PRODUCT INFORMATION PACKET

Model No: 145TTDR16422
Catalog No: FX05BK001
FLEX-IN-1™ General Purpose Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 145TC Frame

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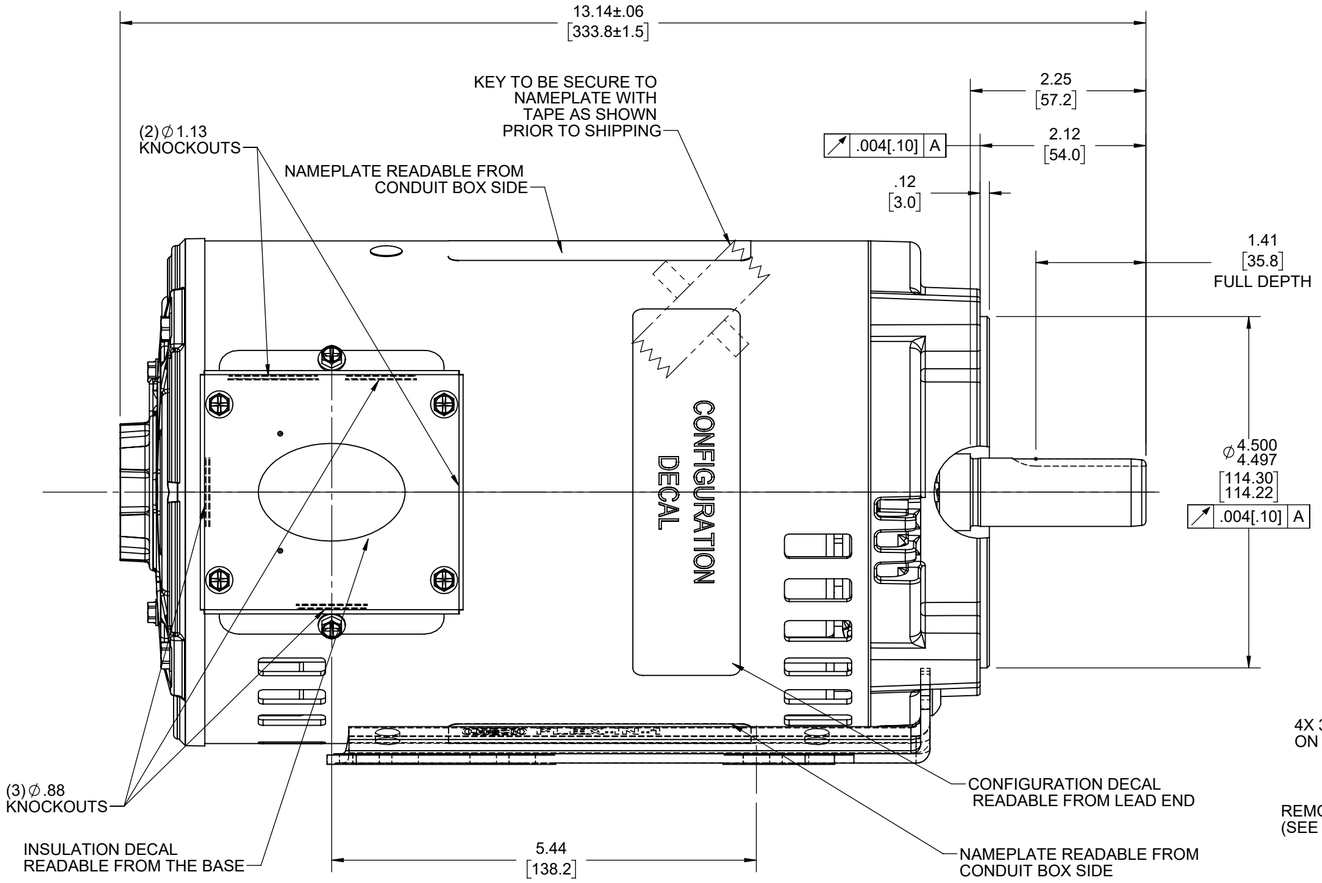
Nameplate Specifications

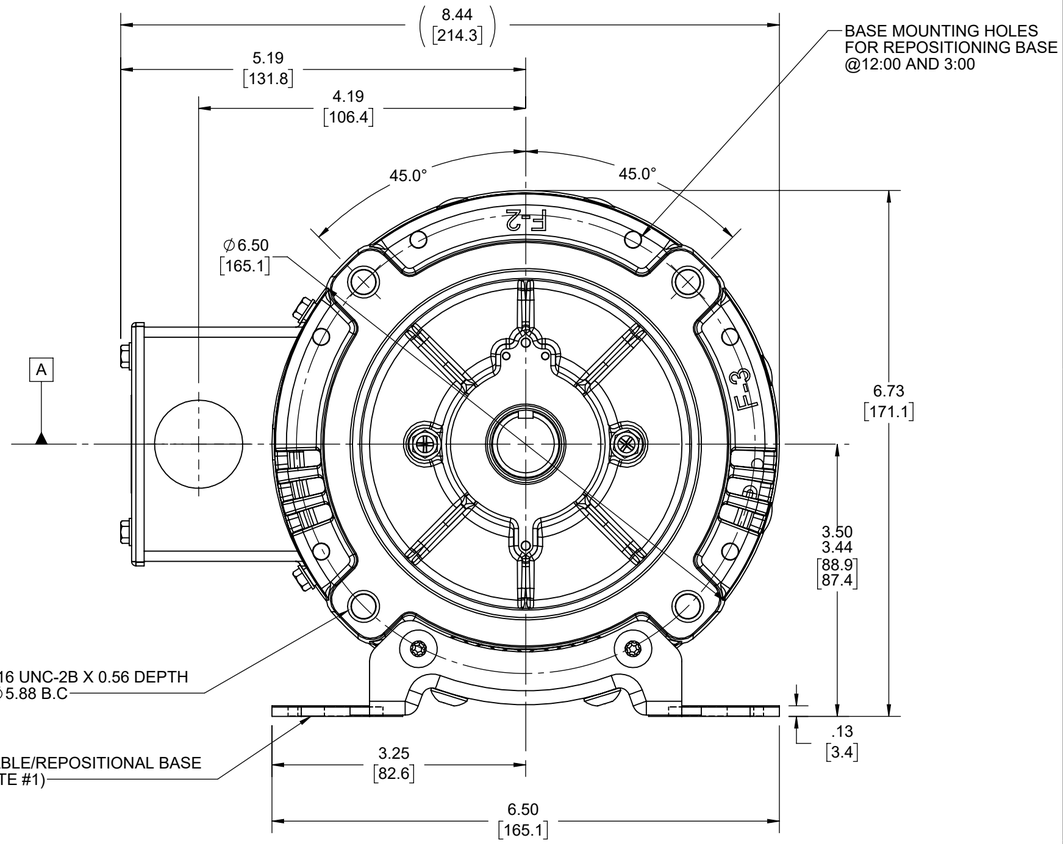
Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3490 & 2930 rpm	Service Factor	1.00 & 1.00
Frame	145TC	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	84 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 9.2/4.6 A	Power Factor	90
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

