PRODUCT INFORMATION PACKET

Model No: 286TTDR16037 Catalog No: E1009 XRI® General Purpose General Purpose Motor, 30 & 30 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1800 & 1500 RPM, 286T Frame, DP



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Motors

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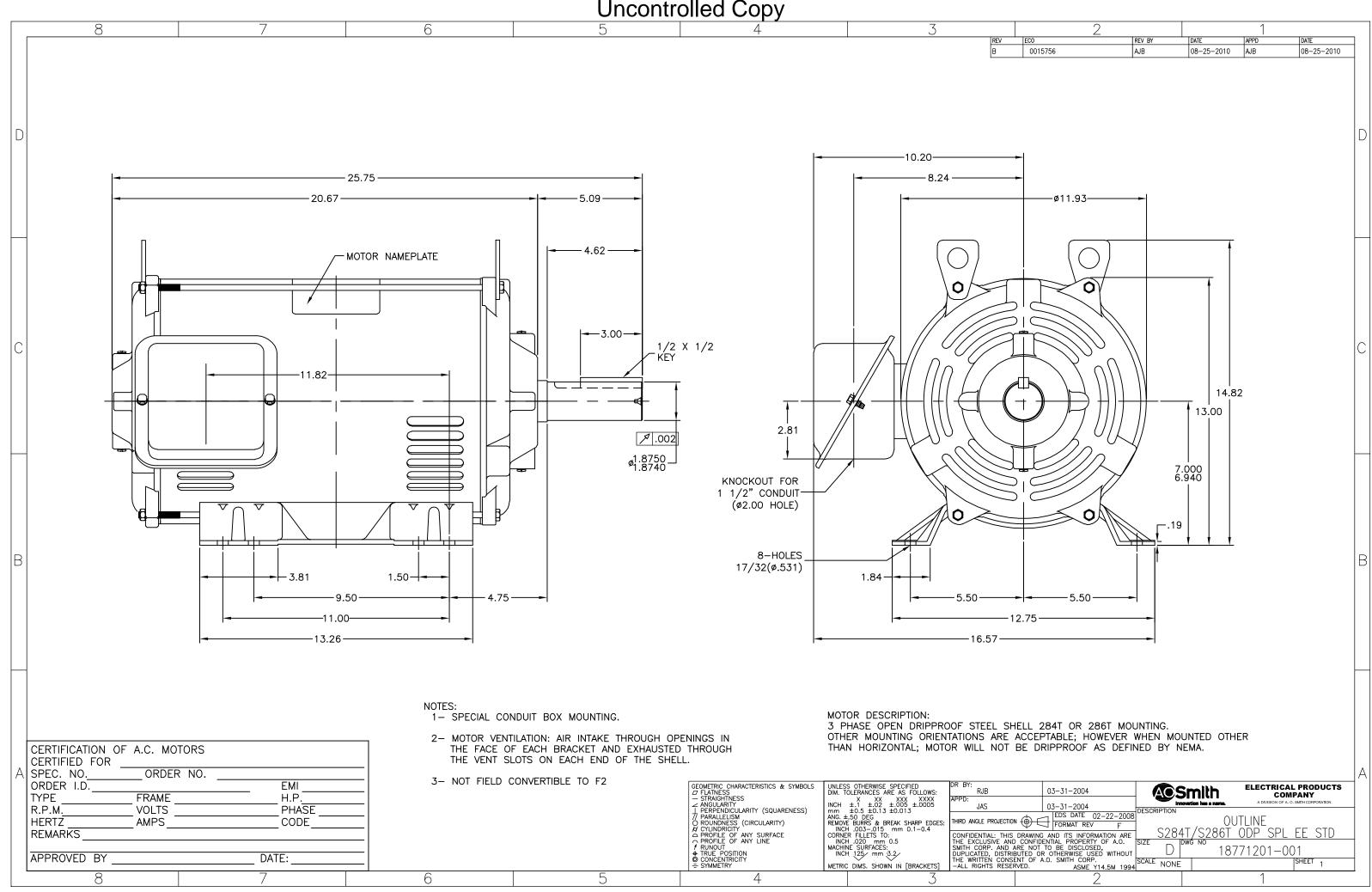
Nameplate Specifications

Phase	3	Output HP	30 & 30 Hp
Output KW	22.4 & 22.4 kW	Voltage	230/460 & 200/400 V
Speed	1770 & 1450 rpm	Service Factor	1.15 & 1.15
Frame	286T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	94.1 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	73/36.5 & 85/42.5 A	Power Factor	82.4
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6207
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

