

BALDOR® • RELIANCE

Product Information Packet

M7015

1//.75HP,1750//1450RPM,3PH,60//50HZ,182

Part Detail							
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3516M	Elec. Spec:	35WGP674	CD Diagram:	CD0005
Enclosure:	XPFC	Mfg Plant:		Mech. Spec:	35M526	Layout:	35LYM526
Frame:	182	Mounting:	F1	Poles:	04	Created Date:	07-26-2010
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	10-08-2013
Leads:	9#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1426XPSL						
NO.		CC	010A			
SER.						
SPEC.	35M526P674H1					
CAT.NO.	M7015					
HP	1//.75	T. CODE	T3C			
VOLTS	230/460//190/380					
AMPS	3.2/1.6//3/1.5					
RPM	1750//1450					
HZ	60//50	PH	3	CL	B	
SER.F.	1.00	DES	B	CODE	M	
RATING	40C AMB-CONT					
FRAME	182	NEMA-NOM-EFF	82.5			
USABLE AT 208V		PF	73			
BLANK						

Parts List		
Part Number	Description	Quantity
SA200340	SA 35M526P674H1	1.000 EA
RA187654	RA 35M526P674H1	1.000 EA
35CB3001A01SP	EXPL CONDUIT BOX, MACH, 1/2" PIPE TAP LE	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
35EP3700A01SP	FR ENDPLATE, XPFC	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3701A01	PU ENDPLATE, XPFC - 205 BRG	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A01SP	IEC FH NO GREASER W/AUTOPHORETIC PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB3500A01SP	CONDUIT BOX LID, MACH	1.000 EA
51XN2520A16	SCREW, HEX WS SLT, ZN, 1/4-20 X 1.00	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	6.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
MG1025Z20	ACTIVATOR WILKOFAS 060.32	0.010 GA
MG1025G29	MUNSELL 4.5Y 5.3/0.7 DARK CHARCOAL GREY	0.017 GA
HA3104A08	THRUBOLT-5/16-18X9.375 X X	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LC0145B01	CONNECTION LABEL	1.000 EA
NP1426XPSL	SS XP UL CSA CC CL-I GP-D CL-II GP-F&G	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 32820 - Typical performance - not guaranteed values

Winding: 35WGP674-R003	Type: 3516M	Enclosure: XPFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1//.75			Full Load Torque	2.99 LB-FT
Volts	230/460//190/380			Start Configuration	direct on line
Full Load Amps	3.2/1.6//3/1.5			Breakdown Torque	17.8 LB-FT
R.P.M.	1750//1450			Pull-up Torque	8.32 LB-FT
Hz	60//50	Phase	3	Locked-rotor Torque	10.4 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	13.2 A
Service Factor (S.F.)	1			No-load Current	1.04 A
NEMA Nom. Eff.	82.5	Power Factor	73	Line-line Res. @ 25°C	16.3 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	41°C
				Rotor inertia	0.0946 LF ²

Load Characteristics 460 V, 60 Hz, 1 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	32	50	63	72	79	83
Efficiency	66.6	78	81.4	82.6	82.5	81.6
Speed	1788	1776	1764	1750	1735	1719
Line amperes	1.11	1.2	1.36	1.56	1.77	2.06

Performance Graph at 460V, 60Hz, 1.0HP Typical performance - Not guaranteed values