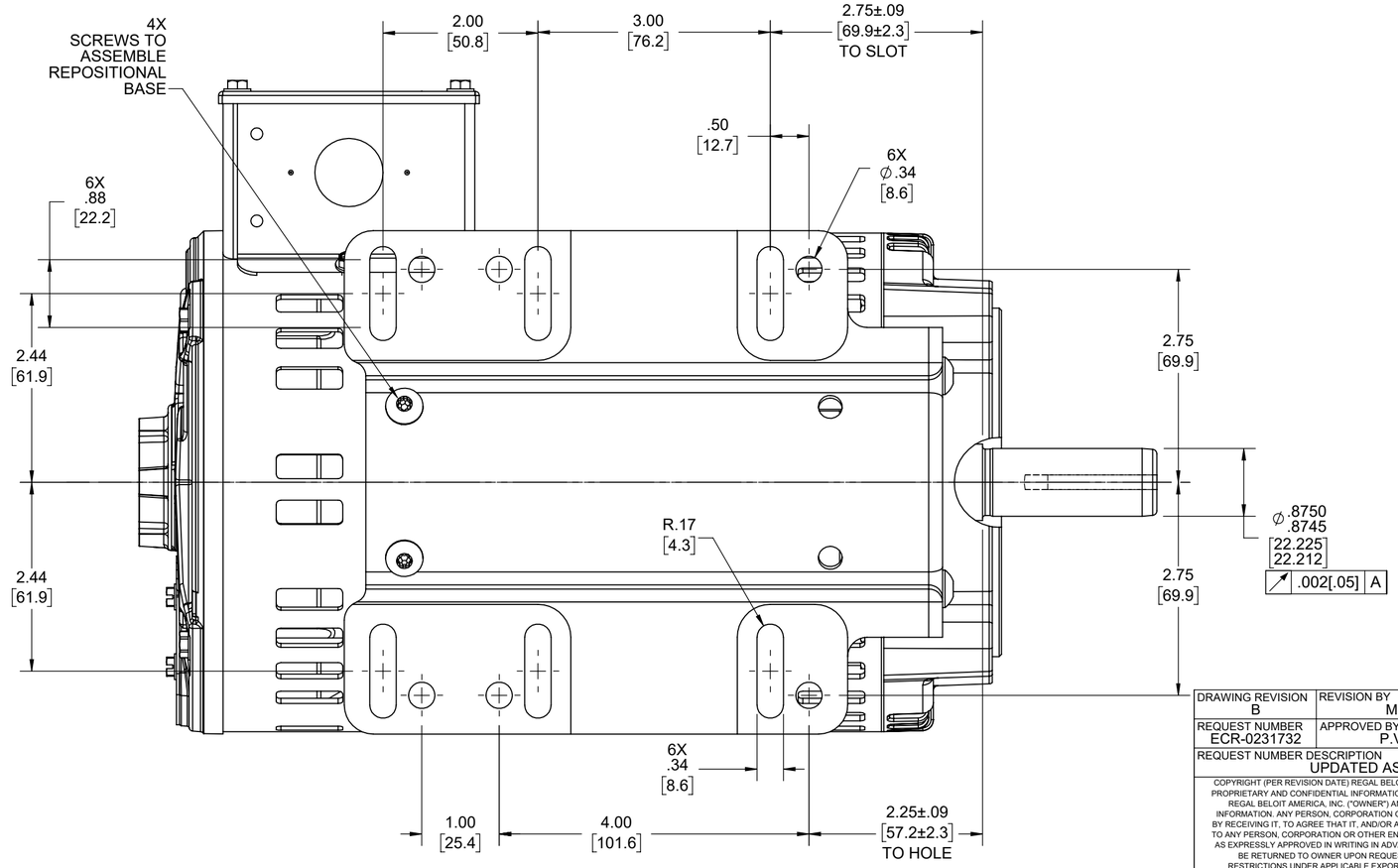
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.73 Ohms	Mounting	Bolt-on Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1 ¿ F2/F3 CAPABLE
Inverter Load	VARIABLE 10:1		
Connection Drawing	CDTD113	Outline Drawing	OL56100932-001

