



Product Information Packet

OF2276T

7.5HP,1125RPM,3PH,60HZ,254T,0932M,TEFC

Part Detail							
Revision:	AE	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	09WGY655	CD Diagram:	CD0321	Mfg Plant:	
Mech. Spec:	09F945	Layout:	09LYF945	Poles:	06	Created Date:	
Base:	RG	Eff. Date:	09-07-2018	Leads:	12#12 ML4400B12	Y	

Specs			
Catalog Number:	OF2276T	Heater Indicator:	No Heater
Enclosure:	TEFC	Insulation Class:	F
Frame:	254T	Inverter Code:	Not Inverter
Frame Material:	Iron	KVA Code:	H
Output @ Frequency:	7.500 HP @ 60 HZ	Lifting Lugs:	Standard Lifting Lugs
Synchronous Speed @ Frequency:	1200 RPM @ 60 HZ	Locked Bearing Indicator:	Locked Bearing
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Quantity/Wire Size:	12 @ 12 AWG
	460.0 V @ 60 HZ	Motor Lead Exit:	Ko Box
	796.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	0932M
XP Division:	Not Applicable	Mounting Arrangement:	F2
Agency Approvals:	UR	Power Factor:	67
	CSA	Product Family:	Chemical Processing (Not DC)
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	Standard
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	12.900 A @ 460.0 V	Shaft Ground Indicator:	No Shaft Grounding
	25.800 A @ 230.0 V	Shaft Rotation:	Reversible
	7.500 A @ 796.0 V	Shaft Slinger Indicator:	Shaft Slinger
Design Code:	D	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	NONE (OLD)
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	Normally Closed Thermostat
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	None
		Winding Thermal 2:	None

Nameplate NP2960E

CAT.NO.										
SPEC.	09F945Y655									
HP	7.5									
VOLTS	230/460/796									
AMP	25.8/12.9/7.5									
RPM	1125									
FRAME	254T					HZ	60		PH	3
SER.F.	1.15		CODE	H			DES	D	CL	F
NEMA-NOM-EFF	84			PF	67					
RATING	40C AMB-CONT									
CC						USABLE AT 208V				
DE	6309					ODE	6208			
ENCL	TEFC		SN							

Nameplate NP0090E

FRONT

6208

PULLEY

6309

LUBRICATE WITH

GREASE

POLYREX EM

Parts List		
Part Number	Description	Quantity
SA095328	SA 09F945Y655	1.000 EA
RA087793	RA 09F945Y655	1.000 EA
HW1002A63	0ASHER, 5/8 HI-COLLAR SPRLCKWASHER	1.000 EA
09CB1002A12P	KOBX W/1.25 NPT LEAD HOLE & 2.38 MTG HOL	1.000 EA
09GS1010	GASKET, DWG, LEADWIRE SEPERATOR	1.000 EA
10XN2520K12	1/4-20 X.75 GRD 5	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
WD1000B16	T&B CX70TN TERMINAL	1.000 EA
10XN2520K06	1/4-20 X 3/8" HX HD SCREWGRADE 5, ZINC P	1.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	1.000 EA
09EP1100A14PP5	ENDPLATE, MACH W/EPOXY PRIMER & PAINT	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
HA3400A33	STUD- 3/8-16 X 4.82 HEX WELKER	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
HW4600B44	V-RING SLINGER 1.500 X 1.810 X .28 VITON	1.000 EA
09FH1000P	FAN COVER, CAST W/EPOXY PRIMER	1.000 EA
HW4600B44	V-RING SLINGER 1.500 X 1.810 X .28 VITON	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
10XN2520K28	1/4-20 X 1.75" HX HD SCRWGRADE 5, ZINC P	2.000 EA
10XN2520K36	1/4-20 X 2.25" HX HD SCRWGRADE 5, ZINC P	4.000 EA
09EP1101A21P	SPL PU EP,MODEL 309 - 309 BRG, W/EPOXY P	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
10XN3816K24	3/8-16 X 1.50 HEX HD CAP SCREW, GRADE 5	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
XY3816A12	3/8-16 FINISHED NUT	4.000 EA
12CB1503P	CONDUIT BOX LID, CAST W/EPOXY PRIMER	1.000 EA
12GS1002	GASKET, CONDUIT BOX LID, NEOP	1.000 EA
10XN3118K16	5/16-18 X 1' GRADE #5, STL, ZINC PLATE	2.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT .591 OD, .319 I	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
MJ5001A27	32220KN GRAY SEALER *MIN BUY 4 QTS=1GAL	0.031 QT
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
LB1002N	LABEL,MARINE DUTY (ON ROLLS)	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A05	1669B ALEM/UNIV860 GR FTG X	1.000 EA
HA4054	SHORT T-DRAIN FITTING, .125" N.P.T.	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.080 LB
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HA4054	SHORT T-DRAIN FITTING, .125" N.P.T.	1.000 EA
09FN3001A01SP	EXTERNAL FAN, PLASTIC	1.000 EA
HW2500A25	WOODRUFF KEY USA #1008 #BLOW CARBON STEE	1.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
MG1025G03	WILKOFASST, 789.901, OIL RIG SILVER	0.050 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	4.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA
LB1417	LABEL CARTON 6X4 PERFORATED BLANK ROLLS	1.000 EA

