BALDOR • RELIANCE

Product Information Packet

CCPX18326T

3HP,3470//2890RPM,3PH,60HZ,182TC,XPFC,F1

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Part Detail

Revision:	B	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Elec. Spec:**	06WGY471	**CD Diagram:**	CD0005	**Mfg Plant:**	
Mech. Spec:		**Layout:**	06LYK422	**Poles:**	02	**Created Date:**	04-17-2019
Base:		**Eff. Date:**	10-01-2020	**Leads:**	9#16		

Specs

Catalog Number:	CCPX18326T	**Electrically Isolated Bearing:**	Not Electrically Isolated
Enclosure:	XPFC	**Enclosure Modification:**	Severe Duty Features
Frame:	182TC	**Feedback Device:**	NO FEEDBACK
Frame Material:	Iron	**Heater Indicator:**	No Heater
Output @ Frequency:	2.000 HP @ 50 HZ	**Insulation Class:**	F
	3.000 HP @ 60 HZ	**Inverter Code:**	Not Inverter
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	**IP Rating:**	IP55
Voltage @ Frequency:	230.0 V @ 60 HZ	**KVA Code:**	K
	380.0 V @ 50 HZ	**Lifting Lugs:**	Standard Lifting Lugs
	460.0 V @ 60 HZ	**Locked Bearing Indicator:**	Locked Bearing
	190.0 V @ 50 HZ	**Motor Lead Termination:**	Flying Leads
XP Class and Group:	CLI GP C,D; CLII GP E,F,G	**Motor Type:**	0618M
XP Division:	Division I	**Mounting Arrangement:**	F1
Agency Approvals:	UR	**Power Factor:**	89
	CSA EEV	**Product Family:**	General Purpose
	CSA	**Pulley Face Code:**	C-Face
Auxillary Box:	No Auxillary Box	**Rodent Screen:**	None
Auxillary Box Lead Termination:	None	**RoHS Status:**	ROHS NON-COMPLIANT

Base Indicator:	Rigid	**Shaft Ground Indicator:**	No Shaft Grounding
Bearing Grease Type:	Polyrex EM (-20F +300F)	**Shaft Rotation:**	Reversible
Blower:	None	**Speed Code:**	Single Speed
Constant Torque Speed Range:	6	**Motor Standards:**	NEMA
Current @ Voltage:	7.600 A @ 230.0 V	**Starting Method:**	Direct on line
	6.400 A @ 190.0 V	**Thermal Device - Bearing:**	None
	3.800 A @ 460.0 V	**Thermal Device - Winding:**	Normally Closed Thermostat
	3.200 A @ 380.0 V	**Vibration Sensor Indicator:**	No Vibration Sensor
Design Code:	B	**Winding Thermal 1:**	None
Drip Cover:	No Drip Cover	**Winding Thermal 2:**	None
Duty Rating:	CONT	**XP Temp Code:**	T3C

Nameplate NP2033XPSLEV

NO.					CC	010A			
S/N					TEMP CODE	T3C			
SPEC.	06-0000-0105				INV.TYPE	PWM			
CAT.NO.	CCPX18326T				C HP FR	60	C HP TO	90	
HP	3//2				CT HZ FROM	6	CT HZ TO	60	
VOLTS	230/460//190/380				VT HZ FROM	6	VT HZ TO	60	
AMPS	7.6/3.8//6.4/3.2			MAG CUR					
RPM	3470//2890			MX RPM					
HZ	60//50	PH	3	CL	B	NOM.EFF.	86.5		
SER.F.	1.00	DES	B	SL HZ		WK2	0.0795		
FRAME	182TC	RATING	40C AMB-CONT						
BLANK	1.15 SF SINEWAVE								
	55C AMB @ 1.0 SF			NEMA MG-1 PT 5,IP55					