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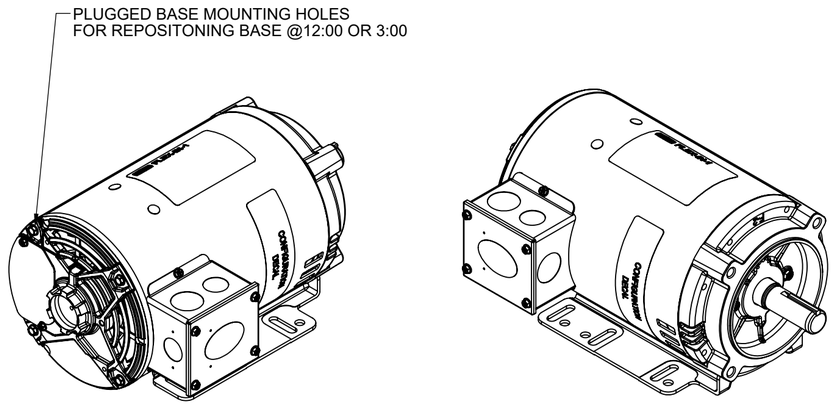






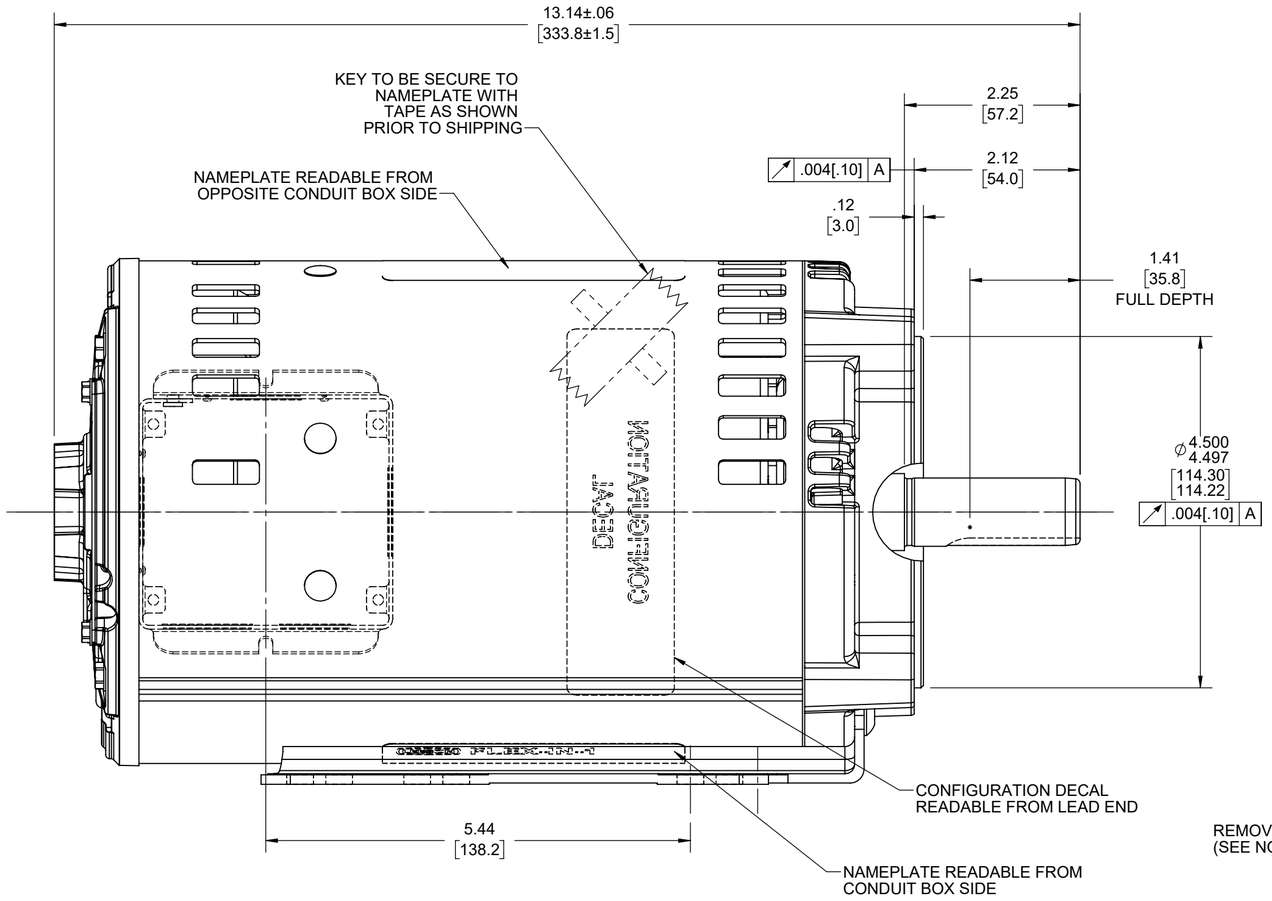
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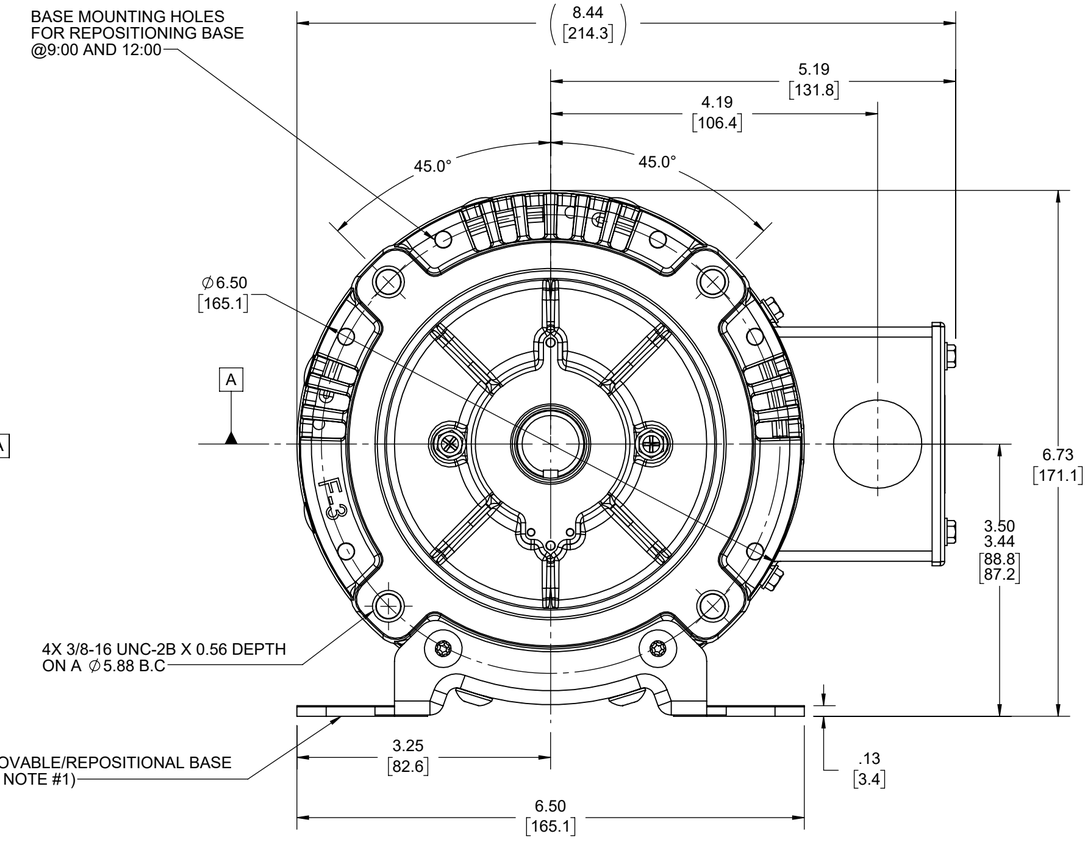
1) REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 12:00 OR 3:00 FACING SHAFT END OF MOTOR FOR NEMA F-2 OR F-3 CONDUIT BOX LOCATION.

