PRODUCT INFORMATION PACKET



Model No: 404THFCD9077 Catalog No: W589A-P

Fire Pump Motor, 60 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 404T Frame, TEFC



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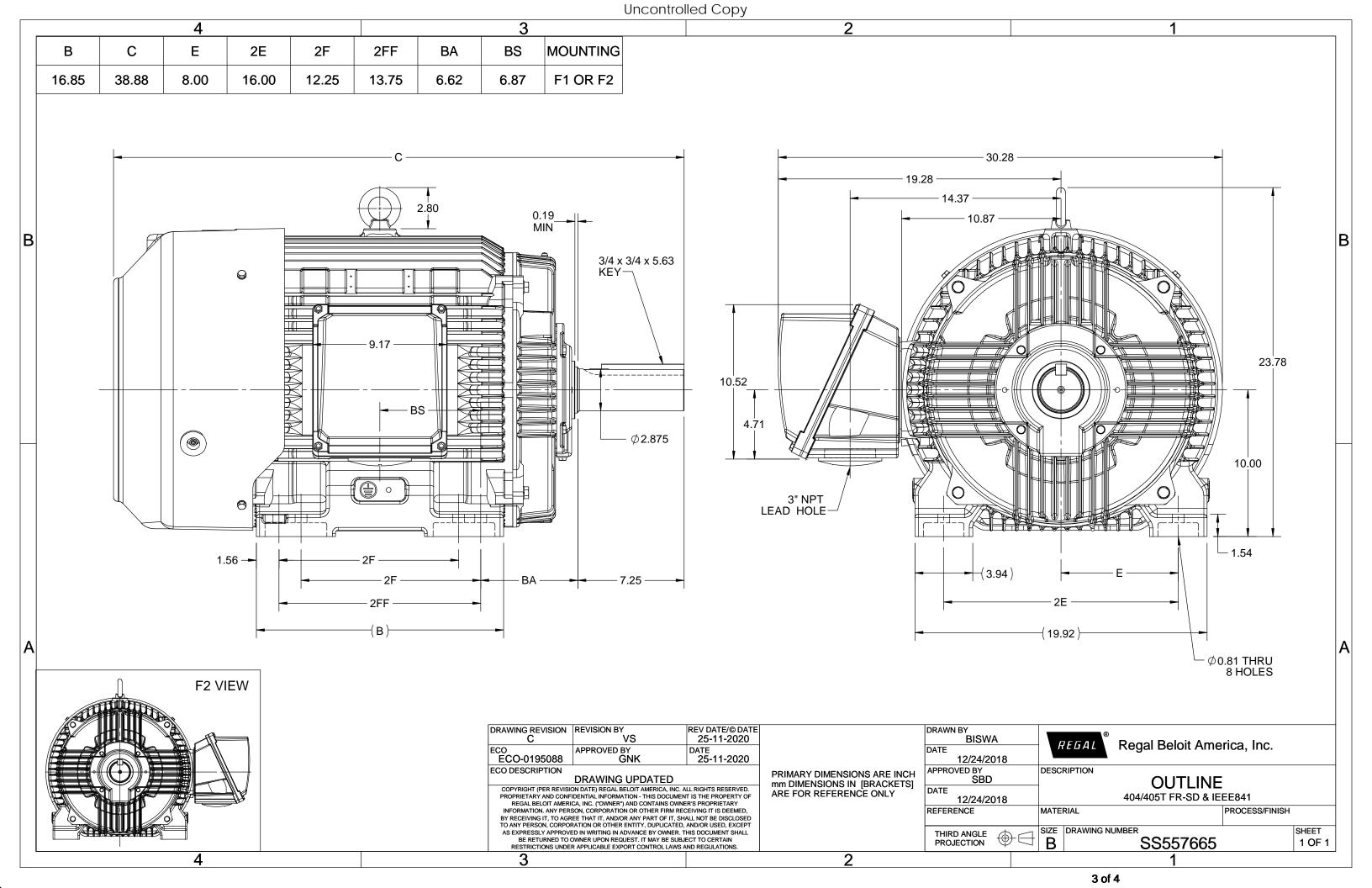
Nameplate Specifications

