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BALDOR • RELIANCE

Product Information Packet

M3111

.75HP,3450RPM,3PH,60HZ,56,3413M,OPEN,F1

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Part Detail							
Revision:	B	**Status:**	INA/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3413M	**Elec. Spec:**	34WG0255	**CD Diagram:**	CD0005
Enclosure:	OPEN	**Mfg Plant:**		**Mech. Spec:**	34F779	**Layout:**	34LYF779
Frame:	56	**Mounting:**	F1	**Poles:**	02	**Created Date:**	08-10-2011
Base:	RG	**Rotation:**	R	**Insulation:**	B	**Eff. Date:**	01-21-2015
Leads:	9#18					**Replaced By:**	NO REPLACEMENT
Literature:		**Elec. Diagram:**					

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Nameplate NP1256L

CAT.NO.	M3111								
SPEC.	34F779-0255								
HP	.75								
VOLTS	230/460								
AMP	2.6/1.3								
RPM	3450								
FRAME	56			**HZ**	60			**PH**	3
SER.F.	1.25		**CODE**	K		**DES**	B	**CLASS**	B
NEMA-NOM-EFF	74		**PF**	73					
RATING	40C AMB-CONT								
CC							**USABLE AT 208V**	3.1	
DE	6203				**ODE**	6203			
ENCL	OPEN	**SN**							
	SFA 3/1.5								

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AC Induction Motor Performance Data

Record # 6563 - Typical performance - not guaranteed values

Winding: 34WG0255-R001	**Type:** 3413M	**Enclosure:** OPEN

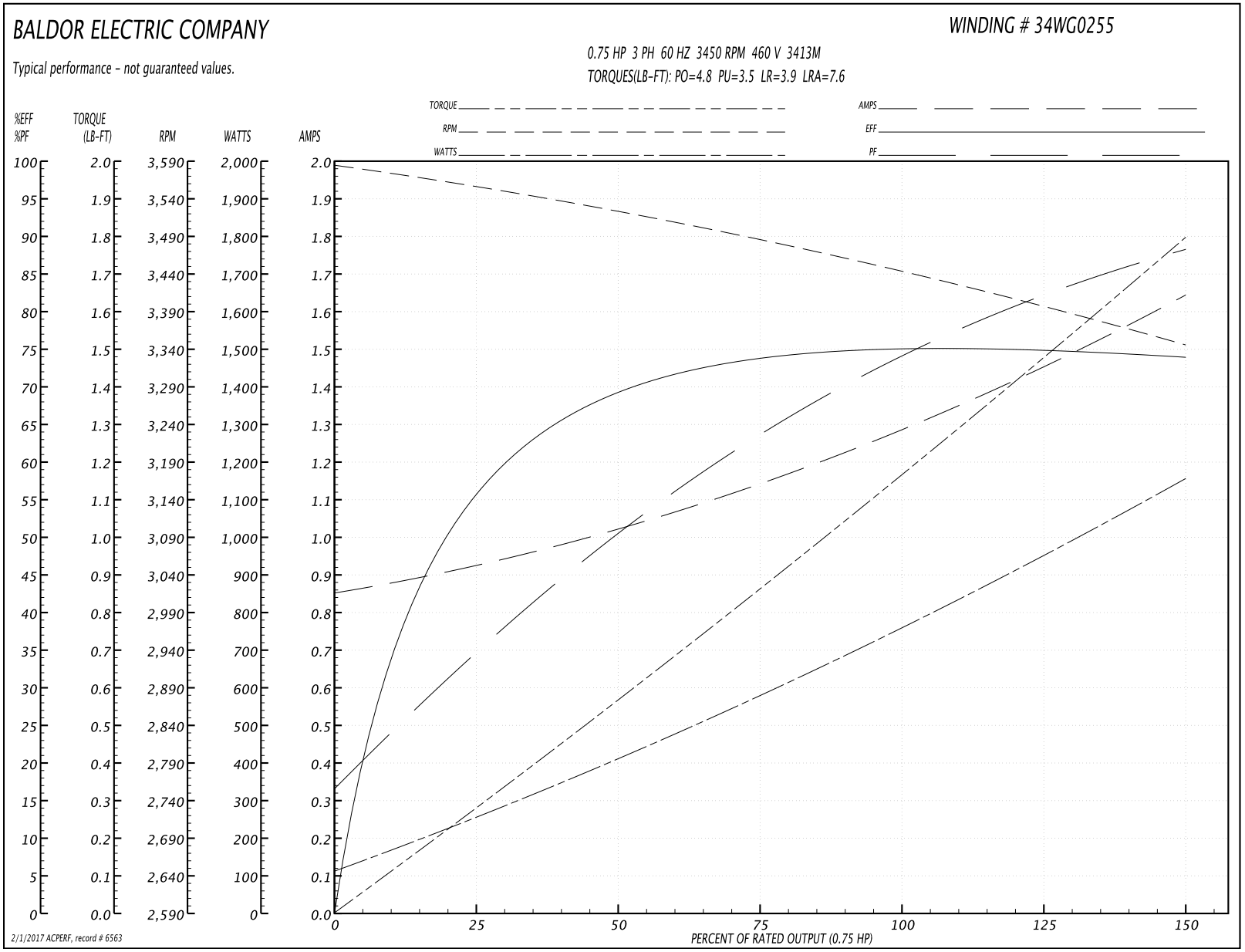
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	1.2 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	2.6/1.3			Breakdown Torque	4.8 LB-FT
R.P.M.	3450			Pull-up Torque	3.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	3.9 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	7.6 A
Service Factor (S.F.)	1.25			No-load Current	0.85 A
NEMA Nom. Eff.	74	Power Factor	73	Line-line Res. @ 25ºC	24.6 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	25°C
S.F. Amps	3/1.5			Temp. Rise @ S.F. Load	33°C