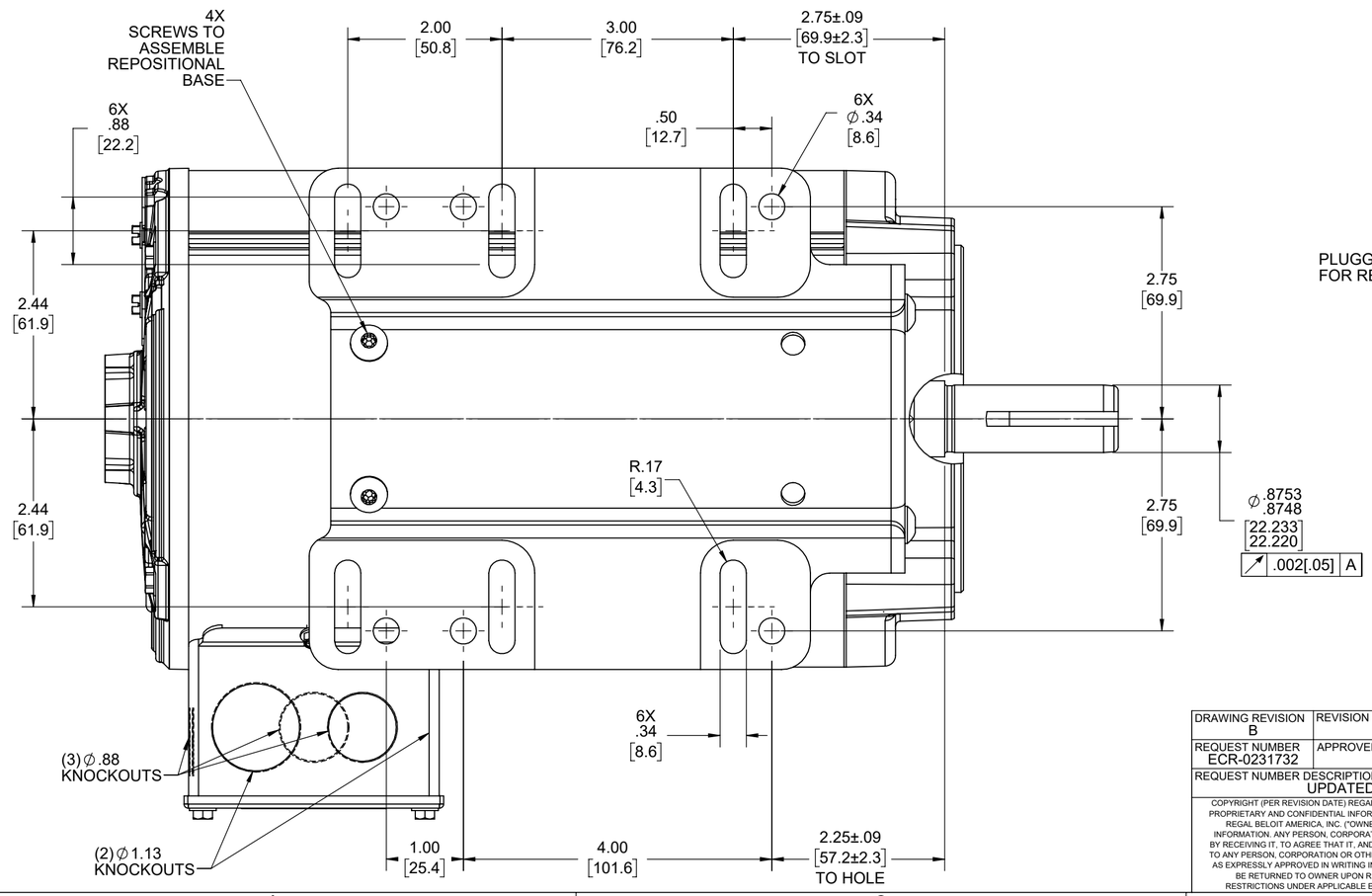


DRAWING REVISION: B	REVISION BY: M.P	REV DATE/© DATE: 02/26/2024	TOLERANCES (EXCEPT AS NOTED):			DRAWN BY: MP	Regal Rexnord — Regal Beloit America, Inc.
REQUEST NUMBER: ECR-0231732	APPROVED BY: P.V.R	DATE: 02/26/2024	DEC.	INCH	mm / ANGLE	DATE: 08/25/2023	
REQUEST NUMBER DESCRIPTION: UPDATED AS PER ECR			.X	±0.1	[±3] ±0.5°	APPROVED BY: PVR	DESCRIPTION: OUTLINE
			.XX	±0.02	[±0.5]	DATE: 08/25/2023	56-140FR,C FACE DP, BOLT-ON
			.XXX	±0.005	[±0.13]	REFERENCE: OL56100899	MATERIAL / PROCESS/FINISH
			.XXXX	±0.0005	[±0.013]		
			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125 / 3.2 INCH / mm			THIRD ANGLE PROJECTION	SIZE: C — DRAWING NUMBER: OL56100932-001 — SHEET: 1 OF3
			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY				

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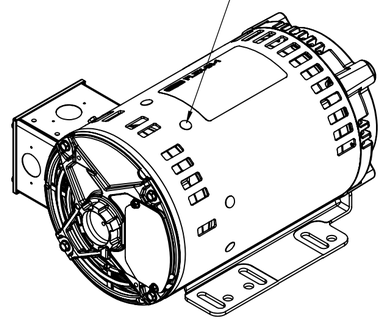


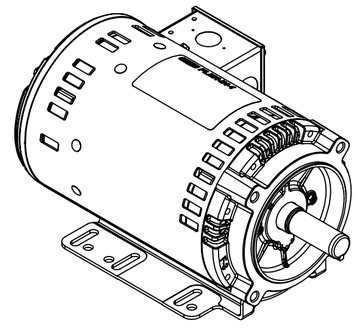


NOTES:

1) REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 12:00 OR 9:00 FACING SHAFT END OF MOTOR FOR NEMA F-1 OR F-3 CONDUIT BOX LOCATION.

PLUGGED BASE MOUNTING HOLES FOR REPOSITONING BASE @9:00 OR 12:00





DRAWING REVISION: B	REVISION BY: M.P	REV DATE/© DATE: 02/26/2024	
REQUEST NUMBER: ECR-0231732	APPROVED BY: P.V.R	DATE: 02/26/2024	
REQUEST NUMBER DESCRIPTION: UPDATED AS PER ECR			