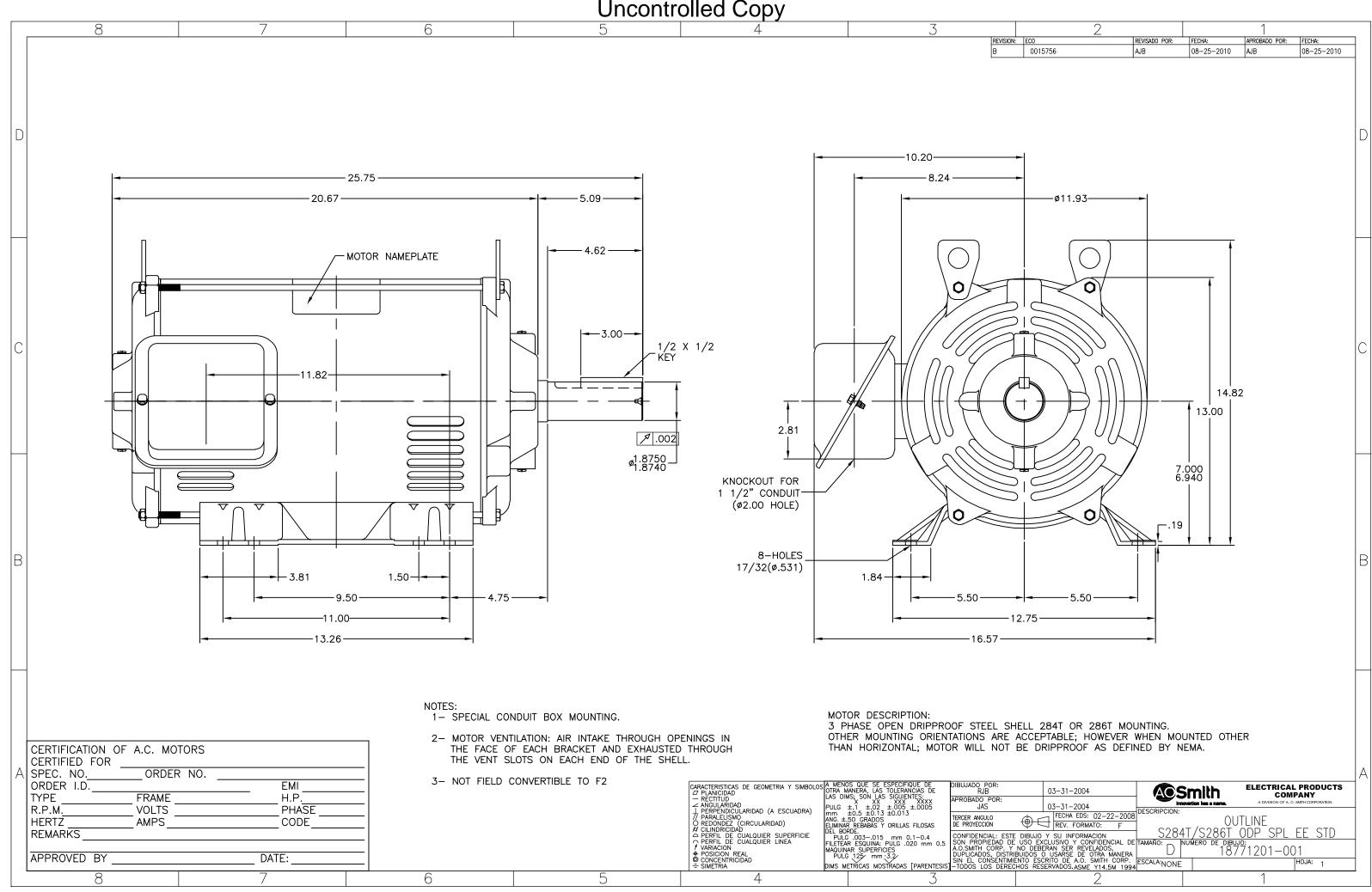
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.211 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	25.75 in
Shaft Diameter	1.875 in	Shaft Extension	4.62 in
Assembly/Box Mounting	F1 ONLY		
Connection Drawing	80022801	Outline Drawing	18771201-001-S01

