

BALDOR® • RELIANCE

Product Information Packet

VJMM2333T-5

15HP,1760RPM,3PH,60HZ,254JM,0756M,TEFC,F

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0756M	Elec. Spec:	07WGX922	CD Diagram:	CD0006
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	07H344	Layout:	07LYH344
Frame:	254JM	Mounting:	F1	Poles:	04	Created Date:	11-04-2009
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	10-08-2013
Leads:	3#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L										
CAT.NO.	VJMM2333T-5									
SPEC.	07H344X922H1									
HP	15									
VOLTS	575									
AMP	15.2									
RPM	1760									
FRAME	254JM	HZ			60	PH		3		
SER.F.	1.15	CODE			J	DES		A	CLASS	F
NEMA-NOM-EFF	91	PF			83					
RATING	40C AMB-CONT									
CC	010A	USABLE AT 208V								
DE	6309	ODE			6307					
ENCL	TEFC	SN								

Parts List		
Part Number	Description	Quantity
SA187589	SA 07H344X922H1	1.000 EA
RA175353	RA 07H344X922H1	1.000 EA
37FN3002B01	EXFN, PLASTIC, 7.50 OD, 1.155 ID	1.000 EA
HW3201A05	3/8-16 EYEBOLT	1.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
09GS1000SP	GASKET-CONDUIT BOX, 1/16 THICK LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
WD1000B17	T&B CX35TN TERMINAL	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	1.000 EA
37EP1101A03	FR/PU ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
07EP1306A02	ENDPLATE, MACH, W/TIGHT SLEEVE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A36	1/4-20X 2 1/4 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
07FH4007SP	IEC FH W/GRSR, NOTCH @ 6:00 & 3 FAN CVR	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
09GS1013SP	09 GS FOR 09CB3501 LID - LEXIDE	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW4600B67	FORSHEDA #V45A FACE SEAL	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501E22	KEY, 1/4 SQ X 2.500	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
HA3104A32	THRUBOLT- 5/16-18 X12.750	4.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY	0.036 GA
LB1119N	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0006	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
07PA1011	PKG GRP, 07 CAST IRON PK1181	1.000 EA
07PA1095	PKG GRP, VER 07 CAST IRON	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 28578 - Typical performance - not guaranteed values

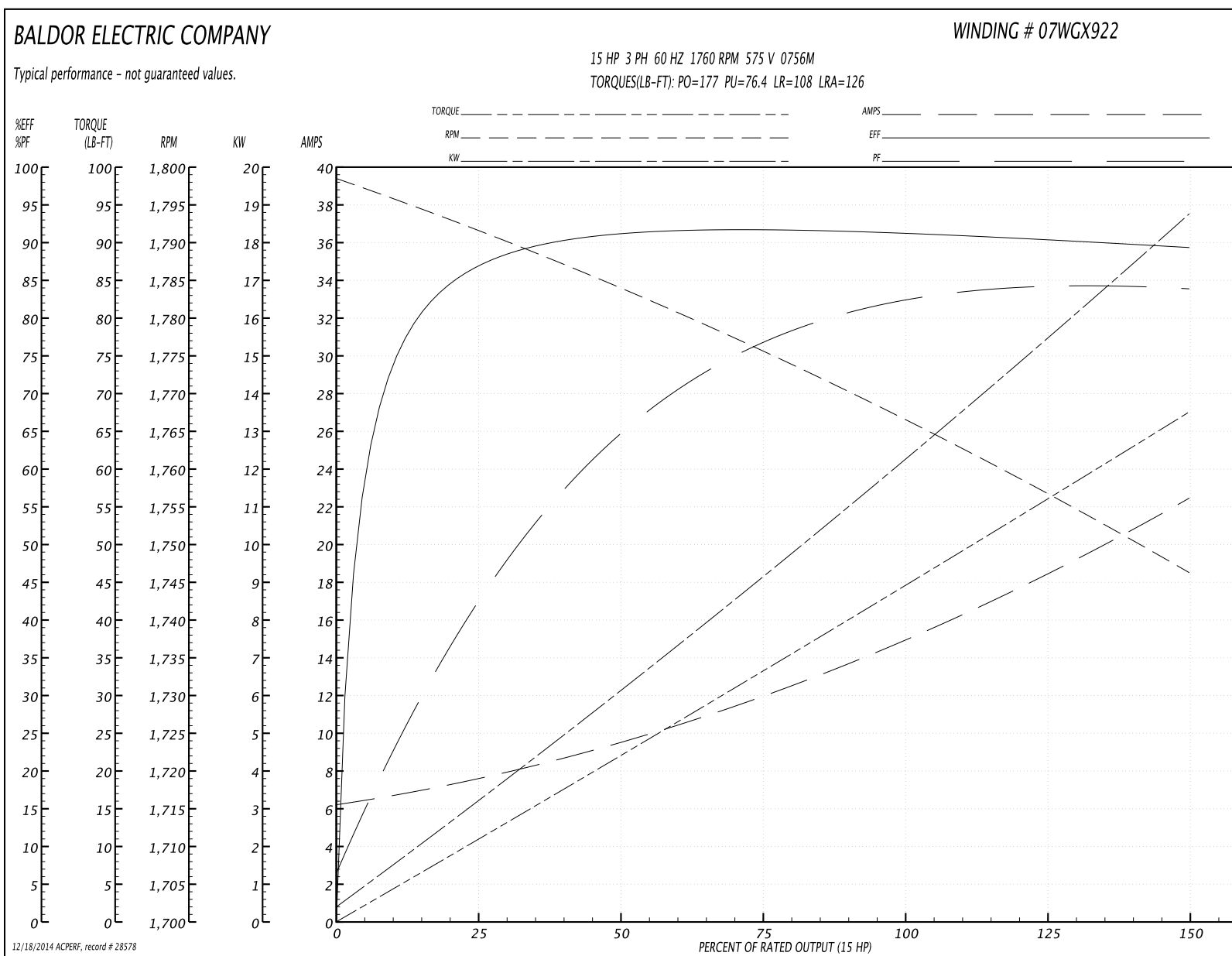
Winding: 07WGX922-R002	Type: 0756M	Enclosure: TEFC
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Nameplate Data				575 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	15			Full Load Torque	44.6 LB-FT
Volts	575			Start Configuration	direct on line
Full Load Amps	15.2			Breakdown Torque	177 LB-FT
R.P.M.	1760			Pull-up Torque	76.4 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	108 LB-FT
NEMA Design Code	A	KVA Code	J	Starting Current	126 A
Service Factor (S.F.)	1.15			No-load Current	6.46 A
NEMA Nom. Eff.	91	Power Factor	83	Line-line Res. @ 25°C	0.946 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	66°C
S.F. Amps				Temp. Rise @ S.F. Load	79°C
				Rotor inertia	1.38 LF ²