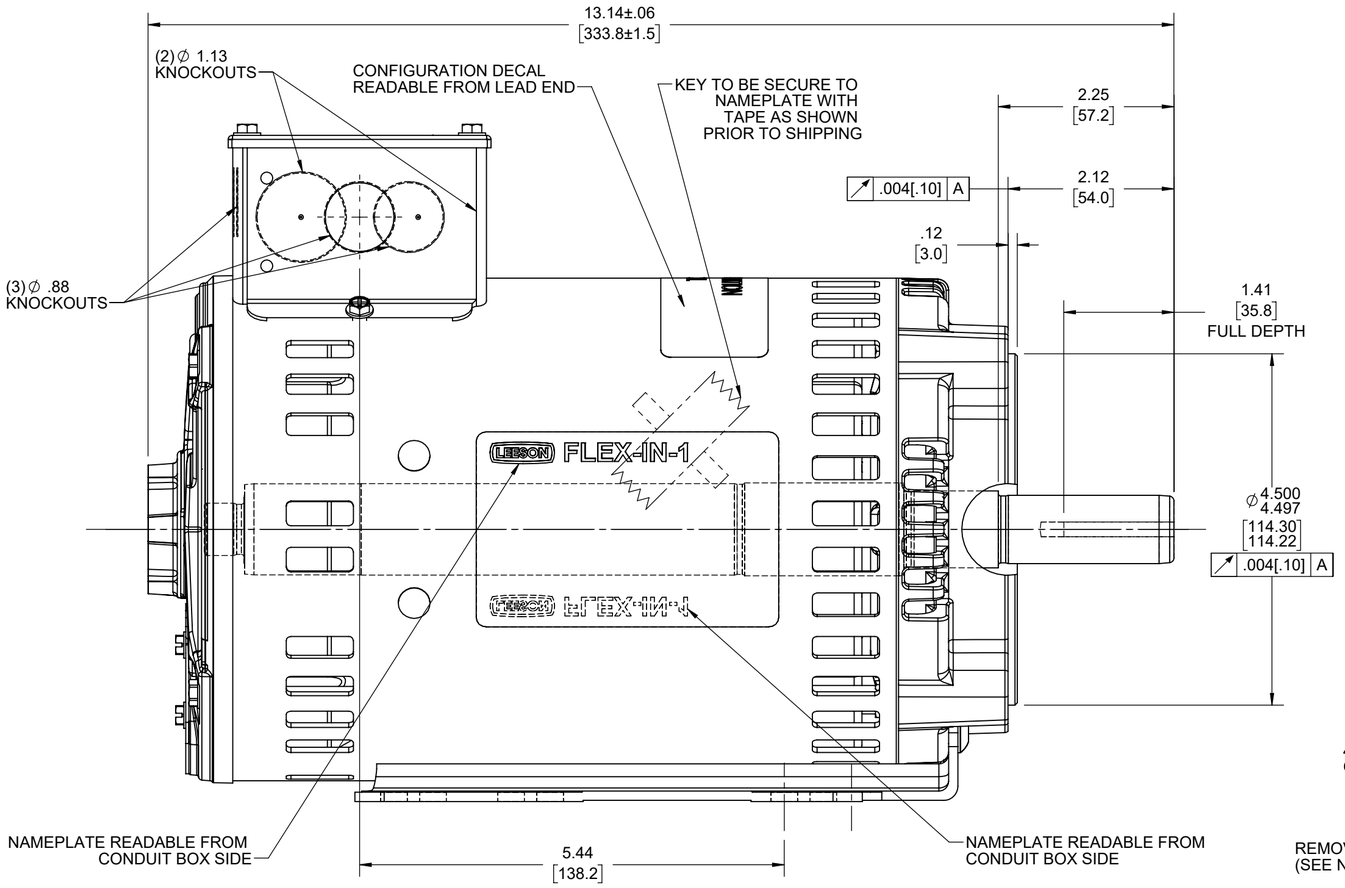
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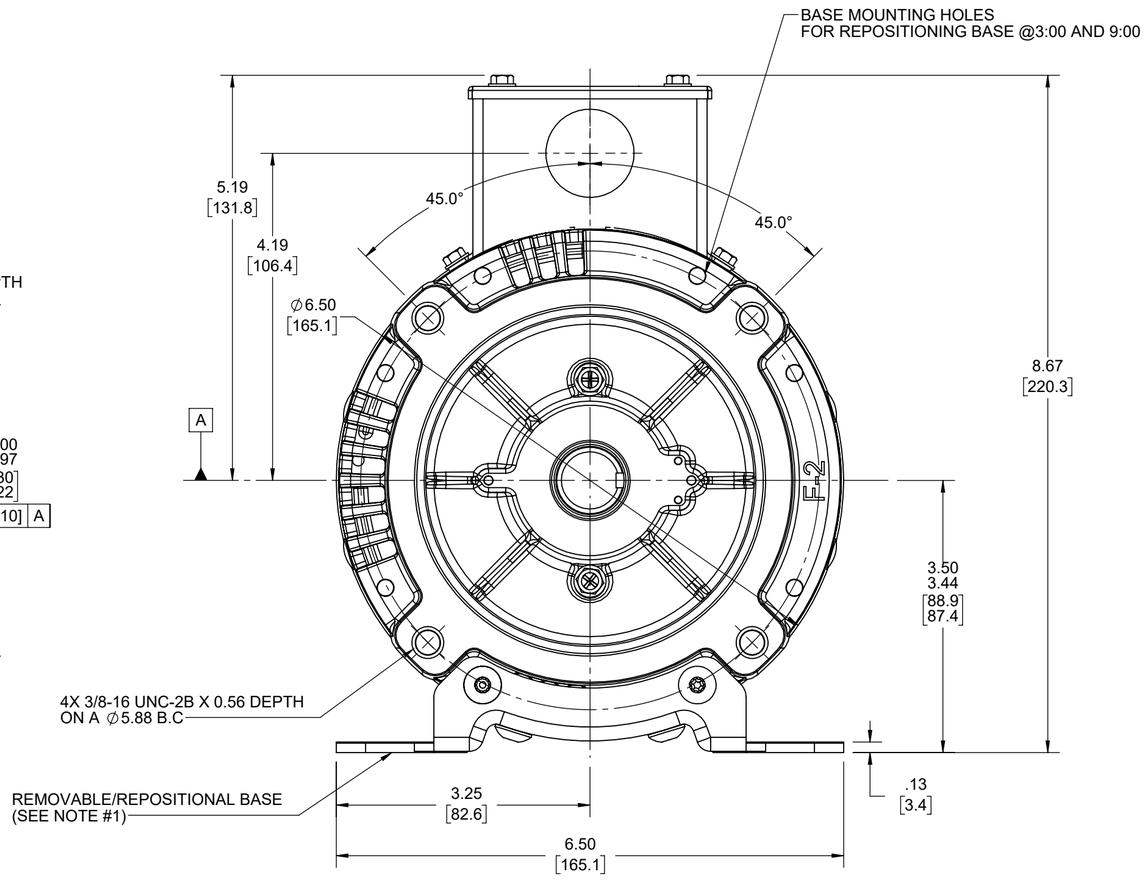
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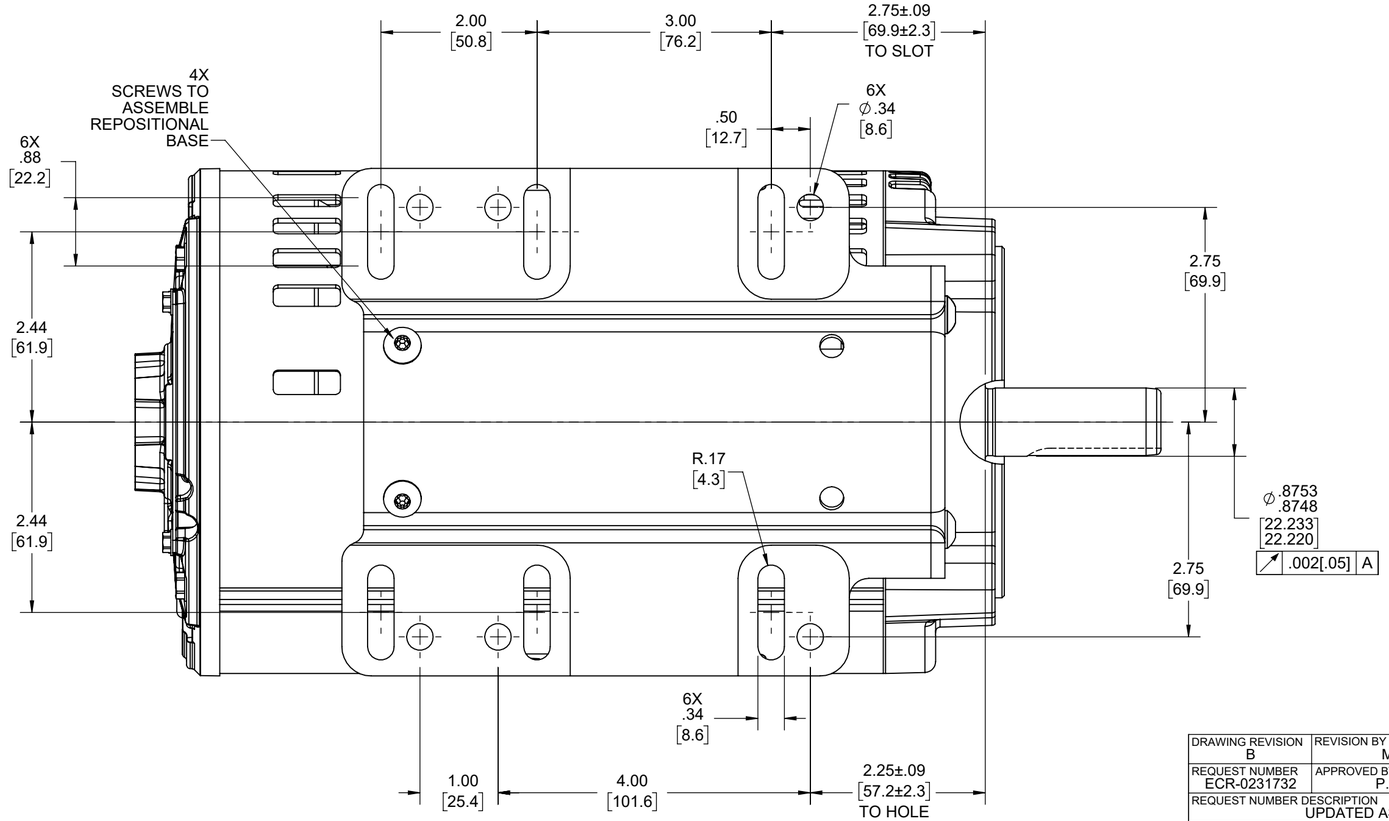
DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±0.5°
.XX	±0.02	[±0.5]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY: MP	Regal Rexnord	Regal Beloit America, Inc.	
DATE: 08/25/2023			
APPROVED BY: PVR	DESCRIPTION: OUTLINE 56-140FR,C FACE DP, BOLT-ON		
DATE: 08/25/2023			
REFERENCE: OL56100899	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE: C	DRAWING NUMBER: OL56100932-001	SHEET: 2 OF3