Load Characteristics 460 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	39	58	67	78	82	84	82
Efficiency	57.7	70.6	73.6	75.1	74.7	74	74.7
Speed	3553	3518	3481	3440	3395	3344	3393
Line amperes	0.95	1.02	1.12	1.33	1.5	1.62	1.5

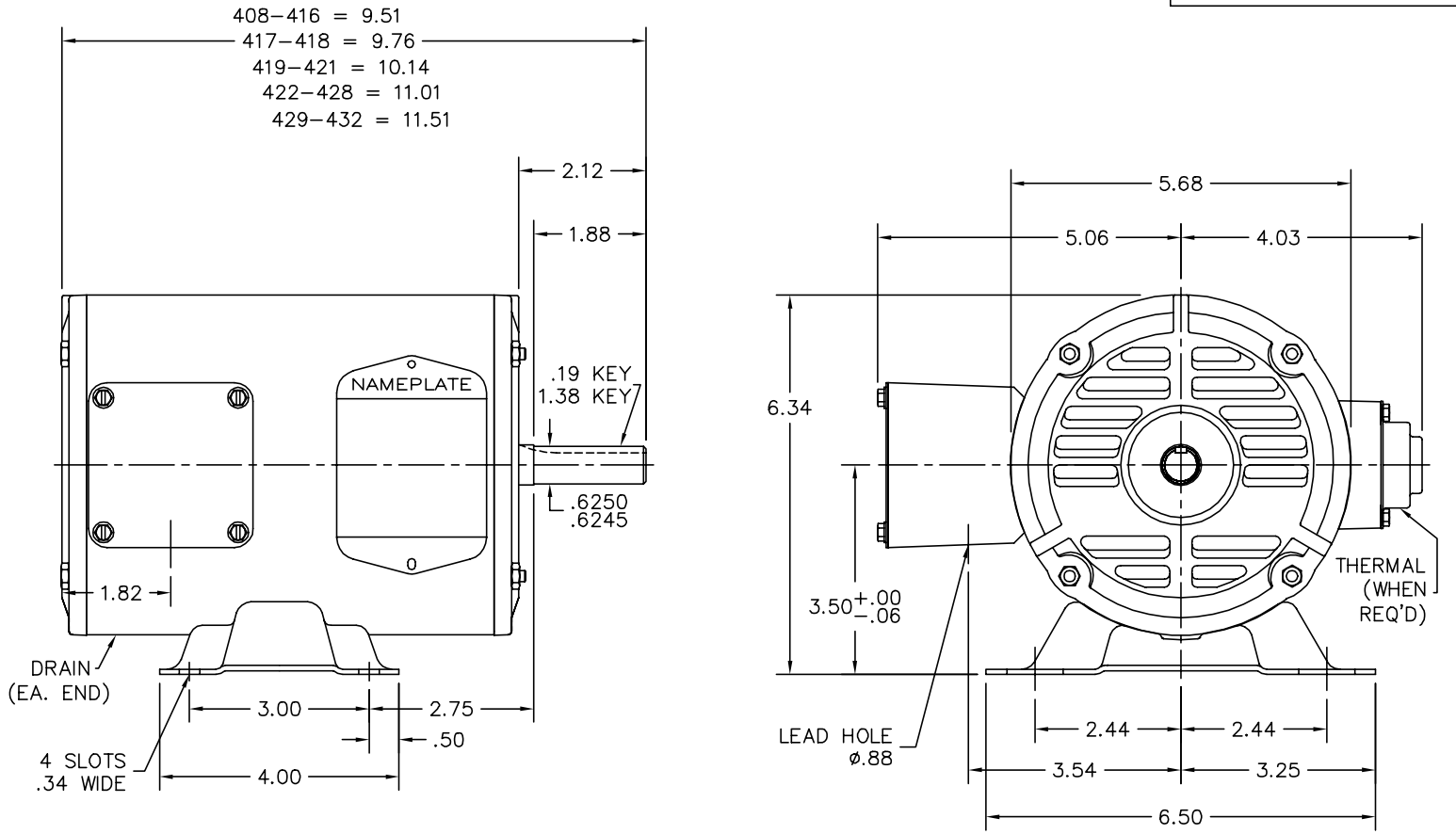
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Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values



