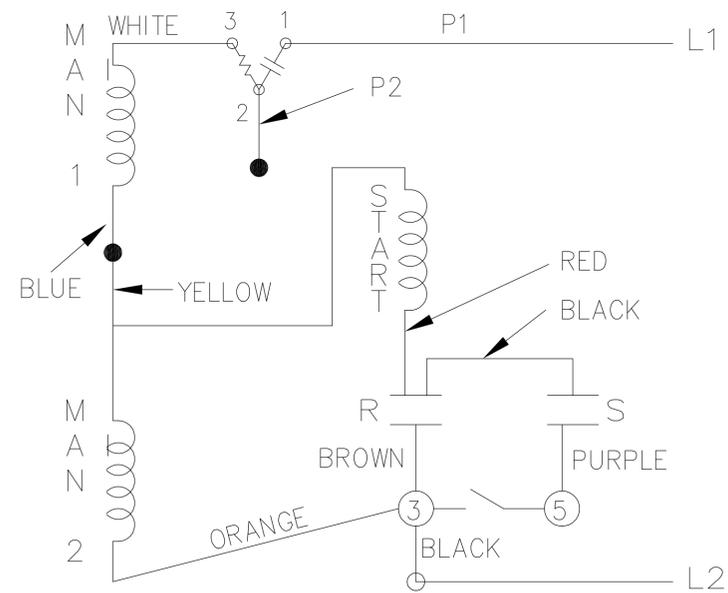
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Fixed Clockwise
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	J	Overall Length	15.45 in
Frame Length	7.81 in	Shaft Diameter	0.625 in
Shaft Extension	2.44 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-102006-130-LE	Outline Drawing	B-104213LE-781

102006_130_LE

LOW VOLTAGE F.C.W.



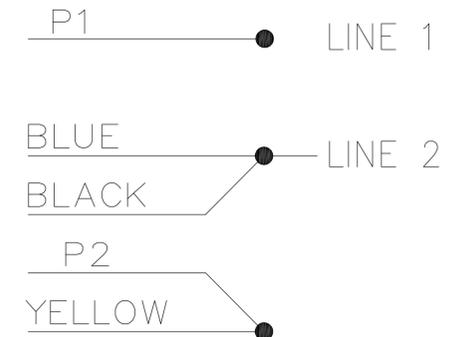
HIGH VOLTAGE F.C.W.



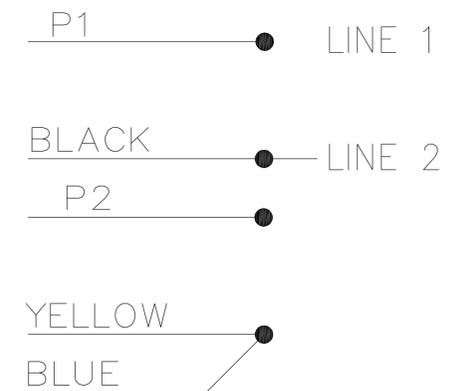
LS2T

DUAL VOLTAGE
CAP. START-CAP. RUN
OVERLOAD FIXED CW
ROTATION.

LOW VOLT. CW ROT.



HIGH VOLT. CW ROT.



				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN VL 04-08-2008
				DEC.	INCHES		CHK
				.X	±.1	TITLE CONNECTION DIAGRAM 56/140 FR - 1 PH - CSCR - REV - PRT - 2V	APPD VL 04-08-2008
				.XX	±.02		SCALE 5=8
				.XXX	±.005	MAT'L. FINISH	REF
01	LEFT CORNER LOW VOLT CW ROT WAS CCW ECR-0119583	KK	10/13/16	KK	.XXXX		±.0005
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"		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	04-08-2008	CAD FILE 102006_130_LE	SIZE A DRAWING NO. 102006_130_LE PAGE OF REV. 01

