

Motor type:	SD100 IEEE	FS: 326T - 6p - 30 hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Electrical data

Class I Division 2 Gr. A, B, C or D, T3

U [V]	Δ / Y	f [Hz]	P [HP]	P [kW]	n [rpm]	I Load [Amps]				LRC	Nom. Eff Load [%]			Pwr. Factor Load [%]			Torque	T _A /T _N	T _P /T _N
						4/4	3/4	1/2	0		4/4	3/4	2/4	4/4	3/4	2/4	[lb-ft]	LRT [%]	BDT [%]
460	Δ	60	30.00	22.00	1,185	39.00	30.90	24.70	15.00	218.0	93.0	93.5	93.1	77.0	73.0	61.0	133.0	170	220

Frame Type: 326T	Type of constr.: (A) Foot mounted - End shield		Motor Prot.:(A) Without Protection	NEMA Des.: B	S.F.: 1.15
Mtr. WT:654 lbs	Insulation Class.:Standard Class F Insulation	Temp. Rise Cl.: B	Amb. Temp.: + 40 to -20 °C @1000 m	kVA: G	IP 55

Mechanical data

Sound level (SPL / SWL) at 60 Hz								63.0 dB(A) / 73.0 dB(A)	
Octave Band Center Frequencies Hertz									
	250	500	1000	2000	4000	8000	Hz		
SPL@3	51.0	57.0	58.0	56.0	51.0	50.0	dB(A)		
Moment of inertia								10.2 Lb-ft²	
Ext Load Inertia Capability:								384.0 Lb ft²	
Bearings									
Bearing DE NDE			6312 Z C3 S0			6312 Z C3 S0			
Bearing_Type			Ball Bearing			Ball Bearing			
AFBMA:			60BC03JP30			60BC03JP30			
Grease									
Capacity				5.5 oz		5.5 oz			
Grease Type:				Exxon Mobile EM					
Thickener								Polyurea	
Safe Stall Time Hot								26 s	
Safe Stall Time Cold								52 s	
Frame material								cast iron	
Color, paint shade								Standard Paint - RAL7030	
Coating (paint finish)								Standard Alkyed + Epoxy (C2)	
Ventilation Type									
Method of cooling								TEFC	
Direction of rotation								Bidirectional	
Fan Material								Polypropylen ESD	
VFD								CT: 4:1 VT: 20:1	
Space heaters								without	
Brake:								without	

Terminal box

Lead Wire Connection		3 LEAD - DELTA			Terminal box position	(3) F-1, Standard Floor Mount, T. Box LHS
Voltage	L1	L2	L3	Connected together	Material of terminal box	Cast Iron
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----	T1	T2	T3	----		

Notes:

I_A/I_N = locked rotor current / current nominal
 M_A/M_N = locked rotor torque / torque nominal
 M_K/M_N = break down torque / nominal torque

2) at rated power / at full load

responsible dep. DI MC LVM	technical reference	created by DT Configurator	approved by	<i>Technical data are subject to change! There may be discrepancies between subfigures and data tables entries.</i>
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	document type	document status		customer	
	datasheet	released			
	title	document number			
	1LE2421-3AC21-2AA3				
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		01	21.01.2023	en	1/1