



Customer information packet

SUM710006-4

100HP, 1165RPM, 3PH, 60HZ, 360TY, TENV, FOOTL

Class - None

Division - Not Applicable

Specifications

Enclosure	XPNV
Frame	360TY
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Three Phase
Output @ Frequency	100.000 @ 60 HZ
Phase	3
Voltage @ Frequency	460 V @ 60 HZ
Agency Approvals	CCSA US
	CSA
	CULUS
	UL
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Cable Length	25 FOOT
Current @ Voltage	122 A @ 460 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	15 MIN
Haz Area Temp Code	T3C
Heater Indicator	No Heater
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Motor Standards	NEMA
Motor Type	M
Mounting Arrangement	V1
Number of Poles	6
Overall Length	47.10 IN

Part detail

Revision	C
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	W00971A A 001
Layout	066930-060
Eff. date	12-10-2024
CD Diagram	416820-036
Poles	06
Leads	
Proprietary	False
Created date	04-09-2015

Product Family	Other
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.499 IN
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None

Nameplate

000613007RC		
CLASS I GROUP	C D X	NO.
CLASS II GROUP	X X X	
OPERATING TEMP CODE	T3C	

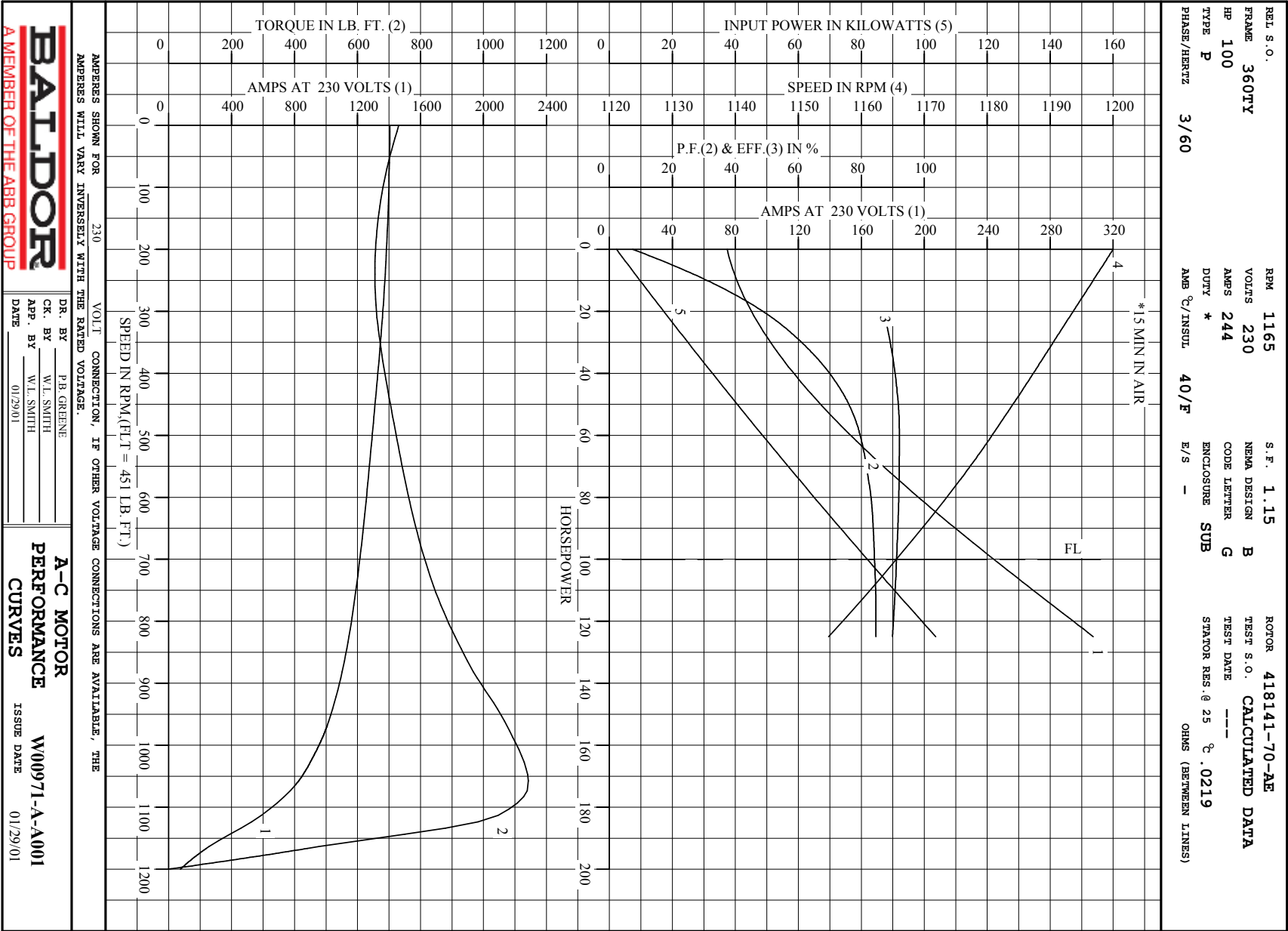
000692000MB	
SUITABLE FOR OPERATION ON PWM	
INVERTER EQUIPPED WITH IGBT	
DEVICES AND CAPABLE OF	
CARRIER	
FREQUENCY OF 2 KHZ MINIMUM	

