

PRODUCT INFORMATION PACKET



Model No: 405TTGS4087

Catalog No: U088

Explosion Proof Motor, 75 & 60 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM,
405T Frame, EPFC

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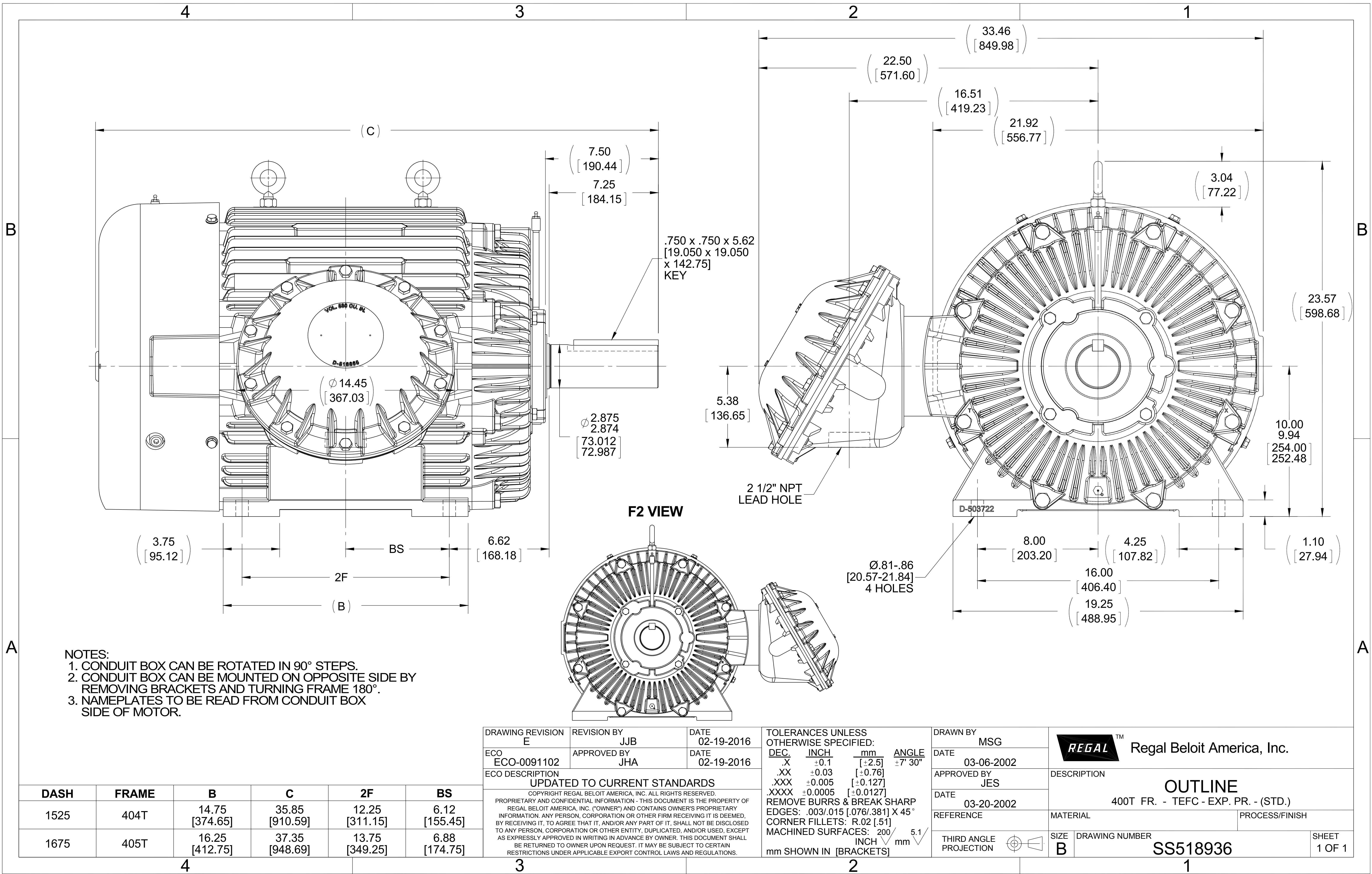


