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BALDOR • RELIANCE

Ensemble d'infos pièce

FDL3504M

.5HP,1725RPM,1PH,60HZ,56,3421L,TEFC,F1,N

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Détail pièce							
Révision:	E	**Statut:**	PRD/A	**No de changement:**		**Propriétaire:**	Non
Type:	AC	**Type prod.:**	3421L	**Spéc. élec.:**	34WGW722	**Diagramme CD:**	CD0008
Coffret:	TEFC	**Usine de fab.:**		**Spéc. méc.:**	34M366	**Config:**	34LYM366
Châssis:	56	**Support-moteur:**	F1	**Pôles:**	04	**Date créée:**	11-22-2013
Base:	RG	**Rotation:**	R	**Isolant:**	B	**Date entrée vig.:**	07-20-2015
Conducteurs:	6#18,1#16 #4TH					**Remplacé par:**	
Documentation:		**Spéc. Diagramme:**					

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Plaque signalétique NP1280L							
CAT.NO.	FDL3504M						
SPEC.	34M366W722						
HP	.5						
VOLTS	115/230						
AMP	7.4/3.7						
RPM	1725						
FRAME	56	HZ	60	PH	1		
SER.F.	1.25//	CODE	J	DES	N	CL	B
NEMA-NOM-EFF	68	PF	66				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	4.3				
DE	6203	ODE	6203				
ENCL	TEFC	SN					
	SFA 8.2/4.1						

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Liste des pièces

Référence	Description	Quantité
SA273101	SA 34M366W722	1.000 EA
RA259705	RA 34M366W722	1.000 EA
TPMRD4747SP	THERMAL 1PH 0.75 MAN SPL LOW TEMP	1.000 EA
EC1270A02SP	ELEC CAP, 270-324 MFD, 125V, 1.48D X 3.	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3001A39MP	SPL CONDUIT BOX MODEL 34, MACH THEN PAIN	1.000 EA
34GS1013SP	GASKET,CONDUIT BOX LEXIDE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
RM1014A01SP	BUTYL RUB.THRM COV. (MENA)	1.000 EA
HA6001A01	THERMAL RETAINER (PLATED)	1.000 EA
51XB1214A10	12-14 X 5/8HX WS SL SR TYBX	2.000 EA
34EP3102A01SP	FR ENDPLATE, MACH	1.000 EA
HA1005A05SP	SLINGER, OD 1.50, ID .659, 203 BRG	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
NS2500A02	INSULATOR, MAN THER PROT	1.000 EA
NS2500A02	INSULATOR, MAN THER PROT	1.000 EA
34CB4800SP	CAPACITOR COVER, STAMPED PRIMED	1.000 EA
34GS3000SP	GASKET, CAPACITOR BOX	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3102A99	PU ENDPLATE, MACH FOR SEAL	1.000 EA
HW4600A54	SEAL 0.668 X 1.064 X 0.250 DOUBLE SHIELD	1.000 EA
HW4600B39SP	SEAL 0.550 X .790 X .180 FACE SEALING	1.000 EA

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Liste des pièces (suite)

Référence	Description	Quantité
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
34FH4002A01SP	IEC FH NO GREASER PRIMED	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
37GS1001	GASKET, CONDUIT BOX LID, .06 THICK LEXID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MJ5001A27	32220KN GRAY SEALER *MIN BUY 4 QTS=1GAL	0.001 QT
MG1025C02	RAL6081, LIGHT SUPER TAN, GLOSS 85,	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
WD4006A01	WIRE JOINT,T&B RB-4 OR RB-44	1.000 EA
SP5051B16	MDL 34 TORQ STAT SW,TYPE L , STD F1 & F2	1.000 EA
HA3100A44	THRUBOLT 10-32 X 8.000	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
LC0008	CONNECTION LABEL	1.000 EA
NP1280L	ALUM FARM DUTY UL CSA CC THERMAL	1.000 EA
34PA1005	PKG GRP, PRINT PK1008A06	1.000 EA

Accessoires

Référence	Description	Multiplicateur
34-171	C FACE KIT	A8

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AC Induction Motor Performance Data

