

PRODUCT INFORMATION PACKET



Model No: 942A

Catalog No: 942A

OEM Replacement Motor, 1/4 HP, 1 Ph, 60 Hz, 115 V, 1075 RPM, 1 Speed, 42 Frame, OAO



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Nameplate Specifications

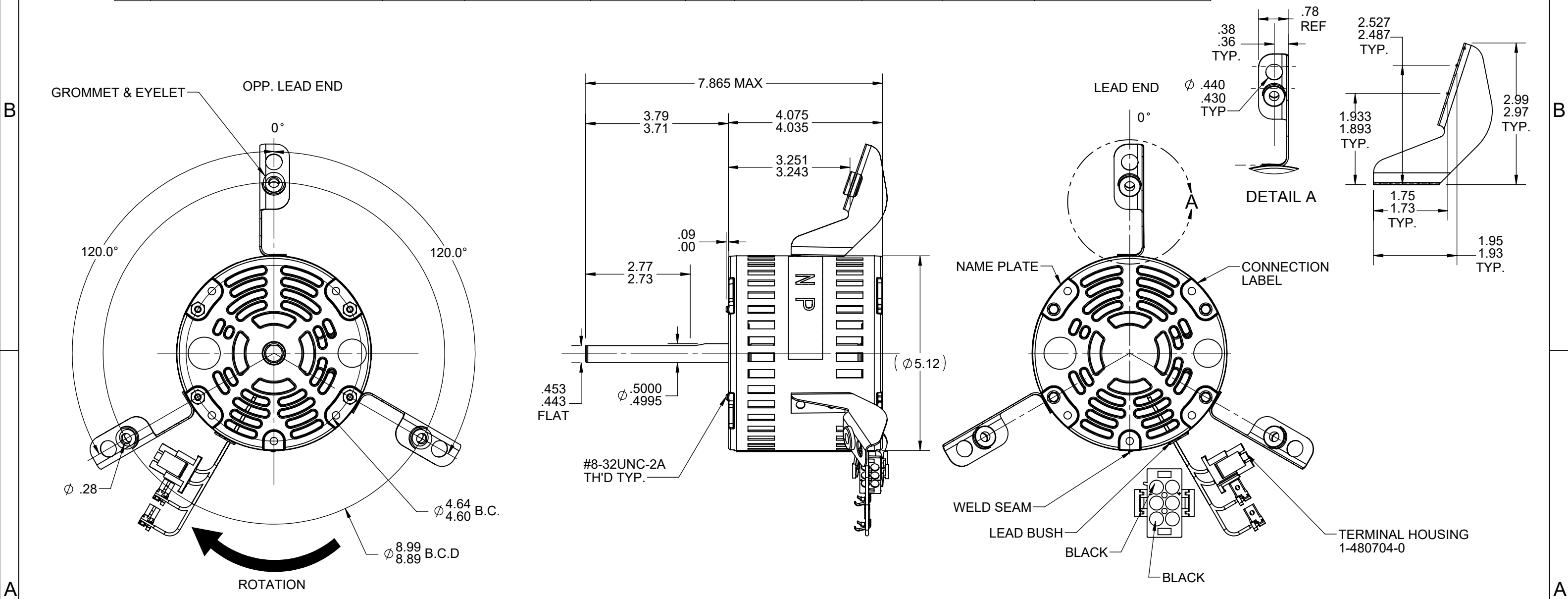
Phase	1	Output HP	1/4 Hp
Voltage	115 V	Speed	1075 rpm
Service Factor	1.0	Frame	42
Enclosure	Open Air Over	Thermal Protection	Automatic
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.2 A	Duty	Continuous Air Over
Insulation Class	B	UL	Recognized
CSA	Y	CE	N
Number of Speeds	1		

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Counterclockwise Lead End
Mounting	Lug	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Flat	Frame Length	4.08 in
Shaft Diameter	0.500 in	Shaft Extension	3.75 in
Outline Drawing	71870500R		

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S.NO	CONNECTION	COLOR	EXIT TYPE	EXIT LOC (VIEWING LE)	GAGE	MATERIAL	WALL THK.	LENGTH (±1.50)	TERMINATION	VENTILATION SYSTEM		
1	COMMON LEAD	BLACK	LEAD BUSH	5:00	18	XLPE	2/64	15.00	MAT-N-LOK (MALE)	SHELL VENTS	OPEN	
2	CAPACITOR LEAD	BROWN	LEAD BUSH	5:00	18	XLPE	2/64	15.00	.25 FQC	ENDSHIELD(OPP.LEAD END)	OPEN	
3	CAPACITOR LEAD	BROWN	LEAD BUSH	5:00	18	XLPE	2/64	15.00	.25 FQC		OPEN	
4	HIGH SPEED LEAD	BLACK	LEAD BUSH	5:00	18	XLPE	2/64	15.00	MAT-N-LOK (MALE)	ENDSHIELD(LEAD END)	OPEN	



NAMEPLATE DATA	
MODEL	71870500
CUST P/N	942A
HP	1/4
RPM	1075
VOLTS	115
HZ	60
SPEED	1
AMPS	6.2
CAP REQ'D_1	7.5/370
CAP REQ'D_2	N/R
CONN. DWG	NP24X327048
ROTATION	CCWLE

- NOTE:
- NAMEPLATE LABEL LOCATION: 315° - CENTER- READ FROM OLE WITH RESPECT TO MOTOR ZERO.
 - OVERLOAD PROTECTOR : AUTOMATIC RESET (7AM036)

DRAWING REVISION AC		REVISION BY BHANU		REV DATE/© DATE 09/05/2024		PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY BS		Regal Beloit America, Inc.			
REQUEST NUMBER NMR-0227486		APPROVED BY Muralidar		DATE 09/05/2024			DATE 6/10/2023					
REQUEST NUMBER DESCRIPTION INITIAL SAMPLE REQ# 23-0844							APPROVED BY RS		DESCRIPTION			
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