



Model Number

SD3-286T-4-BR-E-30-460-60

MFG PN

T286T30U4B

List Price

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All data shown at HIGH voltage setting

Format STD 3 Phase

Electrical Data

General Data

Rated Motor Output Power	30 HP	Frame Size	286
Rated Motor Speed	1770 r/min	Enclosure	TEFC
Rated Motor Voltage (3 Phase)	460-60 Volts - HZ	Approximate Weight	396
Rated Motor Current	35.3 Amps	NEMA Design	B
Service Factor	1.25	IP Rating	56
KVA Code	G	Insulation Class	F
Nominal Efficiency	93.6 %	Tropicalization	YES
Nominal Power Factor	0.85 cosθ	Duty	Cont.
Full Load Torque Ft-Lb	119.17 Ft-Lb	Cable Entry	1.25
Temp Rise @ Full Load °C	62	Feet Removable	YES
Efficiency Level	IE3 - NEMA Premium	Double Drilled	NO

Load Data	RPM	Trq %FL	Current Amps	Rated Ambient (°C)	40
Locked Rotor	-	182	203.6	Rated Altitude (M)	1000
Breakdown	-	226	-	Coating	7024 - Graphite Grey
Pull Up	-	143	-	Shaft Grounding	YES
125% of FL	1754	-	43.96	Brake Voltage (DC)	--
75% of FL	1775	-	26.73	Brake Torque (N-M)	--
50% of FL	1784	-	19.69	Mechanical Data	
No Load	1798	-	11.33	Bearing DE Side	6311 C3

Hazardous Location	CL1 Div2 Grp A,B,C,D	Moment of Inertia	-- kg.m2
		Noise Level	Per NEMA dB (A)
		Loaded Torque Curves	
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CT VFD Range

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P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor

Certifications	UL	CSA	DOE
File Numbers	323353	224693	096A

Wiring Diagram 3PH Single Voltage SD3