Parts List

Part Number	Description	Quantity
SA368579	SA 06-0000-0105	1.000 EA
RA358099	RA 06-0000-0105	1.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0145B01	CONNECTION LABEL	1.000 EA
NP2033XPSLEV	SS XP INV UL CSA-EEV CC CL-I GP-C&D	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	4.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (2100/bx) 4/22	1.000 EA
LB1081F	ALUM XP CAUTION LABEL (FS PLANT ONLY-	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
06FH1003A05	FAN COVER, CAST X-PROOF W/DRAIN SLOT	1.000 EA
51XN1032A14	10-32 X 0.875 HX WS SL SR	4.000 EA
34FN3002B02	EXTERNAL FAN, PLASTIC, .905/.907 HUB W/	1.000 EA
51XB0818A12	8-18X3/4 HXWSSLD SERTYB	1.000 EA
MJ1000A02	GREASE, MOBIL POLYREX EM - 124047	0.050 LB
06EP1709A10	FREP X06M - XPFC FOR GROUP C&E W/GREASER	1.000 EA
10XN3118K20	5/16-18 X 1 1/4 GRADE 5 STEEL ZC PLATED	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
HA2009A46	SLINGER FOR GROUP E MTRS - 205 BRG.	1.000 EA
80XN0632A10	SET SCREW,#6-32 X .62 LG.HEX SOC. HD.	2.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA

Parts List (continued)

Part Number	Description	Quantity
HW4506A02	BREATHER/DRAIN-EXP PROOF-.125-27 NPTF AI	1.000 EA
HW3022E05	.125 DIA X .500 ROLLED SPRING PIN	1.000 EA
06EP1707A20	PUEP XP 182-4TC 206 BRG 306M-GROUP C&E	1.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
10XN3118K20	5/16-18 X 1 1/4 GRADE 5 STEEL ZC PLATED	4.000 EA
HA2009A44	SLINGER FOR GROUP E MTRS - 06 BRG.	1.000 EA
80XN0632J06	SET SCREW, 6-32 X 3/8", HEX SOCKET, AS	2.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
HW4001A01	1/4 HX SOC PIPE PLG (F/S) ALLOY STEEL W/	2.000 EA
60XN1032A07	10-32 X .4375 TRUSS HEAD, TORX SERRATED	2.000 EA
HW4506A02	BREATHER/DRAIN-EXP PROOF-.125-27 NPTF AI	1.000 EA
HW3022E05	.125 DIA X .500 ROLLED SPRING PIN	1.000 EA
07CB1000A02	CONDUIT BOX, MODEL 306,EXP. PROOF	1.000 EA
10XN2520A14	1/4 20X7/8 HX HD CAP	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
WD1000B17	T&B CX35TN OR L35P TERMINAL LUG	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
07CB1502A01	CONDUIT BOX LID MACH (DUCTILE IRON)	1.000 EA
10XN2520K16	1/4-20 X 1" HX HD SCRW GRADE 5, ZINC P	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
MG1500Y02	WILKOPON PRIMER YELLOW	0.022 GA
MG1025G29	WILKOFAST, 789.229, DARK CHARCOAL GRAY	0.022 GA
G0PA1000	PKG GRP, PRINT PK1026A06	1.000 EA
HW2501E16	KEY, 1/4 SQ X 1.750	1.000 EA

HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA

AC Induction Motor Performance Data
Record # 69211
Typical performance - not guaranteed values

