

# PRODUCT INFORMATION PACKET



Model No: 122082.00

Catalog No: 122082.00

3 HP Close-Coupled Pump Motor, 3 phase, 3600 RPM, 230/460 V, 145JMV Frame, ODP  
JM Motors



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The Regal logo is the word "REGAL" in a bold, sans-serif font, set within a grey, trapezoidal shape that tapers to the right. The background of the page features a vertical blue gradient with a halftone dot pattern on the right side.

REGAL



### Nameplate Specifications

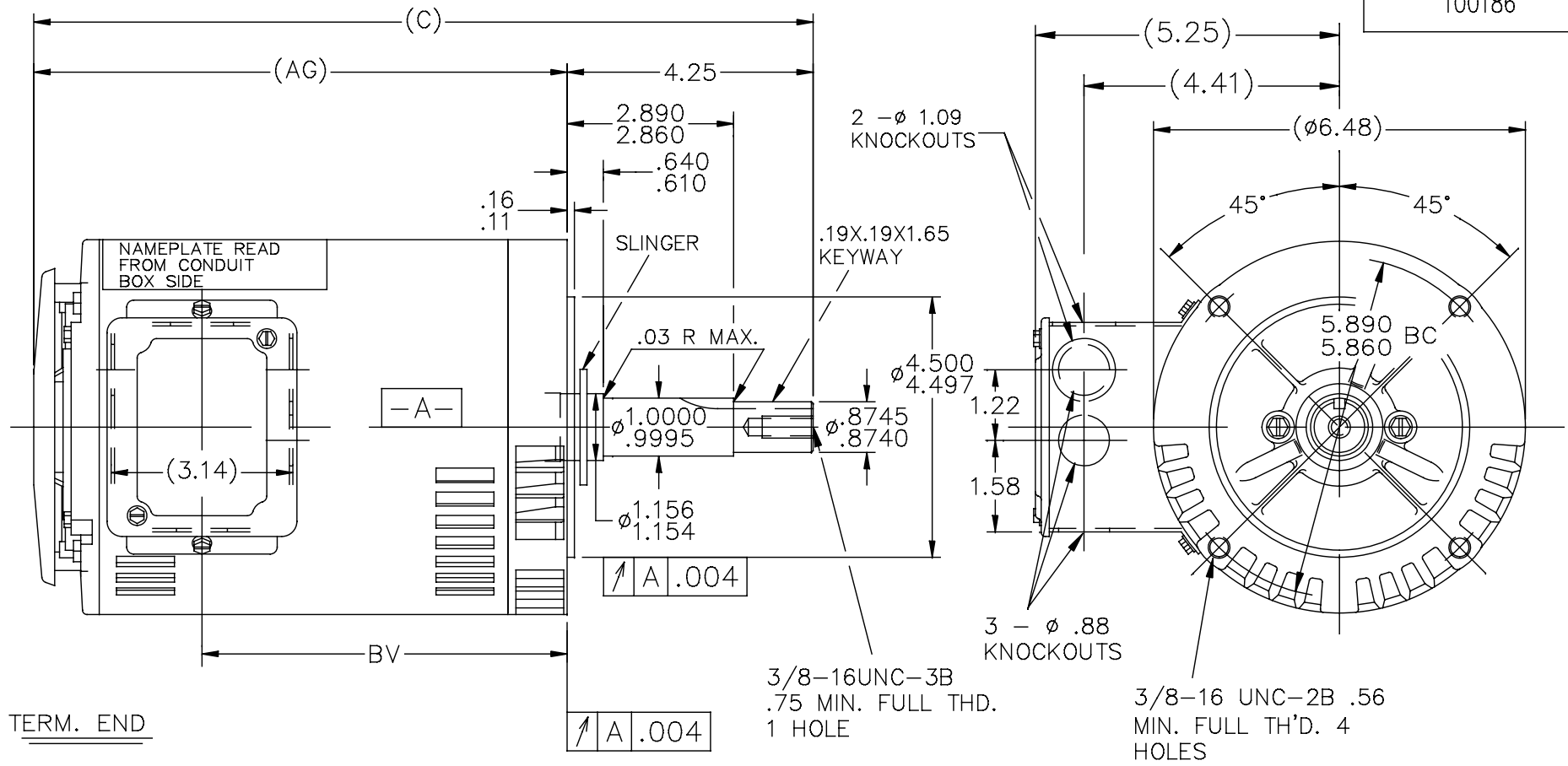
Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>7.6/3.8 A</b>	Speed	<b>3510 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>87.5 %</b>	Power Factor	<b>83.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>M</b>
Frame	<b>145JMV</b>	Enclosure	<b>Drip Proof</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>Y</b>	IP Code	<b>22</b>

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>4.04 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>JM</b>	Overall Length	<b>15.43 in</b>
Frame Length	<b>9.16 in</b>	Shaft Diameter	<b>0.875 in</b>
Shaft Extension	<b>4.25 in</b>	Assembly/Box Mounting	<b>F1 Only</b>

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NOTE: CONDUIT BOX CAN BE ROTATED 180°

DASH	FRAME	C	AG	BV	DASH	FRAME	C	AG	BV
					806	140	14.42	10.17	7.31
656	140	12.92	8.67	5.81	856	"	14.92	10.67	7.81
706	140	13.42	9.17	6.31	906	"	15.42	11.17	8.31
756	140	13.92	9.67	6.81	956	"	15.92	11.67	8.81

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN SMC 10-30-1990		
					DEC.	INCHES				
6	UPDATED TO REGAL LOGO	SAJ 07-06-2015	VS	DEC.	INCHES			CHK ML 10-31-1990		
5	REVISED AK DIA ECR-0044440	SVL 11-06-2013		.X	±.1			APPD		
4	REDRAWN IN AUTOCAD	TAT 07-06-2004	ML	.XX	±.03		TITLE OUTLINE	SCALE 3=8		
3	.75 FULL THD. WAS .88	CN 13229 RM 04-26-1991		.XXX	±.005		140T FR.-BB-DR.PR-C FACE-3φ-JM. EXT.	REF		
2	REDRAWN ON CADD	SMC 10-30-1990		.XXXX	±.0005		MAT'L	FMF		
					±7'30"			PREV		
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				DIST WP						





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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										DRAWING NO.	EE7308	PAGE	OF
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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