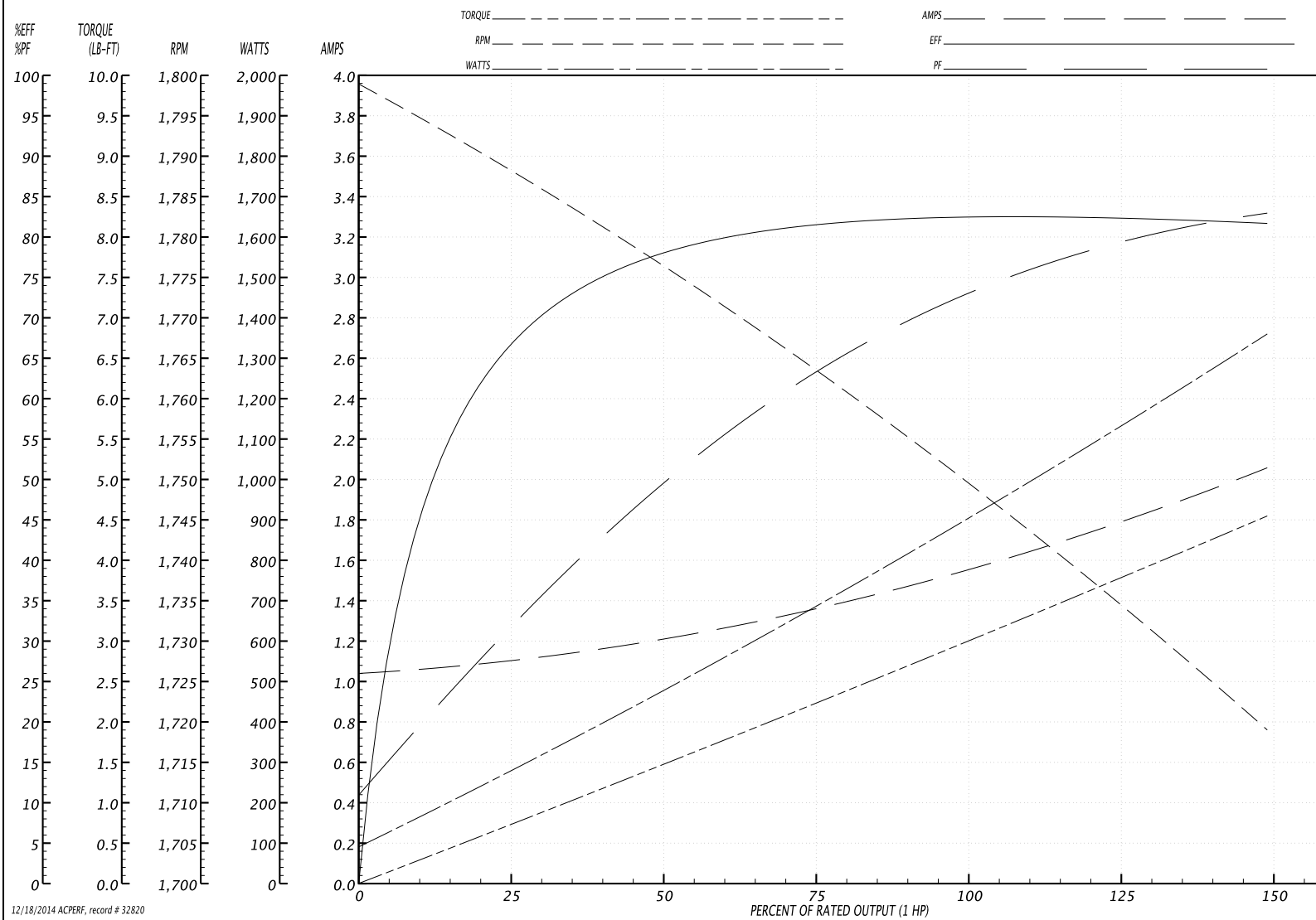
BALDOR ELECTRIC COMPANY

WINDING # 35WGP674

Typical performance - not guaranteed values.

