

BALDOR® • RELIANCE

Product Information Packet

JPM2334T

20HP,1760RPM,3PH,60HZ,256JP,0760M,TEFC,F

Part Detail							
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	0760M	Elec. Spec:	07WGX826	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	07K352	Layout:	07LYK352
Frame:	256JP	Mounting:	F1	Poles:	04	Created Date:	05-23-2006
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-08-2013
Leads:	9#10					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L										
CAT.NO.	JPM2334T									
SPEC.	07K352X826H1									
HP	20									
VOLTS	230/460									
AMP	50/25									
RPM	1760									
FRAME	256JP	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			54					
DE	6309	ODE			6307					
ENCL	TEFC	SN								

Parts List		
Part Number	Description	Quantity
SA143256	SA 07K352X826H1	1.000 EA
RA132505	RA 07K352X826H1	1.000 EA
37FN3002A01SP	EXFN, PLASTIC, 9.00 OD, 1.155 ID	1.000 EA
HW3201A01	1/2-13 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
07EP1306A03	ENDPLATE, MACH W/METAL SLINGER	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
HA2009A02	SLINGER MODEL 37 PUMP MOTORS-2.75 DIA. A	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
HA3104A31	THRUBOLT .31-18 X 15.875	4.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY	0.036 GA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
07PA1016	PACKAGING GROUP, STD -E (07 TALL CRATE)	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 21241 - Typical performance - not guaranteed values

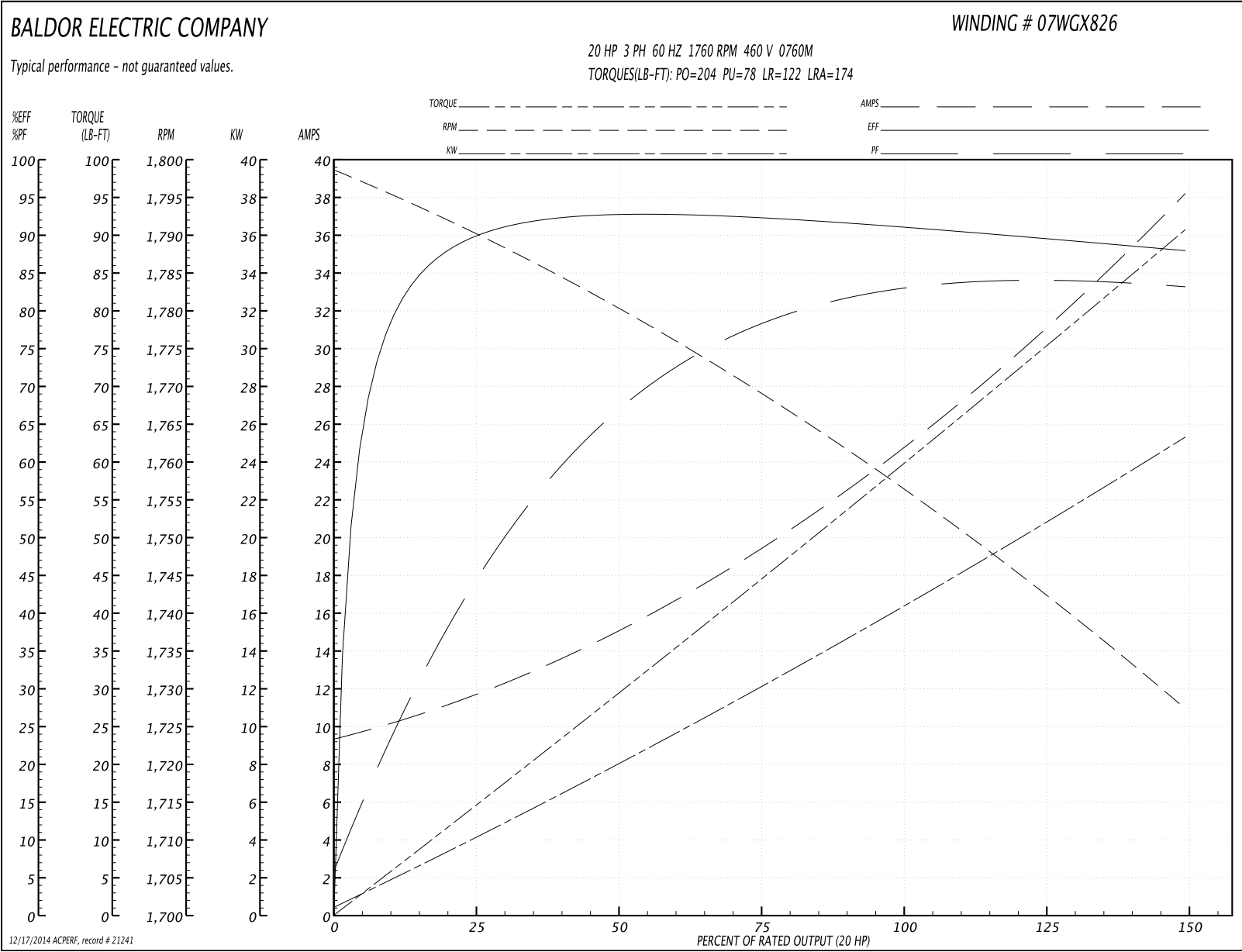
Winding: 07WGX826-R001	Type: 0760M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	20			Full Load Torque	59.7 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	50/25			Breakdown Torque	204 LB-FT
R.P.M.	1760			Pull-up Torque	78 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	122 LB-FT
NEMA Design Code	A	KVA Code	J	Starting Current	174 A
Service Factor (S.F.)	1.15			No-load Current	9.68 A
NEMA Nom. Eff.	91	Power Factor	83	Line-line Res. @ 25°C	0.523 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	84°C
S.F. Amps				Temp. Rise @ S.F. Load	110°C
				Rotor inertia	1.48 LF ²

Load Characteristics 460 V, 60 Hz, 20 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	46	68	77	82	83	84	83
Efficiency	89	92.1	92	91.1	89.7	87.8	90.3
Speed	1790	1780	1769	1757	1743	1727	1749
Line amperes	11.2	14.9	19.5	25	31.1	38	28.7

Performance Graph at 460V, 60Hz, 20.0HP Typical performance - Not guaranteed values





CD0005

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

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.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005