

PRODUCT INFORMATION PACKET



Model No: 122106.00

Catalog No: 122106.00

1 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 230/460 V, 143JPV Frame, TEFC
JP Motors



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REGAL



Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.3/1.7 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	68
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	P
Frame	143JPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	11.8 Ohms	Mounting	Round
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	19.85 in
Frame Length	8.56 in	Shaft Diameter	0.875 in
Shaft Extension	7.31 in	Assembly/Box Mounting	F1 Only

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NOTE:
CONDUIT BOX CAN BE ROTATED 180°.

DASH NO.	"C"	"AG"	"BV"
656	17.90[454.66]	10.59[268.98]	5.82[147.82]
706	18.40[467.36]	11.09[281.68]	6.32[160.52]
756	18.90[480.06]	11.59[294.38]	6.82[173.22]
806	19.40[492.76]	12.09[307.08]	7.32[185.92]
856	19.90[505.46]	12.59[319.78]	7.82[198.62]
906	20.40[518.16]	13.09[332.48]	8.32[211.32]
956	20.90[530.86]	13.59[345.18]	8.82[224.02]

DRAWING REVISION B	REVISION BY A. KEETHA	DATE 01-29-2016
ECO ANY ECO-0143026	APPROVED BY PST	DATE 04/12/2016
ECO DESCRIPTION OUTLINE CONVERSION PROJECT		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30'
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

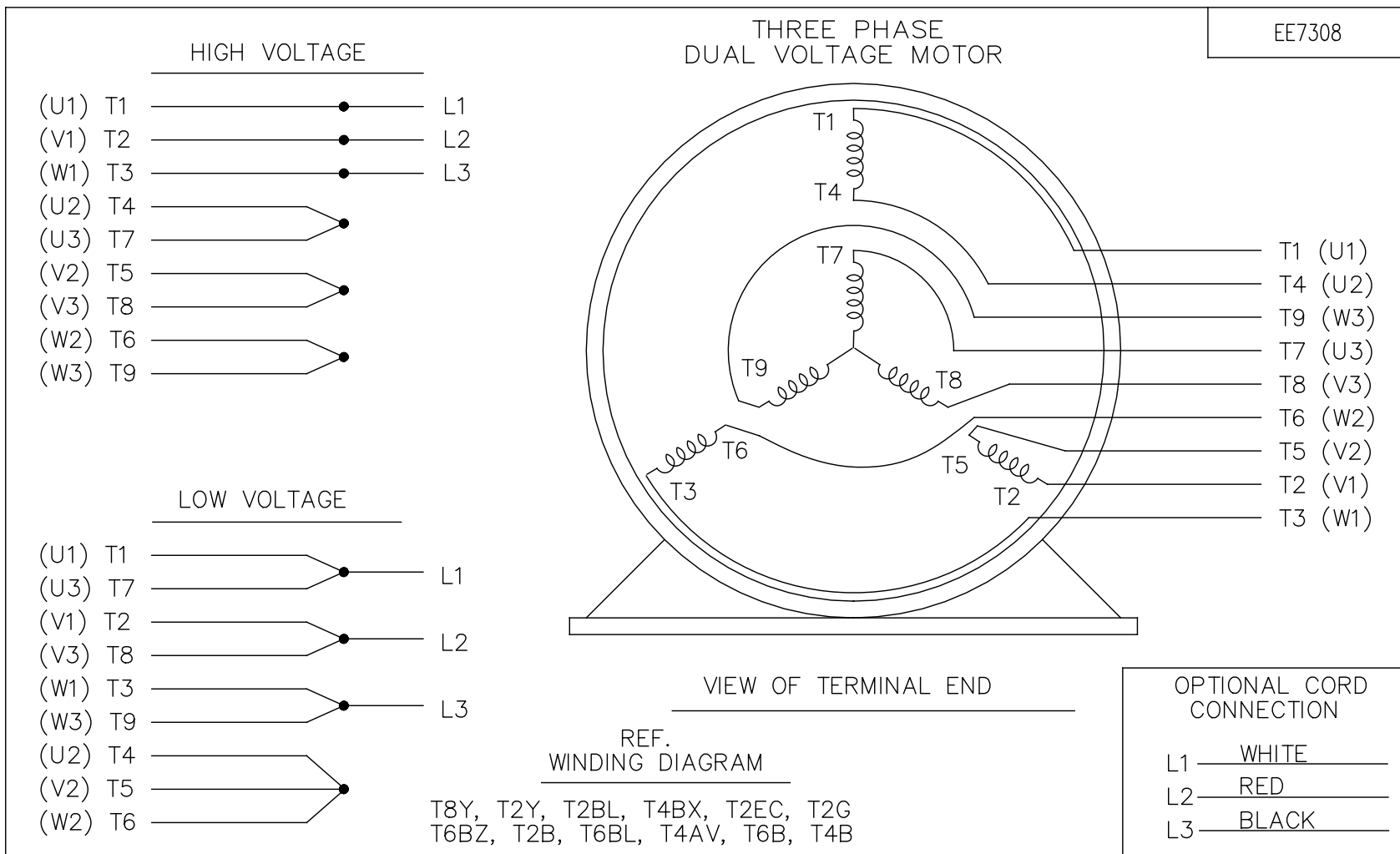
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°

CORNER FILLETS: R.02 [.51]

MACHINED SURFACES: 200 INCH 5. mm

mm SHOWN IN [BRACKETS]

DRAWN BY RM		REGA:™ Regal Beloit America, Inc.	
DATE 10-23-1992		DESCRIPTION OUTLINE	
APPROVED BY MS		140 FRAME-10-BB-CFACE-TEFC	
DATE 10-27-1992		PROCESS/FINISH	
REFERENCE 100659		MATERIAL	
THIRD ANGLE PROJECTION		SIZE C DRAWING NUMBER 100659	
		SHEET 1 OF 1	



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM 11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK ML 11/21/1990
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD SAS 04/24/2003
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE 1=1
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR	REF
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	PREV
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