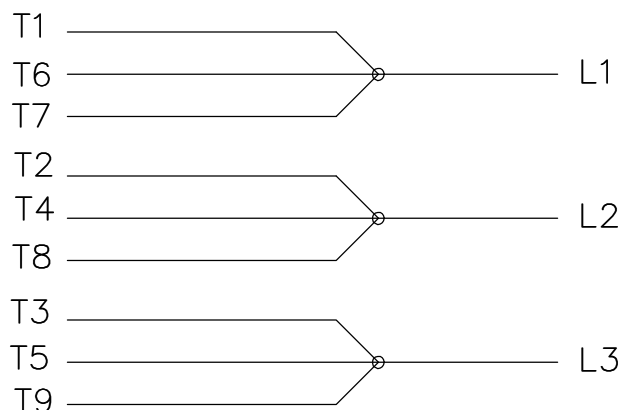
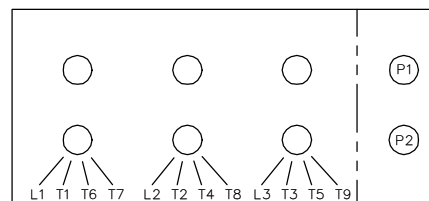
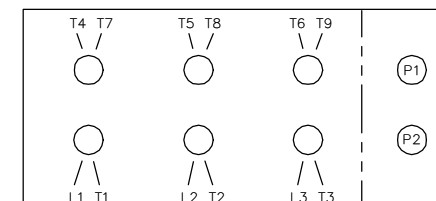
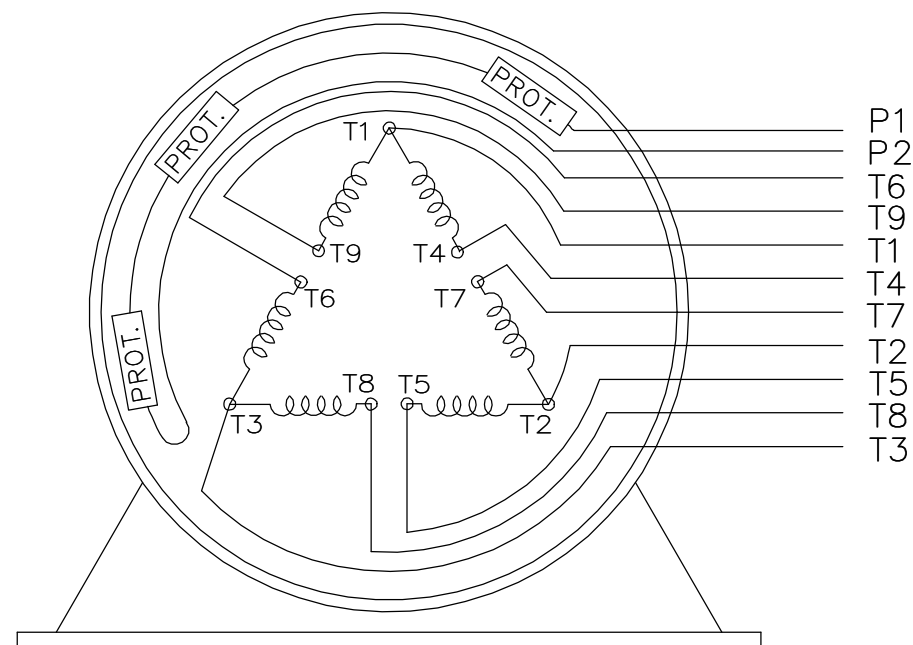
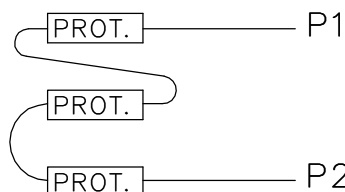
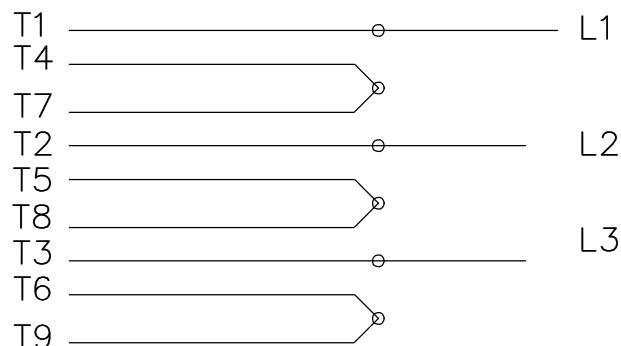
Nameplate Specifications

Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	1185 & 980 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	93.6 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	185/92.5 & 180/90 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6313
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.1 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	37.75 in
Frame Length	16.75 in	Shaft Diameter	2.875 in
Shaft Extension	7.5 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308AD	Outline Drawing	B-SS518936-1675



LOW VOLTAGELOW VOLTAGEHIGH VOLTAGEHIGH VOLTAGEVIEW OF TERMINAL END

WHEN MORE THAN ONE PROT. IS USED; PROT. ARE CONNECTED IN SERIES

DRAWING REVISION L	REVISION BY JP	REV DATE/© DATE 06-21-2019	TOLERANCES (EXCEPT AS NOTED):				DRAWN BY MJD	 Regal Beloit America, Inc.	DESCRIPTION CONN DIAGRAM-EXTERNAL	
ECO ECO-0168744	APPROVED BY MH	DATE 06-21-2019	DEC. .X .XX .XXX .XXXX	INCH ±0.1 ±0.02 ±0.005 ±0.0005	mm [±3] [±0.5] [±0.13] [±0.013]	ANGLE ±7° 30"	DATE 12-19-1997			
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ 5.1				APPROVED BY GK	MATERIAL		PROCESS/FINISH
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mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY			SIZE A				REFERENCE	PROCESS/FINISH		