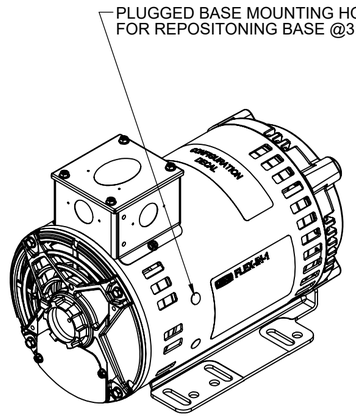


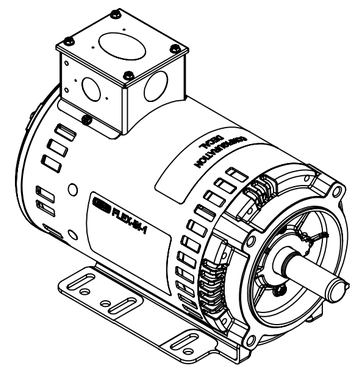




NOTES:

1) REPOSITIONAL BASE CAN BE REMOVED FOR C-FACE MOUNTING OR REPOSITIONED TO 9:00 OR 3:00 FACING SHAFT END OF MOTOR FOR NEMA F-1 OR F-2 CONDUIT BOX LOCATION.

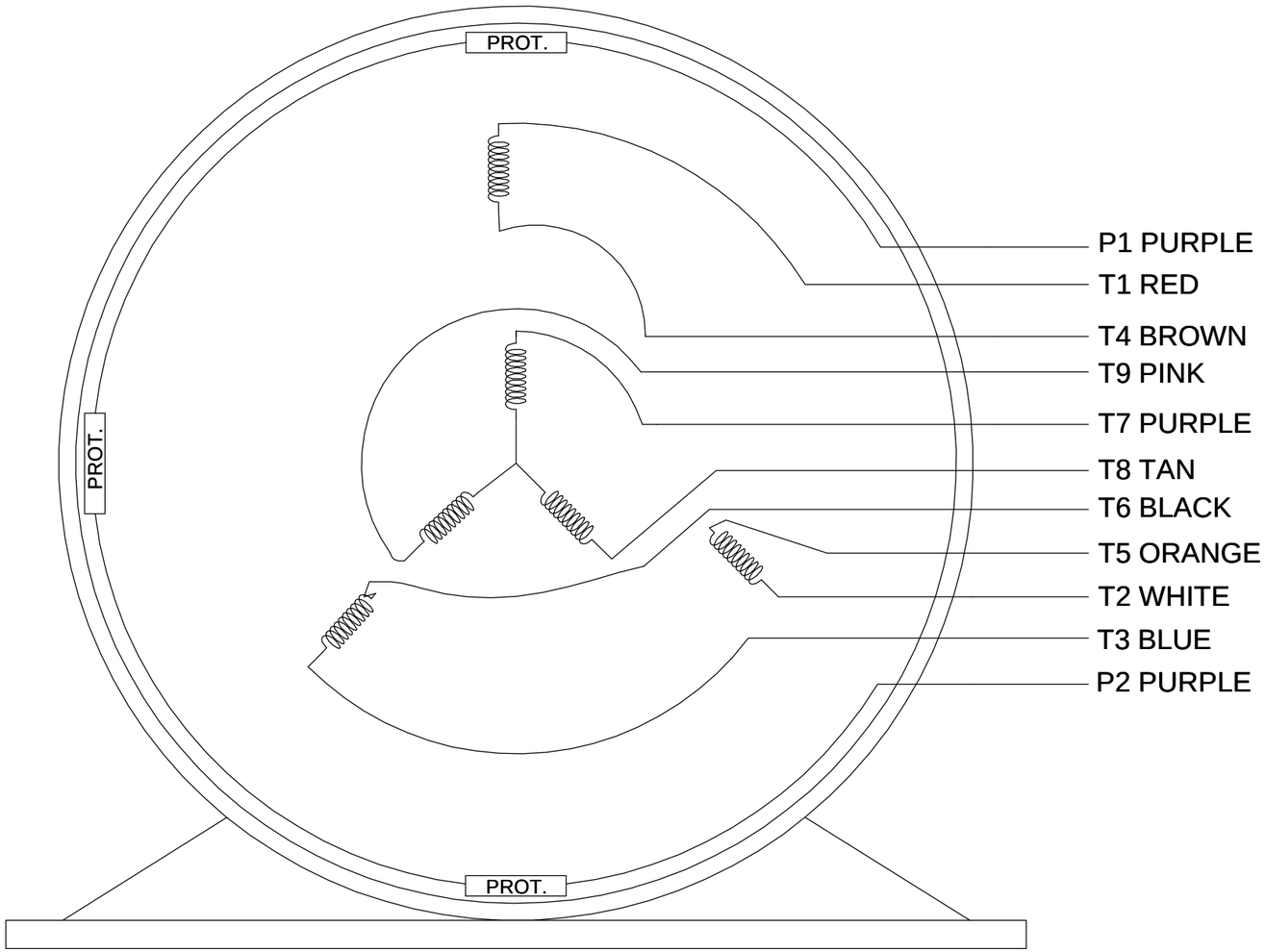




DRAWING REVISION: B	REVISION BY: M.P	REV DATE/© DATE: 02/26/2024	TOLERANCES (EXCEPT AS NOTED):	DRAWN BY: MP	Regal Rexnord — Regal Beloit America, Inc.
REQUEST NUMBER: ECR-0231732	APPROVED BY: P.V.R	DATE: 02/26/2024	DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	DATE: 08/25/2023	
REQUEST NUMBER DESCRIPTION: UPDATED AS PER ECR			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125 INCH / 3.2 mm	APPROVED BY: PVR	DESCRIPTION: OUTLINE 56-140FR,C FACE DP, BOLT-ON
			mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DATE: 08/25/2023	
				REFERENCE: OL56100899	MATERIAL / PROCESS/FINISH