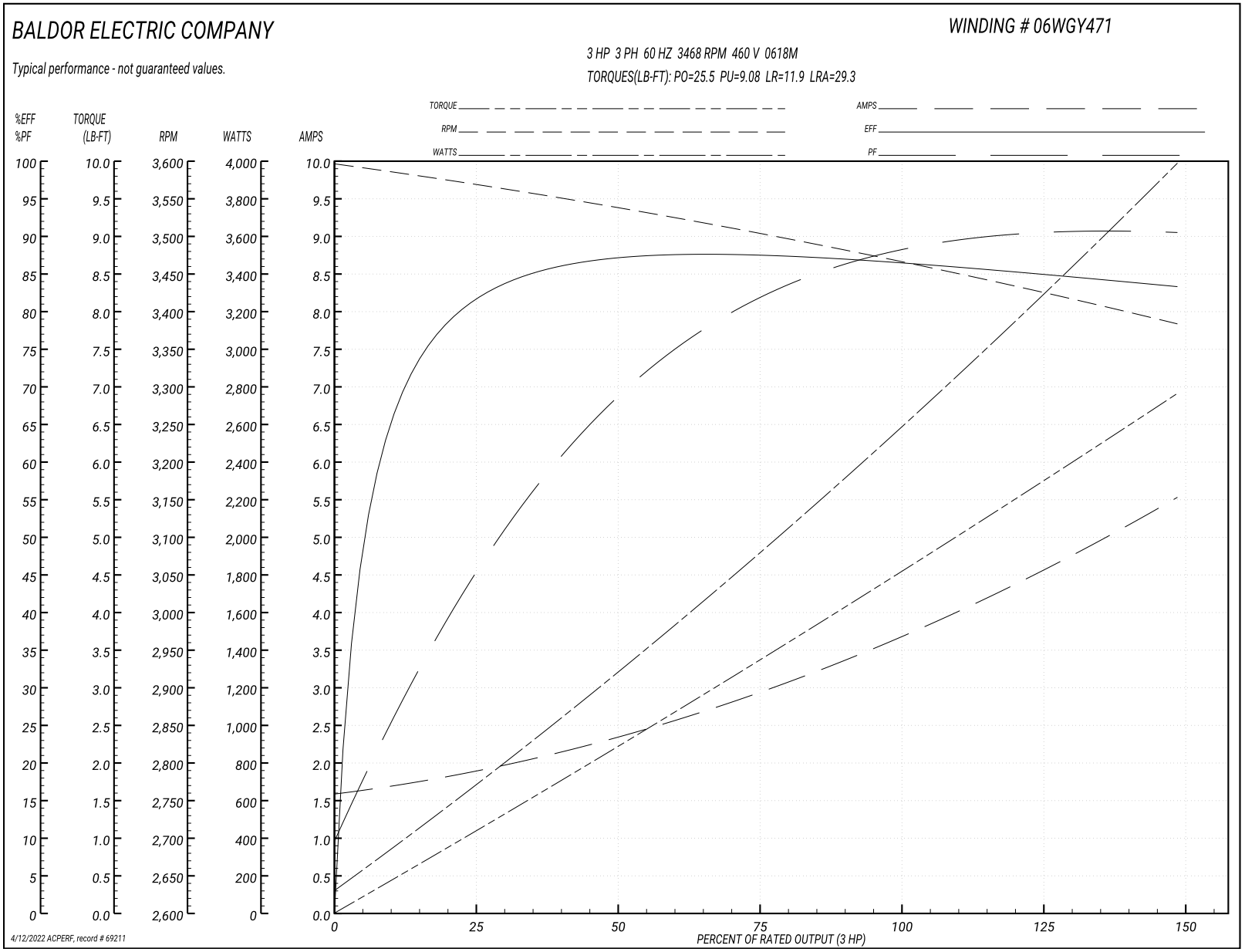
Winding: 06WGY471-R002	**Type:** 0618M	**Enclosure:** TEFC

Nameplate Data				**460 V, 60 Hz: High Voltage Connection**	
Rated Output (HP)			3//2	**Full Load Torque**	4.51 LB-FT
Volts			230/460//190/380	**Start Configuration**	direct on line
Full Load Amps			7.6/3.8//6.4/3.2	**Breakdown Torque**	25.5 LB-FT
R.P.M.			3470//2890	**Pull-up Torque**	9.08 LB-FT
Hz	60//50	**Phase**	3	**Locked-rotor Torque**	11.9 LB-FT
NEMA Design Code	B	**KVA Code**	K	**Starting Current**	29.3 A
Service Factor (S.F.)			1	**No-load Current**	1.64 A
NEMA Nom. Eff.	86.5	**Power Factor**	89	**Line-line Res. @ 25ºC**	6.24 Ω
Rating - Duty			40C AMB-CONT	**Temp. Rise @ Rated Load**	45°C
S.F. Amps				**Temp. Rise @ S.F. Load**	56°C
				Locked-rotor Power Factor	59.2
				Rotor inertia	0.0795 LB-FT2

Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**
Power Factor	47	70	81	87	90	91
Efficiency	81.1	86.6	87.4	86.6	85.2	83.1
Speed	3568	3538	3505	3468	3430	3382
Line amperes	1.82	2.29	2.94	3.71	4.53	5.5

Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values



AC Induction Motor Performance Data
Record # 69212
Typical performance - not guaranteed values

