PRODUCT INFORMATION PACKET

Model No: CPO10
Catalog No: CPO10
1 HP Close-Coupled Pump Motor, 3 phase, 1800 RPM, 208-230/460 V, 143JM Frame, ODP
Close-Coupled Pump Motors

Century®

Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	3.1-2.8/1.4 A	Speed	1748 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	143JM	Enclosure	Open Drip Proof
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	1

Technical Specifications

Electrical Type	POLYPHASE	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	13.80 in
Frame Length	5.75 in	Shaft Diameter	1.000 in
Shaft Extension	4.26 in		
Connection Drawing	A-EE7308	Outline Drawing	SS620613

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(3/16x3/16x1.6) KEY

(1.00) (0.874)

(4.50) (6.50)

(0.12)

3/8-16 UNC

(2F)
(0.50)
(0.64)
(2F)
(2.75)
(2.89)
(B)
(4.26)
(C)

3/8"-16UNC-2B
4 HOLES

(5.91)
(7.00)
(5.875)
(6.9)
(3.50)
(0.12)
NPT 3/4"
0.71x0.35
8 HOLES
(2.75)
(5.50)
(6.50)
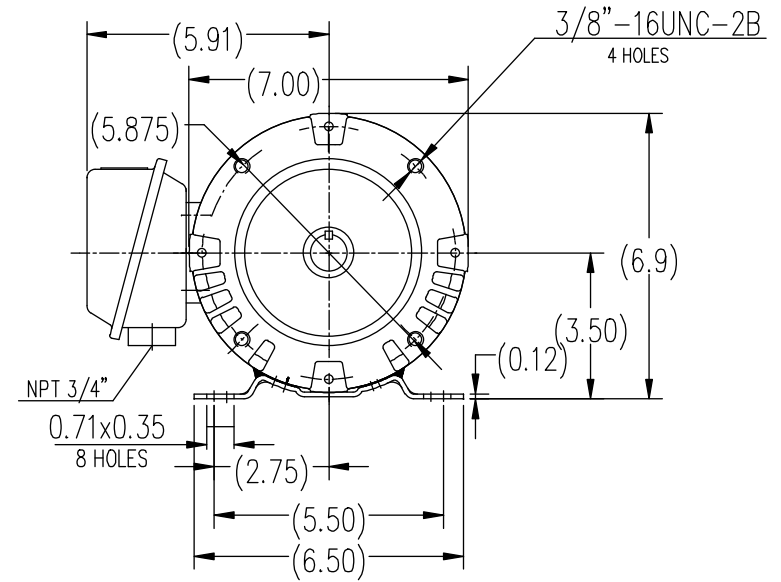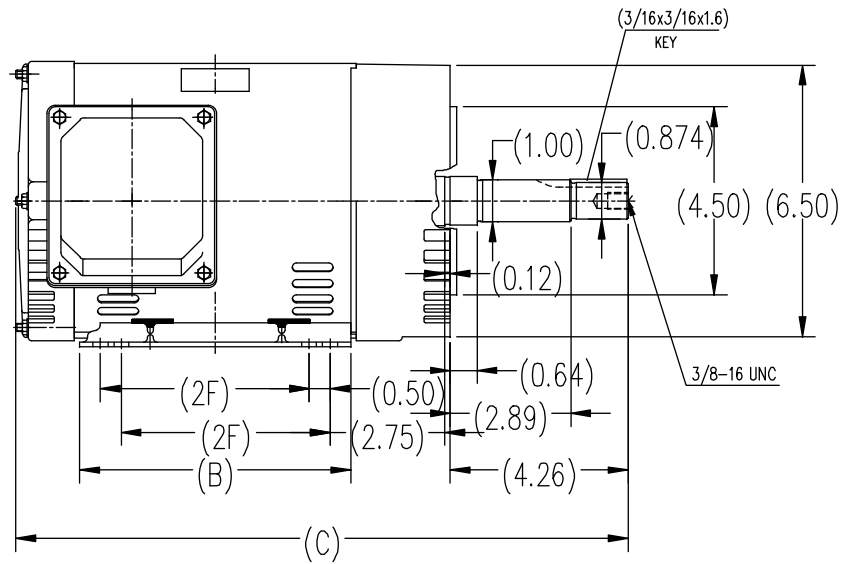
TYPE	2F	B	C
ODP 143JM	4.0	5.71	13.8
ODP 145JM	5.0	6.70	14.8

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2

REGAL REGAL-BELOIT CORPORATION

DRAWN WANG 7.26.2012
CHK
APPD

TITLE OUTLINE ODP 143/145JM

SCALE
REF
FMF
PREV

MAT'L.
FINISH

NO. REVISION BY & DATE CHK

RFP
CAD FILE SS620613
DIST

SIZE B
DRAWING NO. SS620613
REV.

EE7308

THREE PHASE DUAL VOLTAGE MOTOR

HIGH VOLTAGE

(U1) T1	——	L1
(V1) T2	——	L2
(W1) T3	——	L3
(U2) T4		
(U3) T7		
(V2) T5		
(V3) T8		
(W2) T6		
(W3) T9		

LOW VOLTAGE

(U1) T1		
(U3) T7		L1
(V1) T2		
(V3) T8		L2
(W1) T3		
(W3) T9		L3
(U2) T4		
(V2) T5		
(W2) T6		

VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

T1 (U1)
T4 (U2)
T9 (W3)
T7 (U3)
T8 (V3)
T6 (W2)
T5 (V2)
T2 (V1)
T3 (W1)

OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

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

		SIZE	DRAWING NO. PAGE OF	REV.
RFP	CAD FILE ee7308	A	EE7308	5
DIST WP				