				THIRD ANGLE PROJECTION	SIZE: C — DRAWING NUMBER: OL56100932-001 — SHEET: 3 OF3

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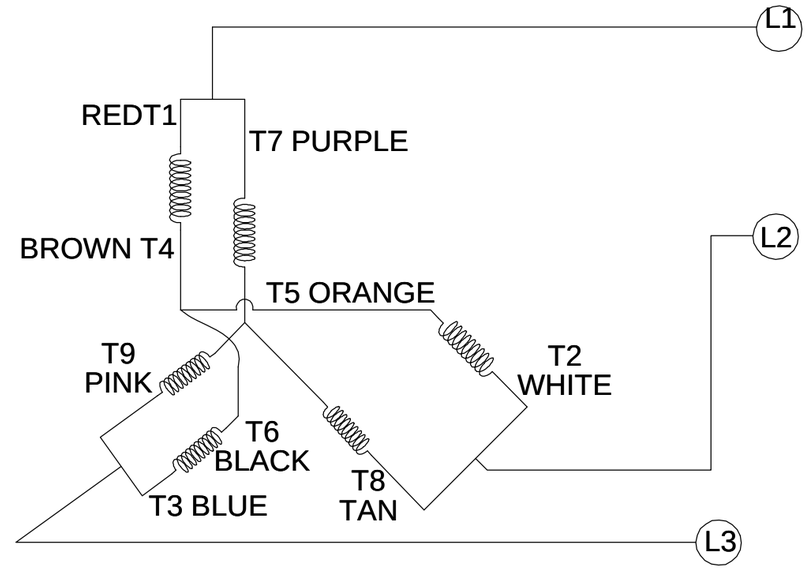


VIEW OF TERMINAL END

NOTES:

1. TO REVERSE ROTATION, INTERCHANGE ANY TWO LINE CONNECTIONS TO L1, L2, OR L3.
2. CONNECTION DIAGRAM-NAMEPLATE DD10042-002.

CCW LOW VOLTAGE 001



CCW HIGH VOLTAGE 002

DRAWING REVISION D	REVISION BY KHADHAR	DATE 12/05/2018
ECO ECO-0157853	APPROVED BY CD	DATE 12/05/2018
ECO DESCRIPTION UPDATED CONNECTION DIAGRAM NAMEPLATE NUM.		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381]
CORNER FILLETS: .02 [.51]
MACHINED SURFACES: 125 INCH / 3.2 mm
mm SHOWN IN [BRACKETS]

DRAWN BY G. RODRIGUEZ	Regal Beloit America, Inc.		
DATE 25-01-2016			
APPROVED BY E.VILLA	DESCRIPTION CONN DIAGRAM-EXTERNAL		
DATE 25-01-2016			
REFERENCE EE7308T	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER CDTD113	SHEET 1 OF 1