



Customer information packet

VXL050362A

0.33HP, 1150RPM, 1PH, 60HZ, 56C, 3528L, XPFC, F

Class - CLI GP D; CLII GP F,G

Division - Division I

Specifications

Enclosure	XPFC
Frame	56C
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP D; CLII GP F,G
Haz Area Division	Division I
Motor Letter Type	Cap Start, Induction Run
Output @ Frequency	.330 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	CSA UL
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	3.600 A @ 230.0 V 7.200 A @ 115.0 V
Design Code	N
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	59.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T4
Heater Indicator	No Heater
High Voltage Full Load Amps	3.6 a
Insulation Class	B

Part detail

Revision	C
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	35WGA0041
Layout	35LYE371
Eff. date	05-01-2024
CD Diagram	CD0008
Poles	06
Leads	6#18,1#16 #4TH
Proprietary	False
Created date	03-24-2021

Inverter Code	Not Inverter
IP Rating	NONE
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3528L
Mounting Arrangement	F1
Number of Poles	6
Overall Length	15.15 IN
Power Factor	50
Product Family	General Purpose
Pulley Face Code	C-Face
Rodent Screen	None
Service Factor	1.00
Shaft Diameter	0.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Speed	1150 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 1 Location	EP
Winding Thermal 2	None

Nameplate

NP0016XPSL									
NO.		CC							
SER. #									
SPEC	35-0000-1091								
CAT.NO.	VXL050362A								
H.P.	.33		T. CODE	T4					
VOLTS	115/230								
AMPS	7.2/3.6								
R.P.M.	1150 35WGA0041								
HZ	60		PH	1		CLASS	B		
SER.F.	1.00		DES	N		CODE	K		
RATING	40C AMB-CONT								
FRAME	56C		NEMA NOM. EFF					59	
		PF	50						
BLANK	NEMA MG-1 PART 5, IP54								

AC Induction Motor Performance Data

Record # 88199

Typical performance - not guaranteed values

Winding: 35WG0528			Type: 3528L		Enclosure: XPFC		
Nameplate Data			115 V, 60 Hz: Low Voltage Connection				
Rated Output (HP)		0.33	Full Load Torque		1.48 LB-FT		
Volts		115/230	Start Configuration		Unknown		
Full Load Amps		7.2/3.6	Breakdown Torque		5.12 LB-FT		
R.P.M.		1150	Pull-up Torque		6.32 LB-FT		
Hz	60	Phase	1	Locked-rotor Torque		6.32 LB-FT	
NEMA Design Code		N	KVA Code	P	Starting Current		28.8 A
Service Factor (S.F.)			1	No-load Current		5.98 A	
NEMA Nom. Eff.		59	Power Factor	50	Line-line Res. @ 25°C		1.19 Ω A Ph 3.29 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		48°C	
				Locked-rotor Power Factor		93.2	
				Rotor inertia		0.166 lb-ft²	

Load Characteristics 115 V, 60 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	27	36	44	51	58	63
Efficiency	32.7	48.4	57.3	62.5	65.6	67.3
Speed	1192	1186	1180	1173	1166	1158
Line amperes	6.04	6.17	6.39	6.69	7.08	7.56

ABB Motors and Mechanical Inc.

WINDING # 35WG0528

Typical performance - not guaranteed values.

0.33 HP 1 PH 60 HZ 1150 RPM 115 V 3528L

TORQUES (LB-FT): PO=5.12 PU=6.32 LR=6.32 LRA=28.8