000613007MS

CAT.NO.	SUM710006-4	SPEC NO.	P36G2702						
SER.NO.		FRAME SIZE	X0360TY						
	HP	RPM	VOLTS	AMPS	HZ	S.F.			
	100	1165	460	122.	6-60	1.00			
	100	1165	460	122.	60	1.15			
CONSTANT HP RPM		@	HZ	CODE	G				
TYPE	P	INSUL.CLASS	F	TORQUE	10:1_VT	DESIGN	B		
D.E. BRG.	90BJ33J30X	ENCL	TENV	DUTY	15MIN	PH	3		
O.D.E. BRG.	50BC03JG30X	MOTOR WEIGHT		AMB	40				
	*15 MIN IN AIR ;SUB. IN								
	SEWAGE / WATER ONLY								
	P36G2702G								

000613007MS

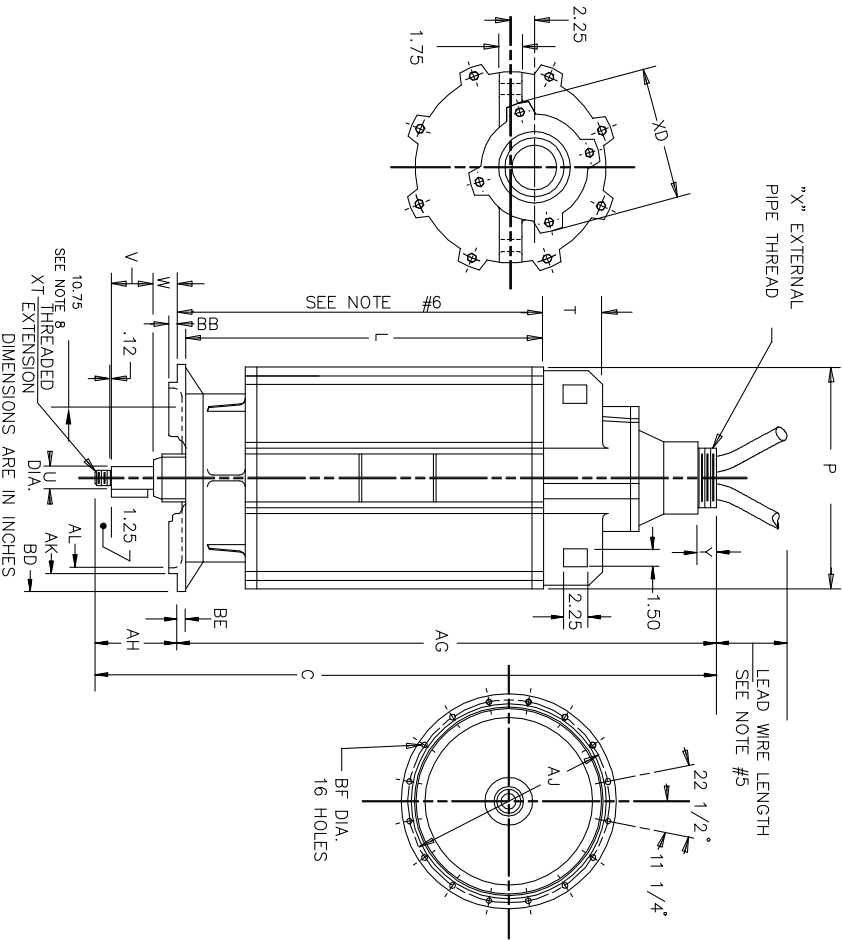
CAT.NO.	SUM710006-4	SPEC NO.	P36G2702						
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O.D.E. BRG.	50BC03JG30X	MOTOR WEIGHT		AMB	40				
	*15 MIN IN AIR ;SUB. IN								
	SEWAGE / WATER ONLY								
	P36G2702G								



Printed on 1/14/14 9:37 @ rgs

066930-060

DUTY MASTER ALTERNATING CURRENT MOTORS
SQUIREL-CAGE INDUCTION
ENCLOSURE: TOTALLY ENCLOSED SUBMERSIBLE
FRAME 360TY THRU L360TY



1.)

FRAME	C	L	P	T	U (3)	V	W	AG	AH	AJ	AK (4)	AL
360TY	47.1	31.25	18.38	4.25	2.4997	3.19	2.12	43.25	6.56	18.75	17.500	15.25
L360TY	49.1	33.25	18.38	4.25	2.4997	3.19	2.12	45.25	6.56	18.75	17.500	15.25

1.)

FRAME	BB	BD (2)	BE	BF	XT	LEAD CONNECTION				B.E. KEY
						X	Y	XD	SQ.	LGTH.
360TY	.25	20.25	1.12	.69	1-1/2-12.3 - 8	1.25	10.88	.50	3.00	
L360TY	.25	20.25	1.12	.69	1-1/2-12.3 - 8	1.25	10.88	.50	3.00	

- 1.) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
2.) "BP" VARIES +.010.
3.) "U" VARIES +.0000, -.0006.
4.) "AK" VARIES +.000, -.002
5.) LEAD WIRE LENGTH AS SPECIFIED ON SALES ORDER.
6.) MINIMUM SUBMERGED DEPTH
- FACE RUNOUT AND ECCENTRICITY .008 MAX. T.I.R.
PROTECTIVE CONDUIT FURNISHED BY CUSTOMER.

090-066990

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: UPDATE NOTES, LOAD TO BUS	VERSION: 00	TDR: 000000921348
REV. LTR: -	REVISD: 09:19:59 04/20/2015	BY: RGGWT
FILE: \RGG\00024\962		
MTL: -		

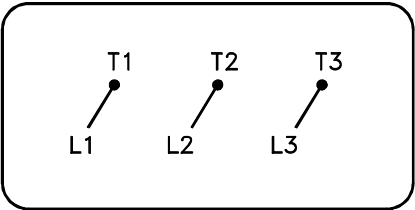
BALDOR

DIM SHT 360TY/L360TY SUBMERSIBLE

SH 1 of 1

416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010
MTL: -		BY: RAGRA

BALDOR

CONN DIAG - STANDARD 3 LEAD
SH 1 of 1