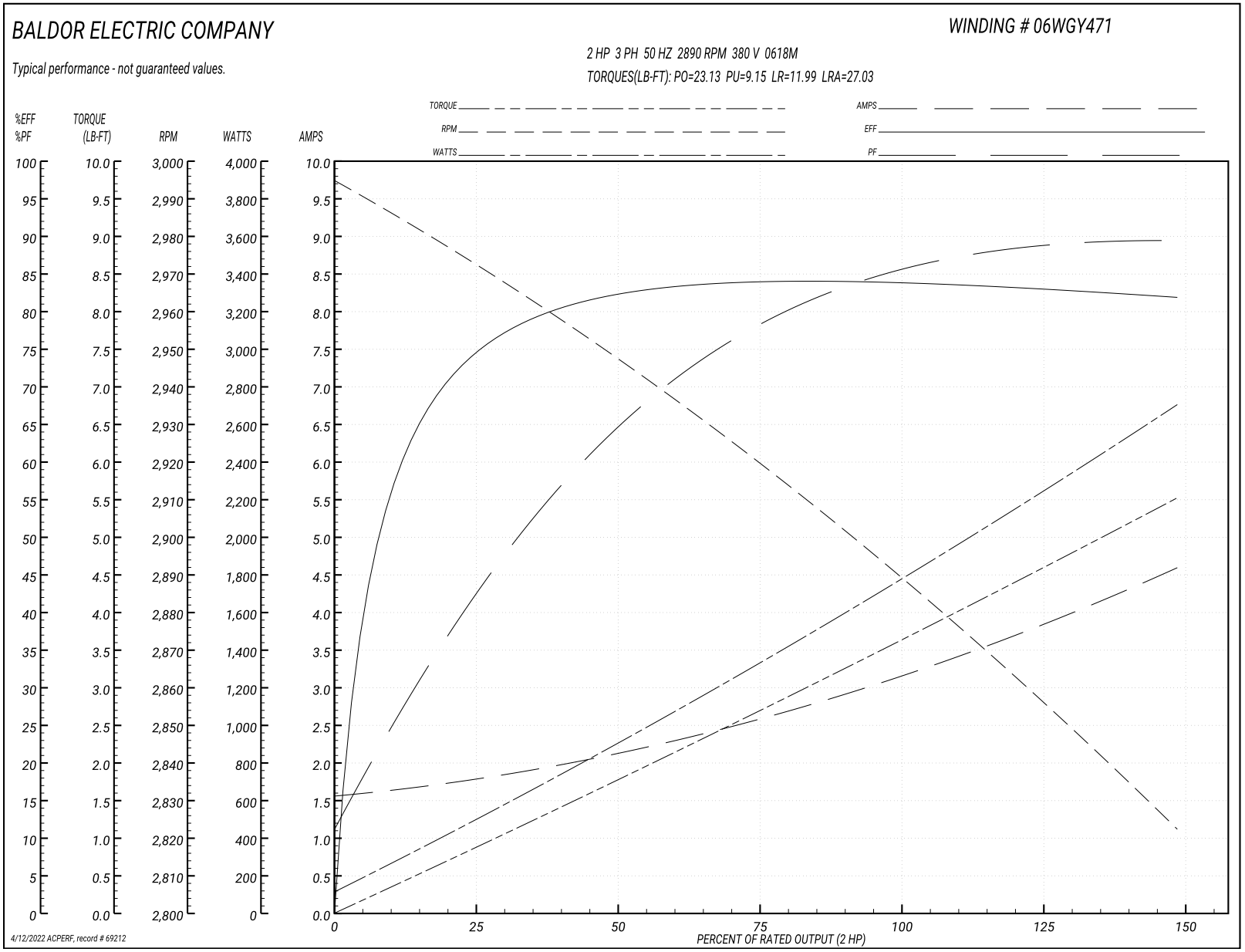
Winding: 06WGY471-R002	**Type:** 0618M	**Enclosure:** TEFC