Phase	3	Output HP	60 Hp
Output KW	45.0 kW	Voltage	460 V
Speed	1190 rpm	Service Factor	1.15
Frame	404T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	71.5 A	Power Factor	83
Duty	Continuous	Insulation Class	Н
Design Code	В	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Υ
CE	Υ	IP Code	56
Number of Speeds	1		

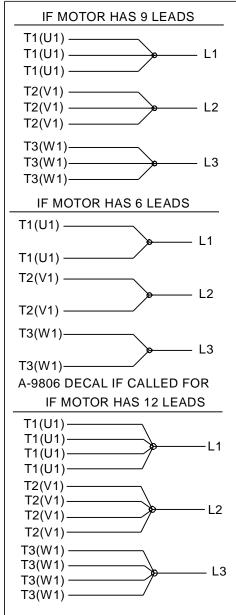
Technical Specifications

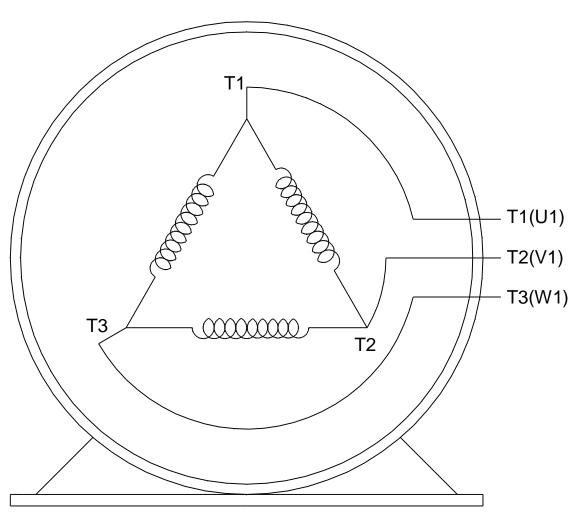
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter	
Poles	6	Rotation	Reversible	
Resistance Main	.116 Ohms	Mounting	Rigid Base	
Motor Orientation	Horizontal	Drive End Bearing	Ball	
Opp Drive End Bearing	Ball	Frame Material	Cast Iron	
Shaft Type	Т	Shaft Diameter	2.875 in	
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1	
Outline Drawing	SS557665	Connection Drawing	EE7300U	

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VIEW OF TERMINAL END

DRAWING REVISION	REVISION BY	DATE	
L	AJW	05-04-2015	
ECO	APPROVED BY	DATE	
ECO-0077067	EWH	05-05-2015	
ECO DESCRIPTION			

UPDATED TO SOLIDWORKS

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TOLER	ANCES UN	ILESS	
OTHER	WISE SPE	CIFIED:	
DEC.	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>
.X	±0.1	[±2.5]	±7' 30"
.XX	±0.02	[±0.51]	
XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOV	'E BURRS	& BREAK S	HARP
EDGES	: .003/.015	5 [.076/.381]	X 45°
CORNE	R FILLETS	S: R.02 [.51]]
MACHI	NED SURF	ACES: 200	5.1/
		INCH ∨	mm 🗸
mm SH	OWN IN [E	BRACKETS]	

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	DRAWN BY DRS DATE 09-27-19		REGAL ™ Regal Beloit America, Inc.			
APPROVED BY GK			CONN DIAGRAM-EXTERNAL			
DATE 09-30-1996		3Ø SINDLE VOLTAGE				
,	REFERENCE		MATERIAL		PROCESS/FINISH	
	THIRD ANGLE PROJECTION	$\bigoplus \bigcup$	SIZE	DRAWING NUMBER EE7300U		SHEET 1 OF 1