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MJ5001A14	DYNAPRO SEALANT, CP MTR VC#2508050 (603	0.023 EA
LB1119N	WARNING LABEL	1.000 EA
LC0321	CONNECTION LABEL	1.000 EA
NP2960E	SS CP CSA CC	1.000 EA
NP0090E	SS NO LOGO'S BEARING & GREASE DATA	1.000 EA
09PA1000	PACKAGING GROUP COMBINED PRINT	1.000 EA

Accessories		
Part Number	Description	Multiplier
09-1309	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 26092 - Typical performance - not guaranteed values

Winding: 09WGY655-R001	Type: 0932M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: 2nd Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	34.6 LB-FT
Volts	230/460/796			Start Configuration	direct on line
Full Load Amps	25/12.5/7.4			Breakdown Torque	148 LB-FT
R.P.M.	1125			Pull-up Torque	101 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	114 LB-FT
NEMA Design Code	D	KVA Code	H	Starting Current	66 A
Service Factor (S.F.)	1.15			No-load Current	8.67 A
NEMA Nom. Eff.	84	Power Factor	67	Line-line Res. @ 25°C	1.11 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	70°C
S.F. Amps				Temp. Rise @ S.F. Load	85°C

Load Characteristics 460 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	29	45	57	65	71	74	69
Efficiency	70.7	79.9	82.6	82.8	81.7	79.8	82.1
Speed	1185	1171	1154	1135	1114	1089	1122
Line amperes	8.83	9.74	11.1	12.9	15.2	17.8	14.3

