

PRODUCT INFORMATION PACKET



Model No: 116186.00

Catalog No: 116186.00

Explosion Proof Motor, 0.75 HP, 1 Ph, 60 Hz, 115/208-230 V, 3600 RPM, 56J Frame, EPFC



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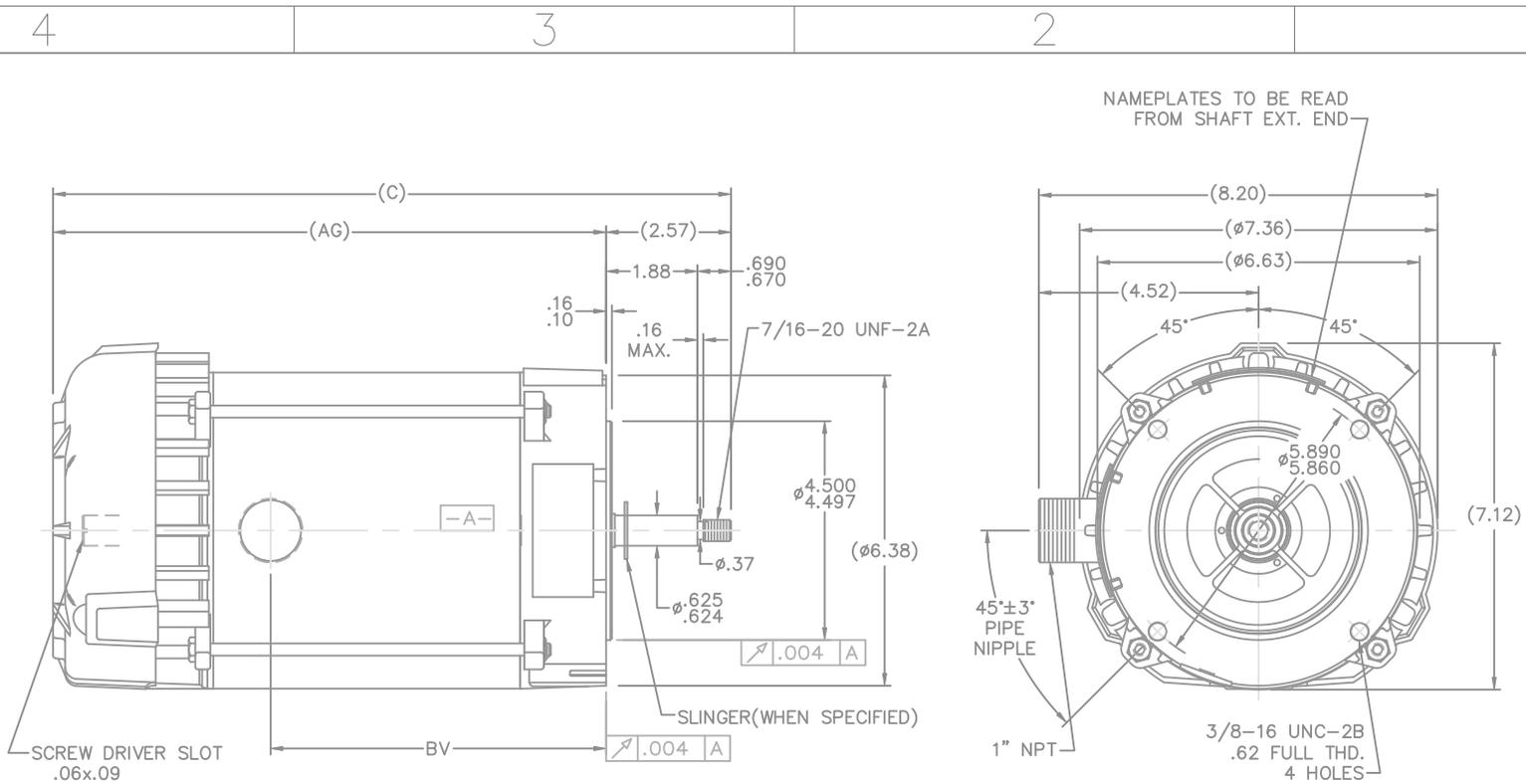


Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	10.6/5.3-5.3 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	66 %	Power Factor	71.9
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	M
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	14.45 in
Frame Length	6.81 in	Shaft Diameter	0.625 in
Shaft Extension	2.44 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	B-104213LE-681	Connection Drawing	A-102005-98-LE



DASH	C	AG	BV
631	13.95	11.38	6.715
681	14.45	11.88	7.215
731	14.95	12.38	7.715
781	15.45	12.88	8.215
831	15.95	13.38	8.715
881	16.45	13.88	9.215
931	16.95	14.38	9.715
981	17.45	14.88	10.215

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED	DRAWN BY:	REGAL™ Regal Beloit America, Inc.	
D	D. VALENCIANO	05-19-2021	DEC. INCH mm ANGLE	RJW		
ECO	APPROVED BY	DATE	.X ±0.1 ±2.5 ±0.5°	DATE:	DESCRIPTION	
ECR-0207998	D. VALENCIANO	05-19-2021	.XX ±0.02 ±0.51	06-22-2007		OUTLINE
ECO DESCRIPTION			.XXX ±0.005 ±0.127	APPROVED BY:	56FR. - C'FACE-EXP. PR.	
UPDATED			.XXX ±0.0005 ±0.0127	ML		
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			mm SHOWN IN [BRACKETS]	06-22-2007		
				REFERENCE	SIZE DWG NO	SHEET
				THIRD ANGLE PROJECTION	B 104213LE	1

