

# 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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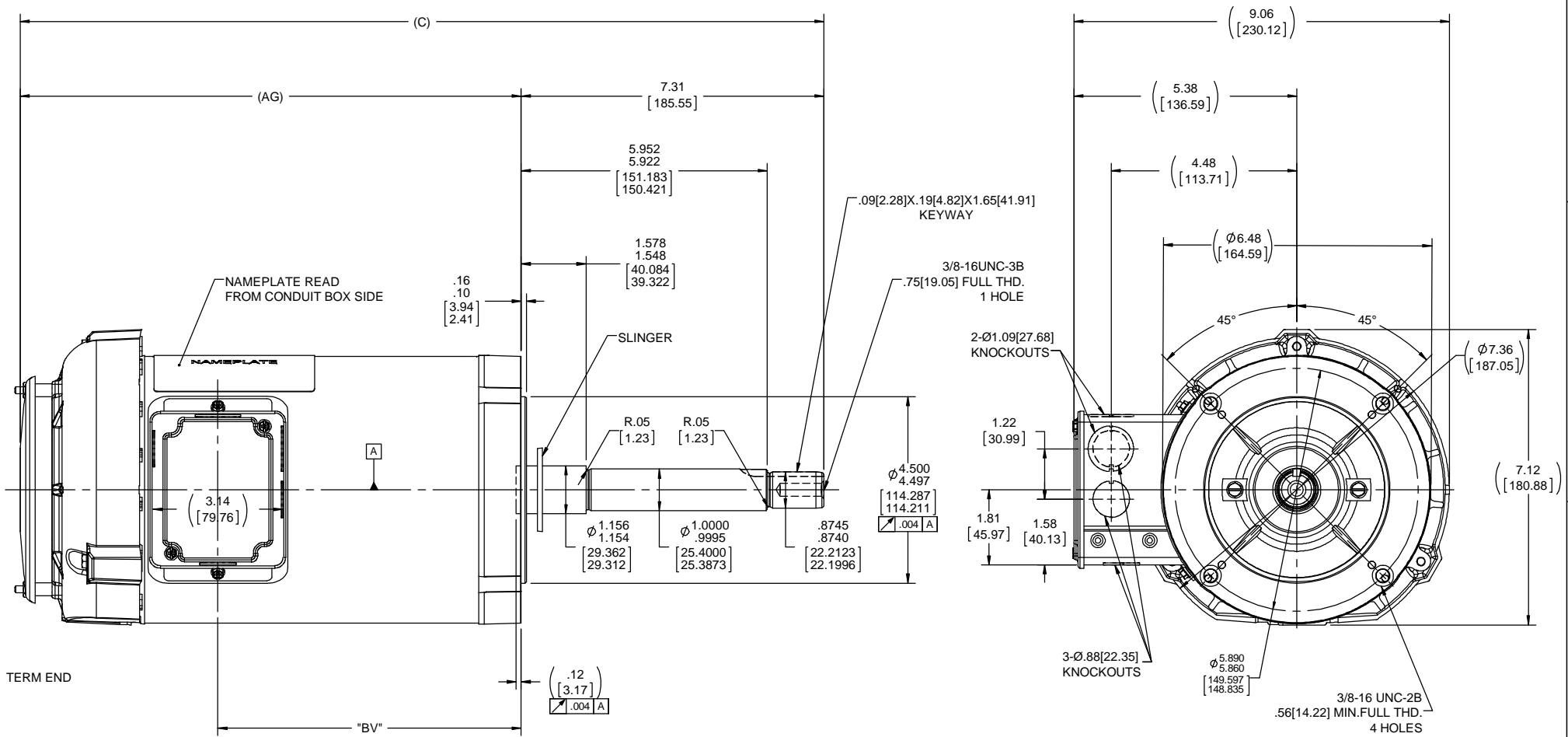
### Nameplate Specifications

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

### Technical Specifications

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

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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 01-29-2018	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]	DRAWN BY RM	DATE 10-23-1992	Regal Beloit America, Inc.	
ECCO-0143026	APPROVED BY PST	DATE 04/11/2018	REMOVE BURRS & BREAK SHARP EDGES: .0031 [0.078] X 45° CORNER FILLETS: R.02 [0.51] MACHINED SURFACES: 200/5.1 INCH/mil	APPROVED BY MS	DESCRIPTION OUTLINE		
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				THIRD ANGLE PROJECTION	SIZE C	DRAWING NUMBER 100659	SHEET 1 OF 1



NO.		REVISION		BY & DATE		CHK		ANG		FINISH		PREV									
5	CHG TO REGAL LOGO	SL	09/10/2015	AB																	
4	REVISED IEC NOTATIONS	MSG	11/15/2011	CMN	.X	±.1															
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG	5/10/2010	MJS	.XX	±.02															
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH	04/24/2003	DRS	.XXX	±.005															
1	REDRAWN	RM	11/20/1990		.XXXX	±.0005															
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										DIST WP											

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DRAWN RM 11/20/1990  
CHK ML 11/21/1990  
APPD SAS 04/24/2003

TITLE CONNECTION DIAGRAM  
3Ø - DUAL VOLTAGE MOTOR

SCALE 1=1  
REF  
FMF