Record # 7082 - Typical performance - not guaranteed values

Winding: 34WGW722-R001	**Type:** 3421L	**Enclosure:** TEFC

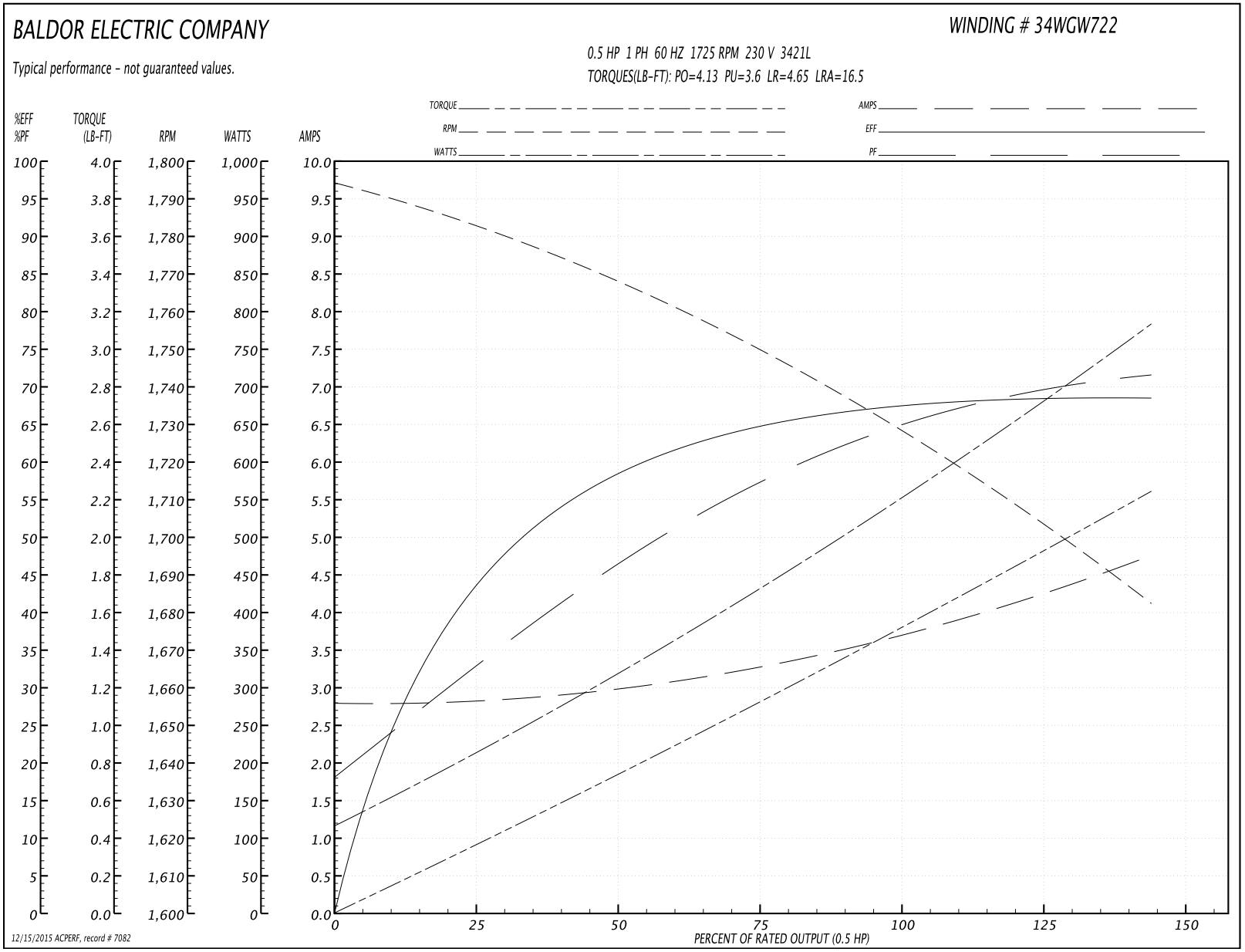
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.5			Full Load Torque	1.5 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	7.4/3.7			Breakdown Torque	4.13 LB-FT
R.P.M.	1725			Pull-up Torque	3.6 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	4.65 LB-FT
NEMA Design Code	N	KVA Code	J	Starting Current	16.5 A
Service Factor (S.F.)	1.25			No-load Current	2.8 A
NEMA Nom. Eff.	68	Power Factor	66	Line-line Res. @ 25ºC	4.44 Ω A Ph 3.19 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	63°C
S.F. Amps	8.2/4.1			Temp. Rise @ S.F. Load	77°C

Load Characteristics 230 V, 60 Hz, 0.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	32	46	59	66	72	80	72
Efficiency	42	58	65	68	69	68	69
Speed	1783	1765	1750	1730	1710	1680	1710
Line amperes	2.8	3	3.3	3.7	4.1	4.8	4.1