Load Characteristics 575 V, 60 Hz, 15 HP

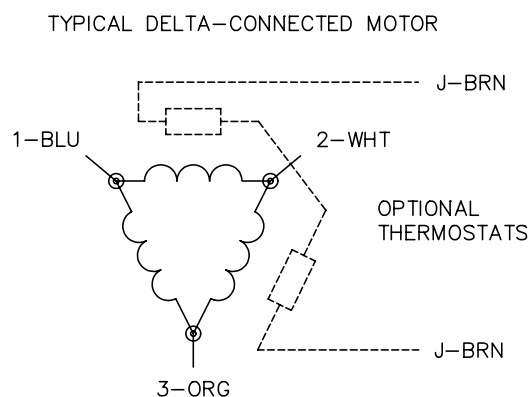
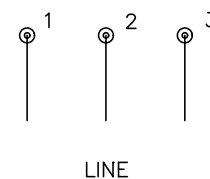
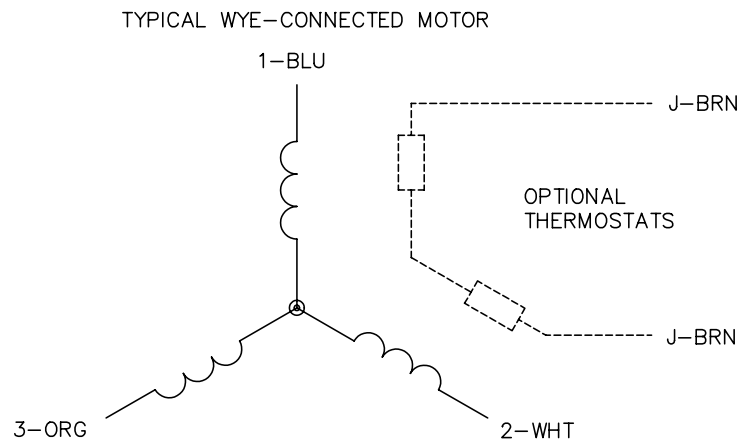
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	44	66	76	82	84	85	83
Efficiency	86.1	91	91.7	91.4	90.5	89.3	90.9
Speed	1791	1784	1776	1767	1757	1746	1761
Line amperes	7.27	9.3	11.9	15.2	18.5	22.3	17.1

Performance Graph at 575V, 60Hz, 15.0HP Typical performance - Not guaranteed values





CD0006



NOTES:

1. THREE LEAD MOTOR MAY BE EITHER WYE CONNECTED OR DELTA CONNECTED.
2. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
3. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
4. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
5. LEAD COLORS ARE OPTIONAL. LEADS MUST BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: D

BY: JLP

REVISED: 01/21/99 4:02

TDR: 0171435

9000D

FILE: AAA00005141

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, SV, 3 LEADS, WYE OR DELTA CONNECTED

CD0006