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34LYF779



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

REV. DESC: CHG PUEP FROM 34EP3212A24 TO –A02 SEE ZTR02 NOTES		
REV. LTR: D	VERSION: 04	TDR: 000000991828
FILE: \AAA\00181\763	REVISED: 09:50:22 08/11/2016	BY: ENBENBO
MTL: –		

BALDOR

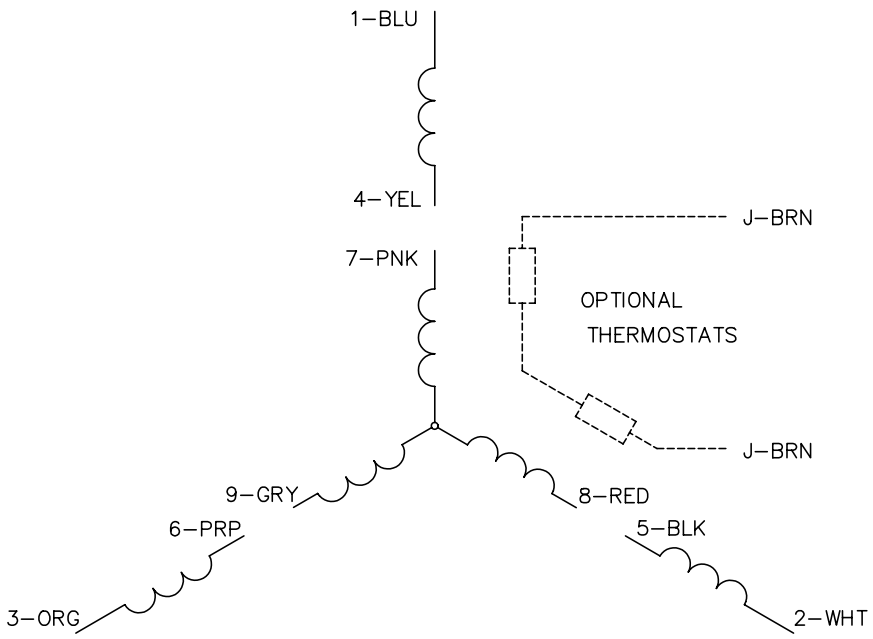
HORZ 34M NEMA 56 OPEN

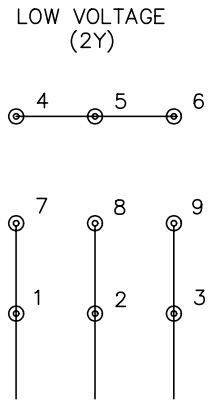
SH 1 of 1

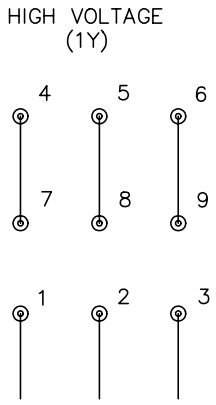
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CD0005







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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