PRODUCT INFORMATION PACKET

Model No: LM03425 Catalog No: LM03425

Encoder Motors, TEBC - Axial, 75 HP, 3 Ph, 60 Hz, 230/460 V, 1785 RPM, 365T Frame



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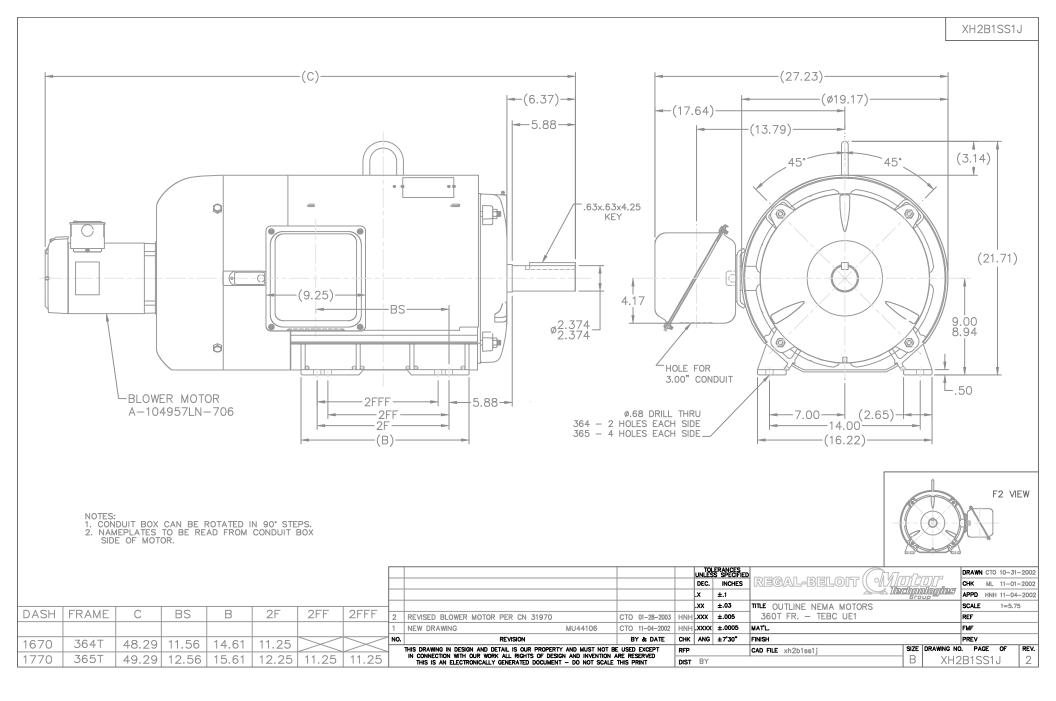
Nameplate Specifications

75 Hp	Output KW	56.0 kW
60 Hz	Voltage	230/460 V
180.0/90.0 A	Speed	1785 rpm
1	Phase	3
94.1 %	Power Factor	83
Continuous	Insulation Class	F
INV	KVA Code	н
365T	Enclosure	Totally Enclosed Blower cooled - Axial
No Protection	Ambient Temperature	40 °C
313	Opp Drive End Bearing Size	311
No	CSA	Υ
Υ	IP Code	43
1		
	60 Hz 180.0/90.0 A 1 94.1 % Continuous INV 365T No Protection 313 No	60 Hz Voltage 180.0/90.0 A Speed 1 Phase 94.1 % Power Factor Continuous Insulation Class INV KVA Code 365T Enclosure No Protection Ambient Temperature 313 Opp Drive End Bearing Size No CSA

Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.088 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	49.29 in
Frame Length	17.70 in	Shaft Diameter	2.375 in
Shaft Extension	5.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	3A217-15	Outline Drawing	XH2B1SS1J-1770

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CERTIFICATION DATA SHEET

2100 WASHINGTON ST. GRAFTON, WI PH. 262-277-8810

CONN. DIAGRAM: 3A217-15

 OUTLINE:
 XH2B1SS1J-1770
 CATALOG: LM03425

 WINDING #:
 C3654015
 1
 MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
75	56.0	1800	1785	365T	TEBC-AXIAL	Н	INV

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	амв°С
3	60	230/460	180/90	INVERTER ONLY	CONTINUOUS	F4	1.0	40

FULL LOAD EFF:	94.1	3/4 LOAD EFF:	94.1	1/2 LOAD EFF:	93	GTD, EFF	ELEC. TYPE
FULL LOAD PF:	83	3/4 LOAD PF:	78	1/2 LOAD PF:	67.5	93	SQ CAGE INV DUTY

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TO		B.D. TORG	F.L. RISE°C		
221 LB-FT	1290 / 645	300 LB-F 1	136 %	650	LB-FT	294 %	65

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

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	ENCODER	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY - LINCOLN

BEAR	BEARINGS GREASE		SHAFT TYPE	CDECTAL DE	SDECTAL ODE	SHAFT	FRAME	
DE	ODE	GREASE	SHAFI ITPE	SPECIAL DE SPECIAL ODE		MATERIAL	MATERIAL	
BALL	BALL	DOLVDEV EM	_	NONE	NONE	1045 HOT DOLLED (C 204)	DOLLED STEEL	
313	311	POLYREX EM	l	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL	

	THERMICTORS	CONTROL	CDACE	IEATEDS.			
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	THERMISTORS	CONTROL	SPACE HEATERS	
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE	VOLTS

INVERTER TORQUE: CONSTANT 4:1 INV. HP SPEED RANGE: 1.5 X BASE SPEED Ν **ENCODER:** REGAL SUPPLIED - REGAL MOUNT 0 HS35R DYNAPAR PPR PIGTAIL 18 INCH CABLE 1024 Т BRAKE: NONE NONE P/N NONE NONE Ε NONE NONE S NONE FT-LB NONE V NONE Hz

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