1 HP 3 PH 60 HZ 1750 RPM 460 V 3516M

TORQUES(LB-FT): PO=17.8 PU=8.32 LR=10.4 LRA=13.2



AC Induction Motor Performance Data

Record # 32821 - Typical performance - not guaranteed values

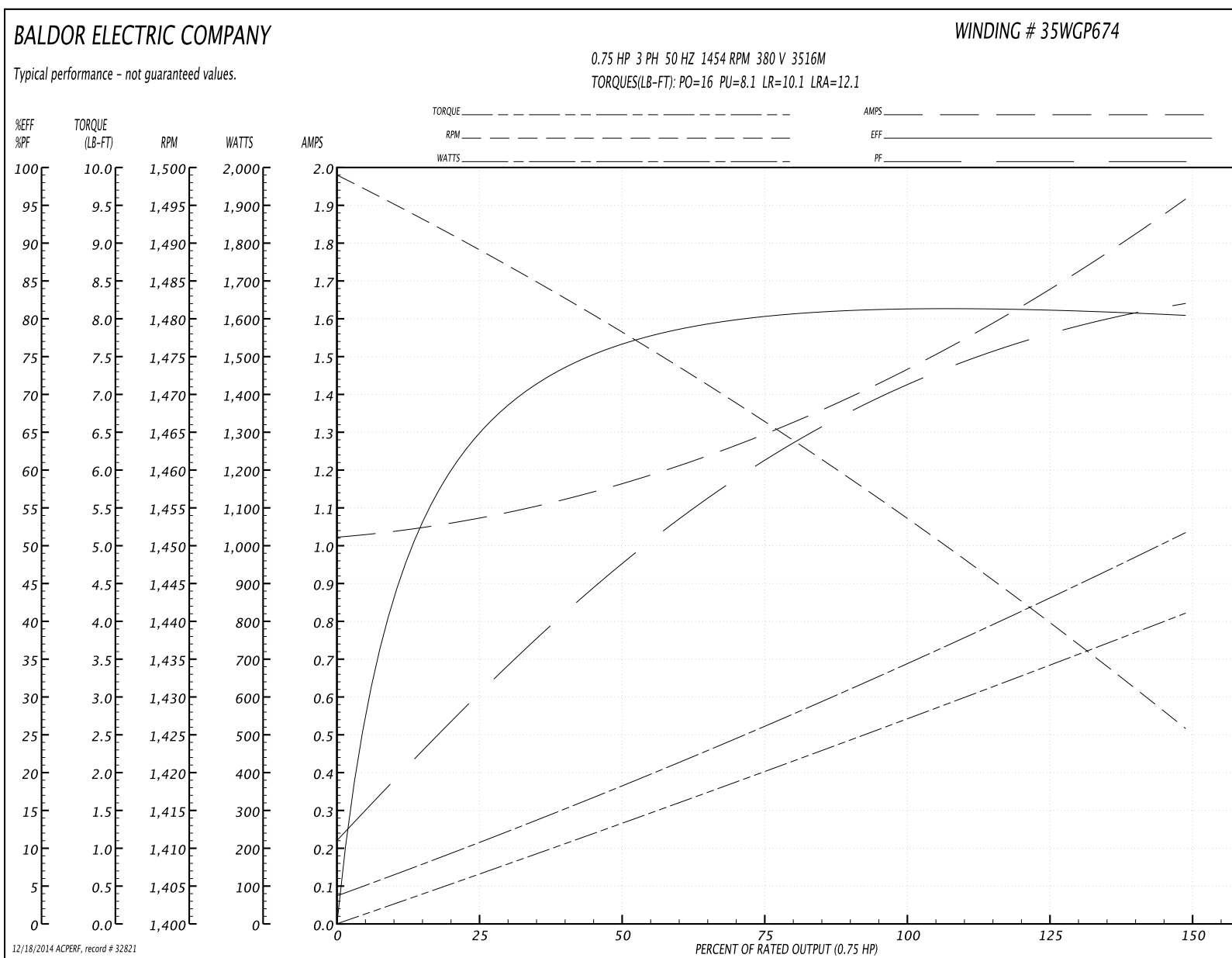
Winding: 35WGP674-R003	Type: 3516M	Enclosure: XPFC
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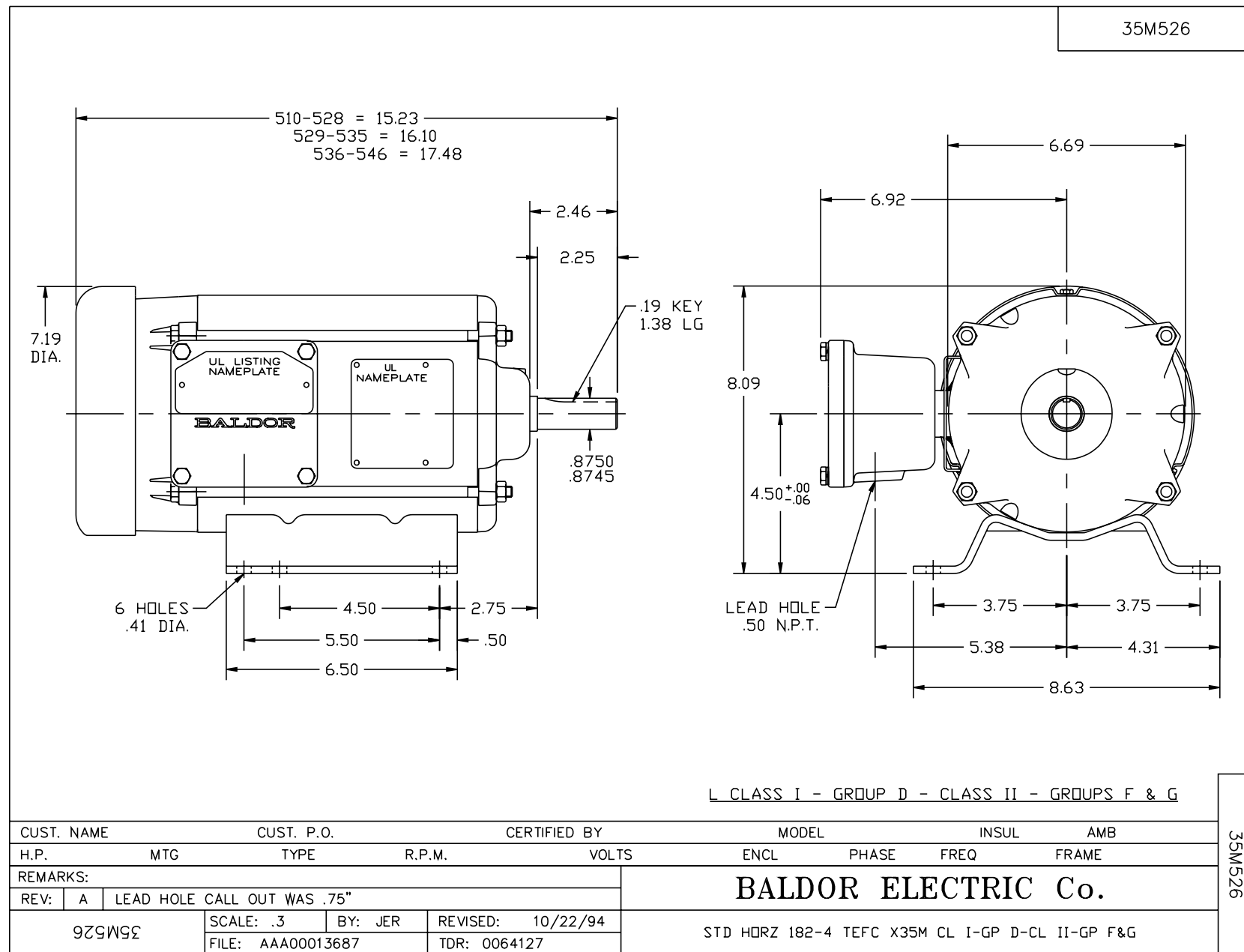
Nameplate Data				380 V, 50 Hz: High Voltage Connection	
Rated Output (HP)	1//.75			Full Load Torque	2.7 LB-FT
Volts	230/460//190/380			Start Configuration	direct on line
Full Load Amps	3.2/1.6//3/1.5			Breakdown Torque	16 LB-FT
R.P.M.	1750//1450			Pull-up Torque	8.1 LB-FT
Hz	60//50	Phase	3	Locked-rotor Torque	10.1 LB-FT
NEMA Design Code	B	KVA Code	M	Starting Current	12.1 A
Service Factor (S.F.)	1			No-load Current	1.02 A
NEMA Nom. Eff.	82.5	Power Factor	73	Line-line Res. @ 25°C	16.3 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	37°C
				Rotor inertia	0.0946 LF ²