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values

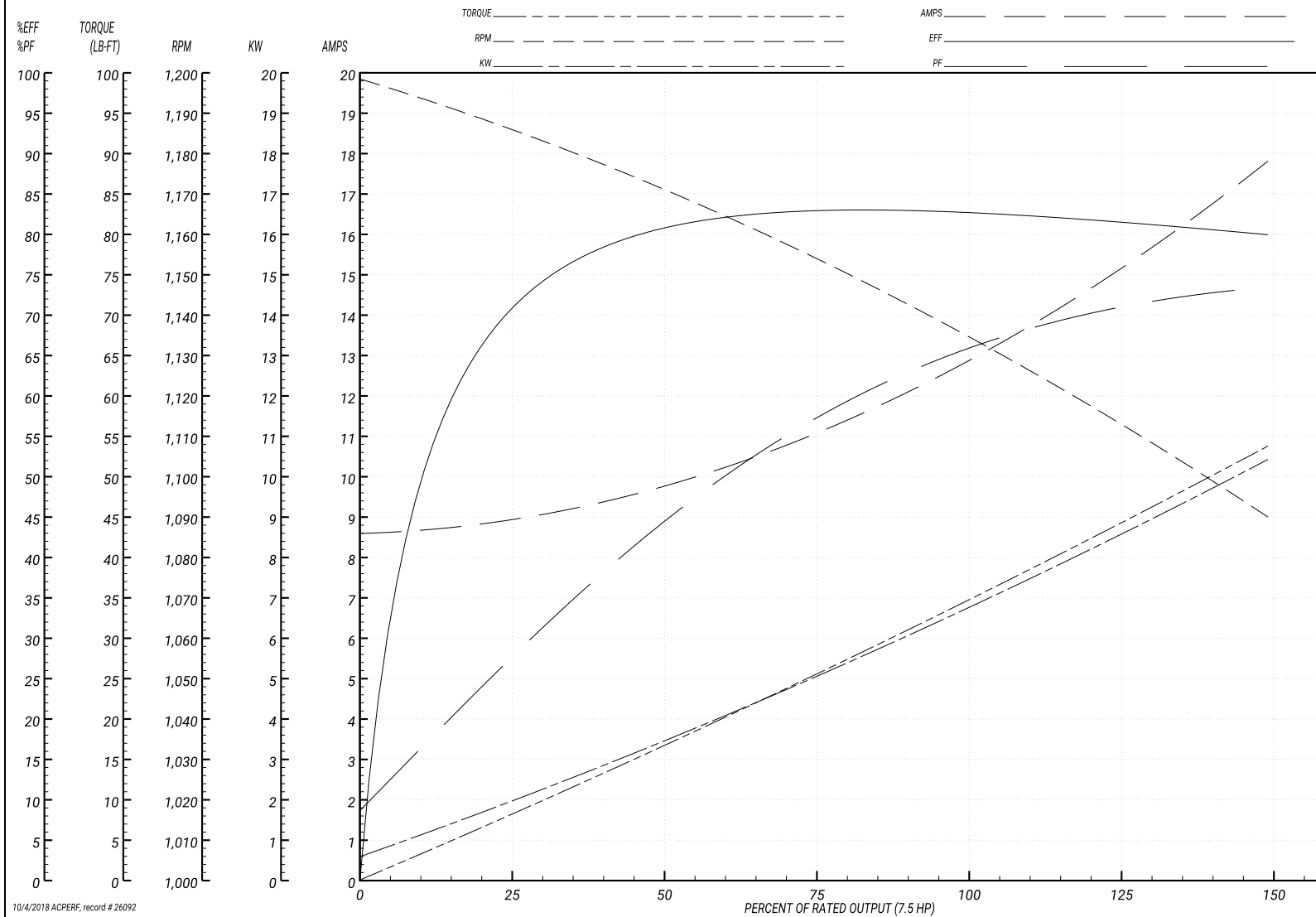
BALDOR ELECTRIC COMPANY

WINDING # 09WGY655

Typical performance - not guaranteed values.

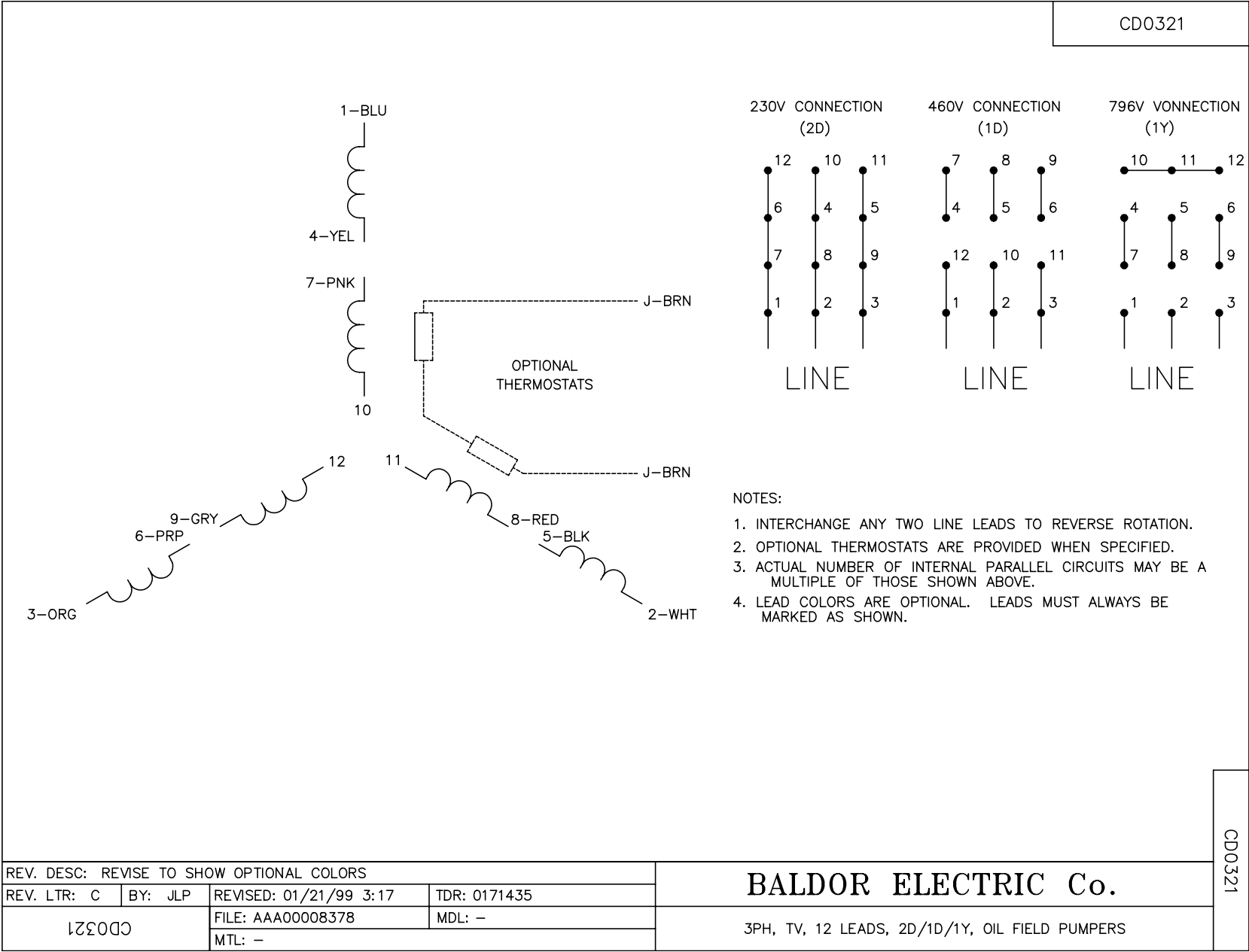
7.5 HP 3 PH 60 HZ 1125 RPM 460 V 0932M

TORQUES(LB-FT): PO=148 PU=101 LR=114 LRA=66





SH 1 of 1



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