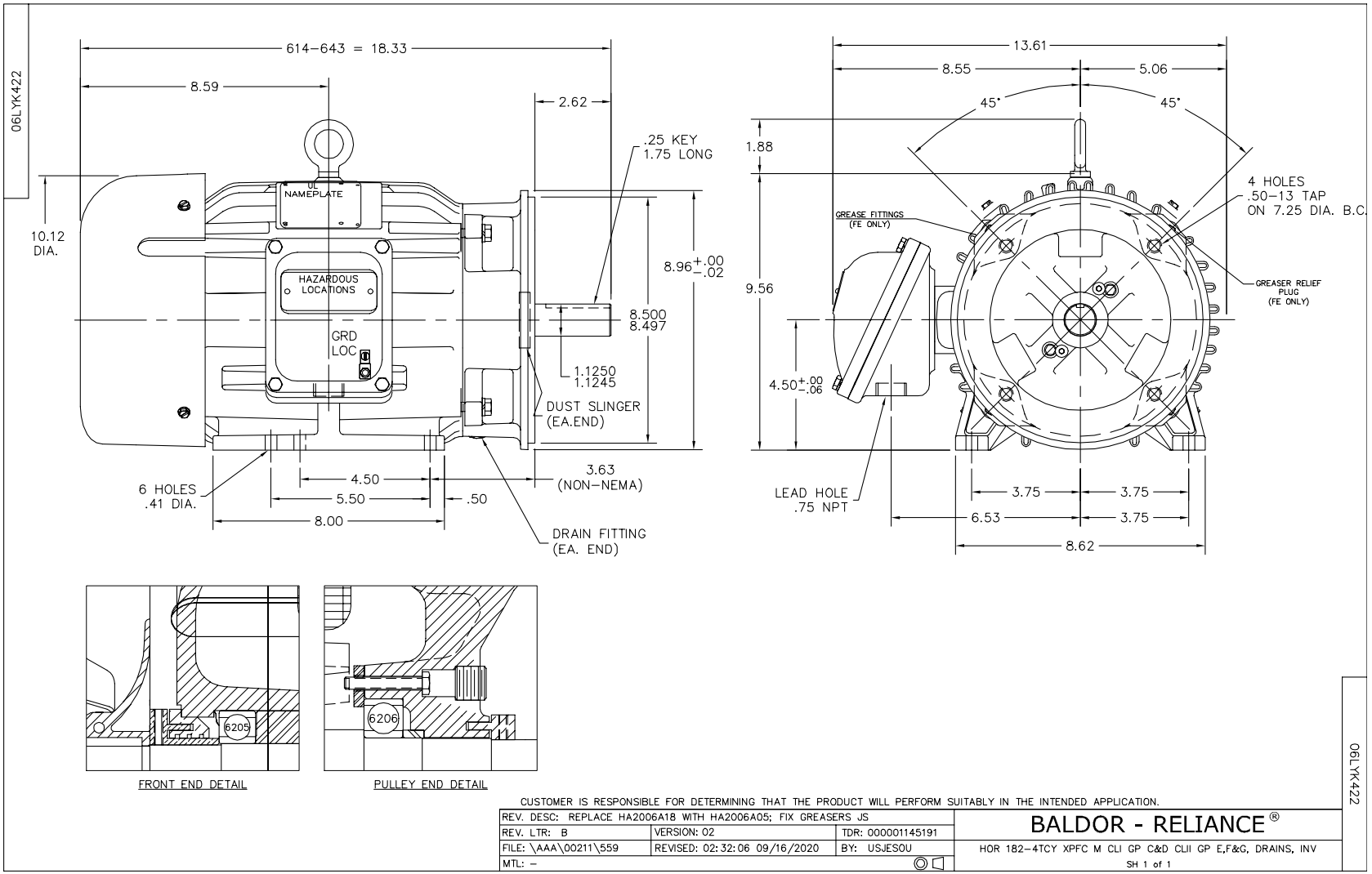
Nameplate Data				**380 V, 50 Hz: High Voltage Connection**	
Rated Output (HP)			3//2	**Full Load Torque**	3.61 LB-FT
Volts			230/460//190/380	**Start Configuration**	direct on line
Full Load Amps			7.6/3.8//6.4/3.2	**Breakdown Torque**	23.13 LB-FT
R.P.M.			3470//2890	**Pull-up Torque**	9.15 LB-FT
Hz	60//50	**Phase**	3	**Locked-rotor Torque**	11.99 LB-FT
NEMA Design Code	B	**KVA Code**	K	**Starting Current**	27.03 A
Service Factor (S.F.)			1	**No-load Current**	1.6 A
NEMA Nom. Eff.	86.5	**Power Factor**	89	**Line-line Res. @ 25ºC**	6.24 Ω
Rating - Duty			40C AMB-CONT	**Temp. Rise @ Rated Load**	36°C
S.F. Amps				**Temp. Rise @ S.F. Load**	43°C
				Locked-rotor Power Factor	65.7
				Rotor inertia	0.0795 LB-FT2