Load Characteristics 380 V, 50 Hz, 0.75 HP

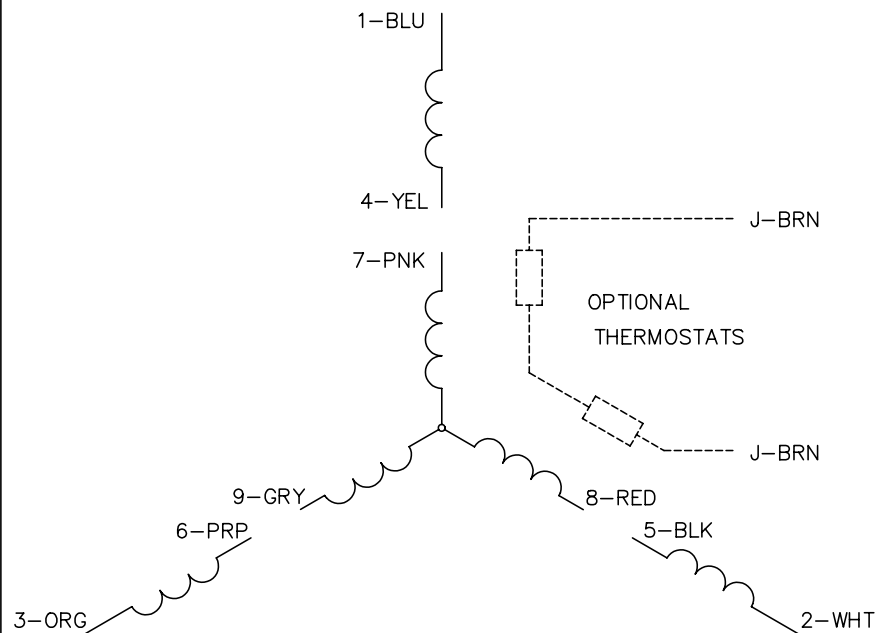
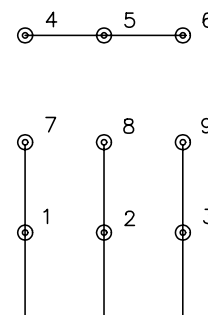
% of Rated Load	25	50	75	100	125	150
Power Factor	31	48	61	71	78	82
Efficiency	64.3	76.4	80.2	81.5	81.4	80.3
Speed	1489	1478	1467	1454	1440	1426
Line amperes	1.08	1.16	1.29	1.47	1.66	1.92

Performance Graph at 380V, 50Hz, 0.75HP Typical performance - Not guaranteed values

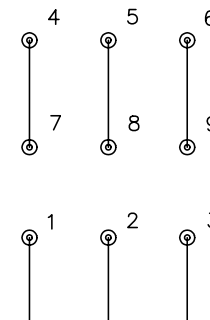




CD0005

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