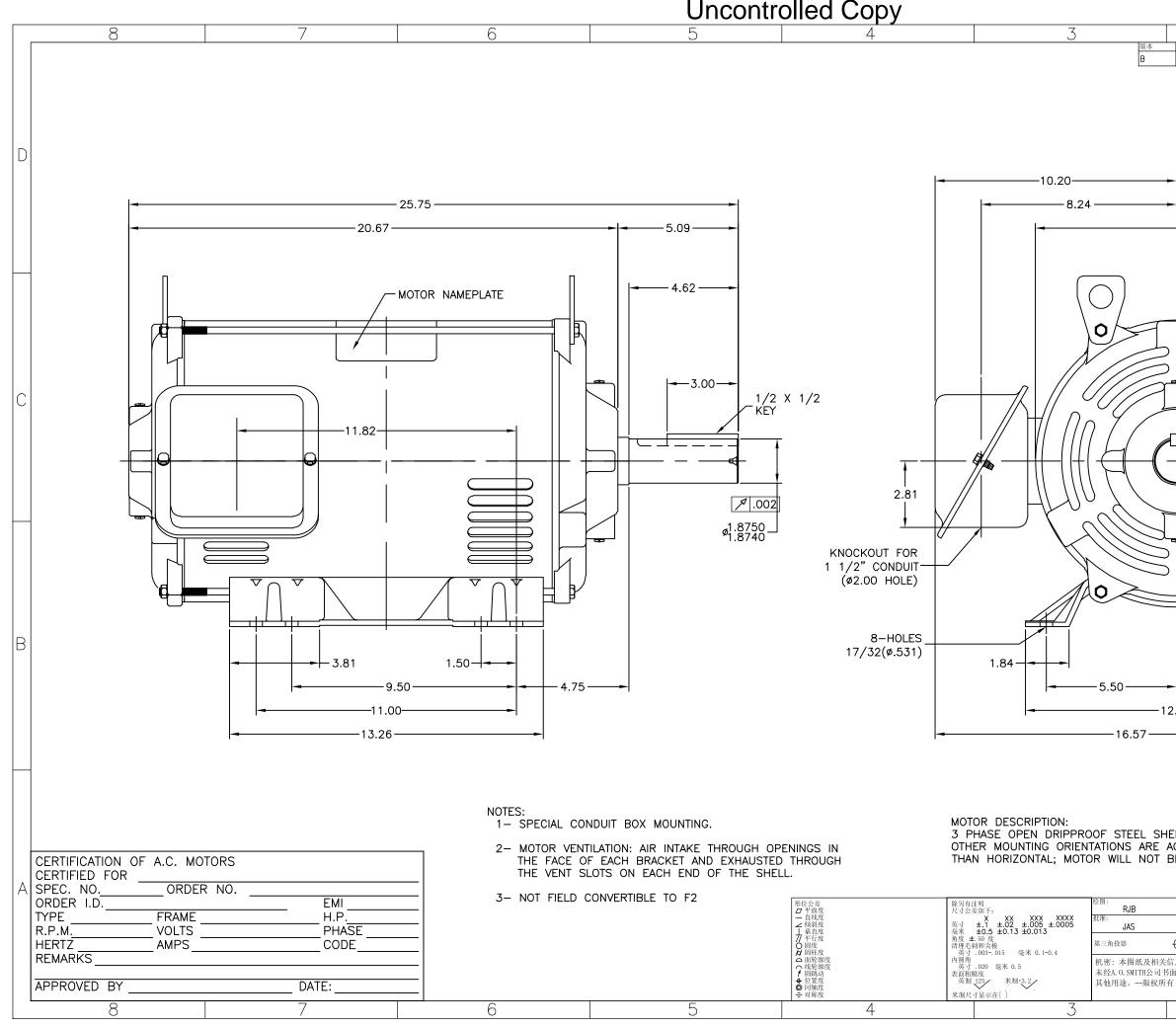
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CERTIFICATION DATA SHEET

Model#:	286TTDR16037 AA	WINDING#:	BJR4T07 NONE 3
CONN. DIAGRAM:	80022801	ASSEMBLY:	F1 ONLY
OUTLINE:	18771201-001		

TYPICAL MOTOR PERFORMANCE DATA

HP	ĸw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
30&30	22.4&22.4	1800	1770&1450	286T	DP	G	В

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#200/	73/36.5&85/42	ACROSS THE	CONTINUOU	F4	1.15/1.15	40	3300
		400	.5	LINE	S				

FULL LOAD EFF: 94.1&91.7	3/4 LOAD EFF: 94.7	1/2 LOAD EFF: 94	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 82.4&83	3/4 LOAD PF: 80.7	1/2 LOAD PF: 73.2	90.2	SQ CAGE IND RUN	24.4 / 12.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
89.6 LB-FT	432 / 216	149 LB-FT 166	238 LB-FT 264	50

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
69 dBA	79 dBA	0 LB-FT^2	0 LB-FT^2	20 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6311	6207						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS PROTECTORS WDG RTDs BRG RTD		BRG RTDs				
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further

information

	INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE ENCODER: NONE			
	NONE	NONE		
	NONE NONE PPR			
	BRAKE:	NONE	NONE	
	NONE	P/N I	NONE	
	NONE	NON	E	
	NONE FT-LB		NONE V	NONE Hz

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