

# PRODUCT INFORMATION PACKET



Model No: C4D18FK8A

Catalog No: 109108.00

2HP.1800RPM.ZLS56CZ.TEFC.48V.CONT.40C.1.0SF.RIGID C.DC NEMA LOW VOLTAGE.C4D18FK8A  
Low Voltage



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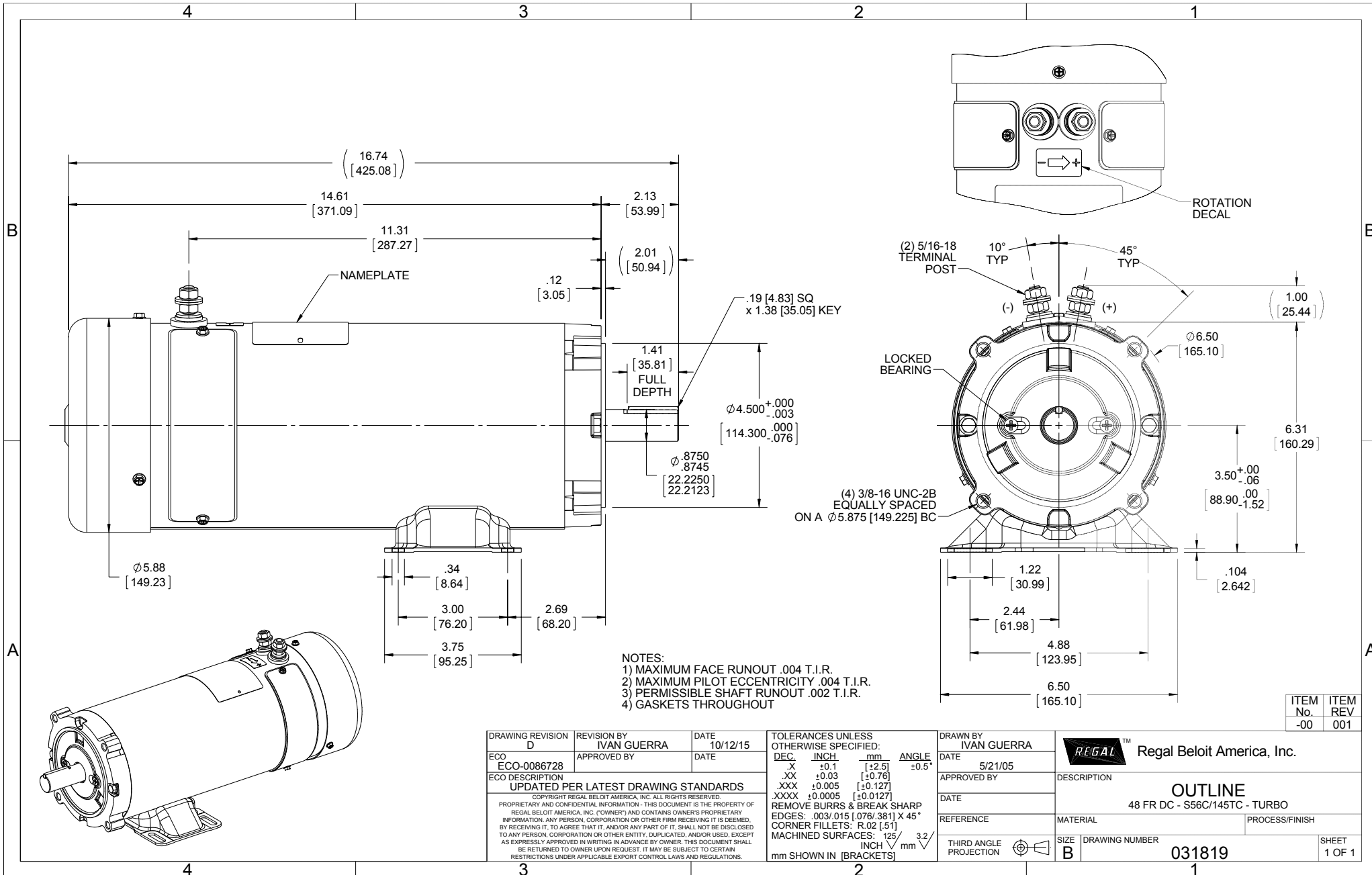
### Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Voltage	48 V	Current	38.0 A
Speed	1800 rpm	Service Factor	1
Efficiency	82.1 %	Duty	Continuous
Insulation Class	F	Frame	ZLS56CZ
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N

### Technical Specifications

Rotation	Reversible	Mounting	Rigid C base
Overall Length	16.74 in	Frame Length	11.50 in
Shaft Diameter	0.625 in	Shaft Extension	2.13 in
Outline Drawing	031819		

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- NOTES:  
 1) MAXIMUM FACE RUNOUT .004 T.I.R.  
 2) MAXIMUM PILOT ECCENTRICITY .004 T.I.R.  
 3) PERMISSIBLE SHAFT RUNOUT .002 T.I.R.  
 4) GASKETS THROUGHOUT

DRAWING REVISION D		REVISION BY IVAN GUERRA	DATE 10/12/15	TOLERANCES UNLESS OTHERWISE SPECIFIED:		DRAWN BY IVAN GUERRA		Regal Beloit America, Inc.	
ECO-0086728		APPROVED BY	DATE	DEC.	INCH	mm	ANGLE		
ECO DESCRIPTION UPDATED PER LATEST DRAWING STANDARDS				.X	±0.1	[±2.5]	±0.5°	DESCRIPTION <b>OUTLINE</b> 48 FR DC - S56C/145TC - TURBO	
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				.XXX	±0.005	[±0.127]		DATE	
				.XXXX	±0.0005	[±0.0127]		REFERENCE	
				REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/381] X 45° CORNER FILLETS: R.02 [51]			THIRD ANGLE PROJECTION		SIZE B
				MACHINED SURFACES: 125 / <sub>mm</sub> √ 3.2				DRAWING NUMBER 031819	SHEET 1 OF 1