Load Characteristics 380 V, 50 Hz, 2 HP

% of Rated Load	**25**	**50**	**75**	**100**	**125**	**150**
Power Factor	44	65	78	84	88	90
Efficiency	73.4	81.5	84.1	84.1	83.2	81.7
Speed	2972	2947	2921	2890	2860	2821
Line amperes	1.73	2.09	2.58	3.18	3.82	4.57

Performance Graph at 380V, 50Hz, 2.0HP Typical performance - Not guaranteed values

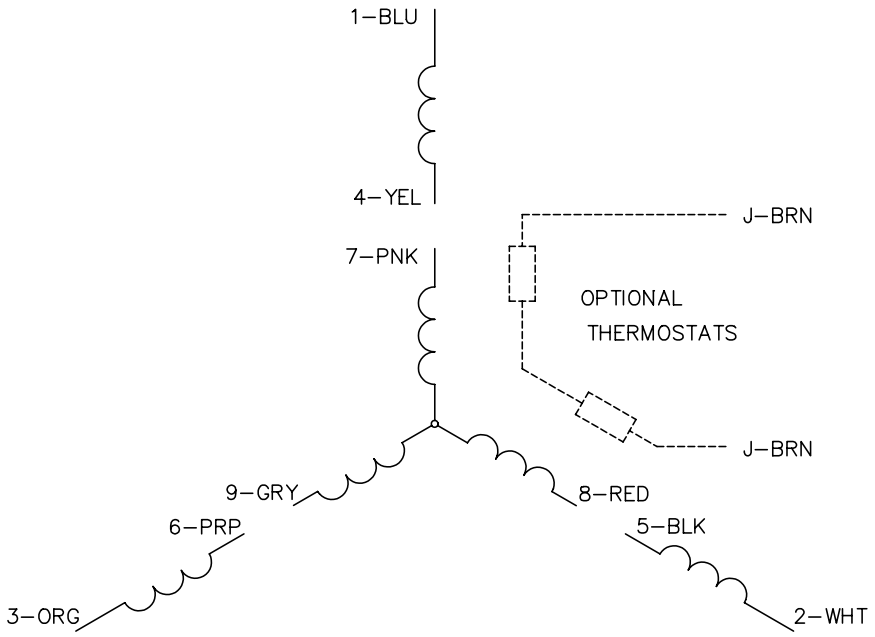


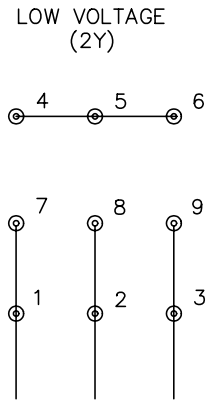


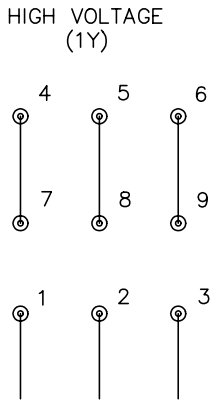
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REPLACE HA2006A18 WITH HA2006A05; FIX GREASERS JS			BALDOR - RELIANCE®
REV. LTR: B	VERSION: 02	TDR: 000001145191	
FILE: \AAA\00211\559	REVISED: 02:32:06 09/16/2020	BY: USJESOU	HOR 182–4TCY XPFC M CLI GP C&D CLII GP E,F&G, DRAINS, INV
MTL: –			SH 1 of 1

CD0005







NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
CD0005		FILE: AAA00005140	MDL: –
		MTL: –	3PH, DV, 9 LEADS

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