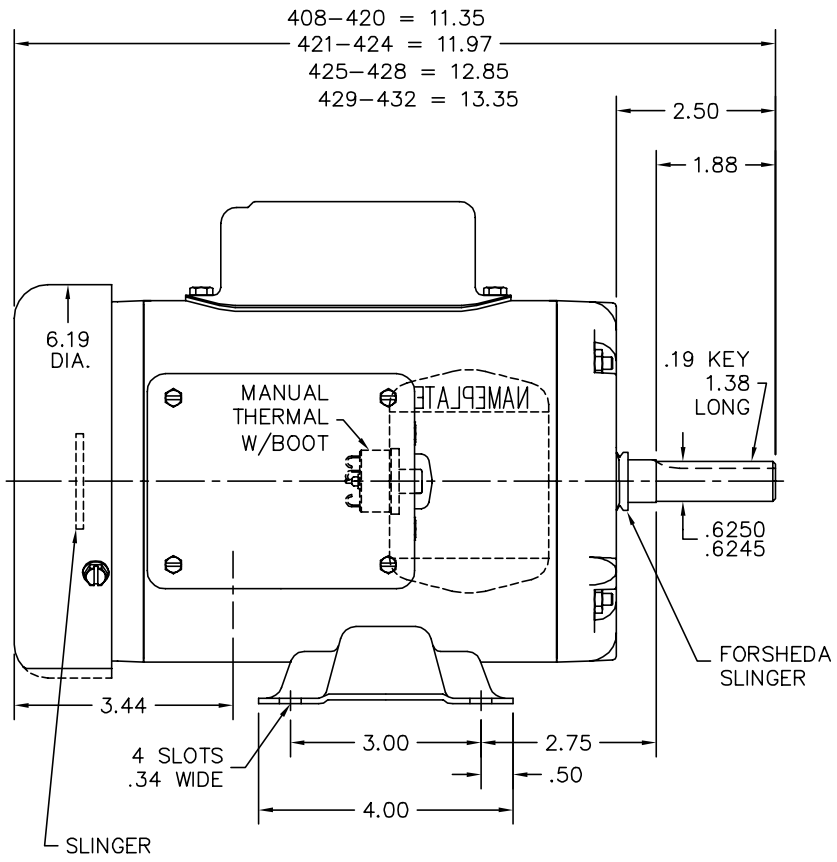
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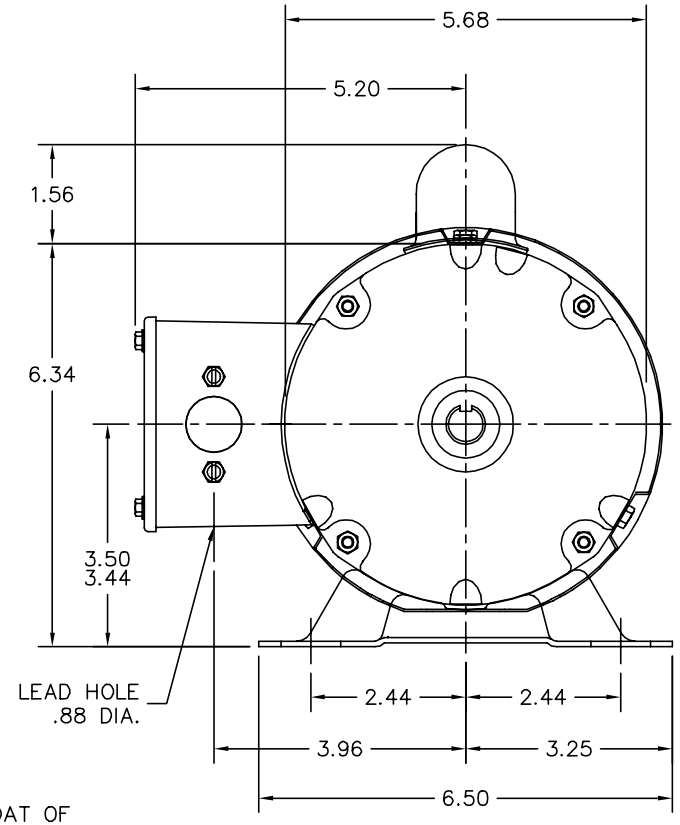
Graphe de performance à 230V, 60Hz, 0.5HP Performance caractéristique - pas de valeurs garanties

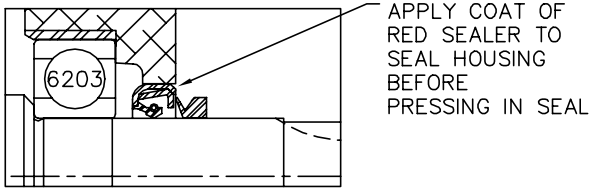


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34LYM366







PULLEY END DETAIL

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

REV. DESC: ADD FLAT SLINGER HA1005A05 ON FRONT END		
REV. LTR: A	VERSION: 01	TDR: 000000907491
FILE: \AAA\00205\165	REVISED: 11:18:36 04/14/2015	BY: ENMAIYO
MTL: –		

BALDOR

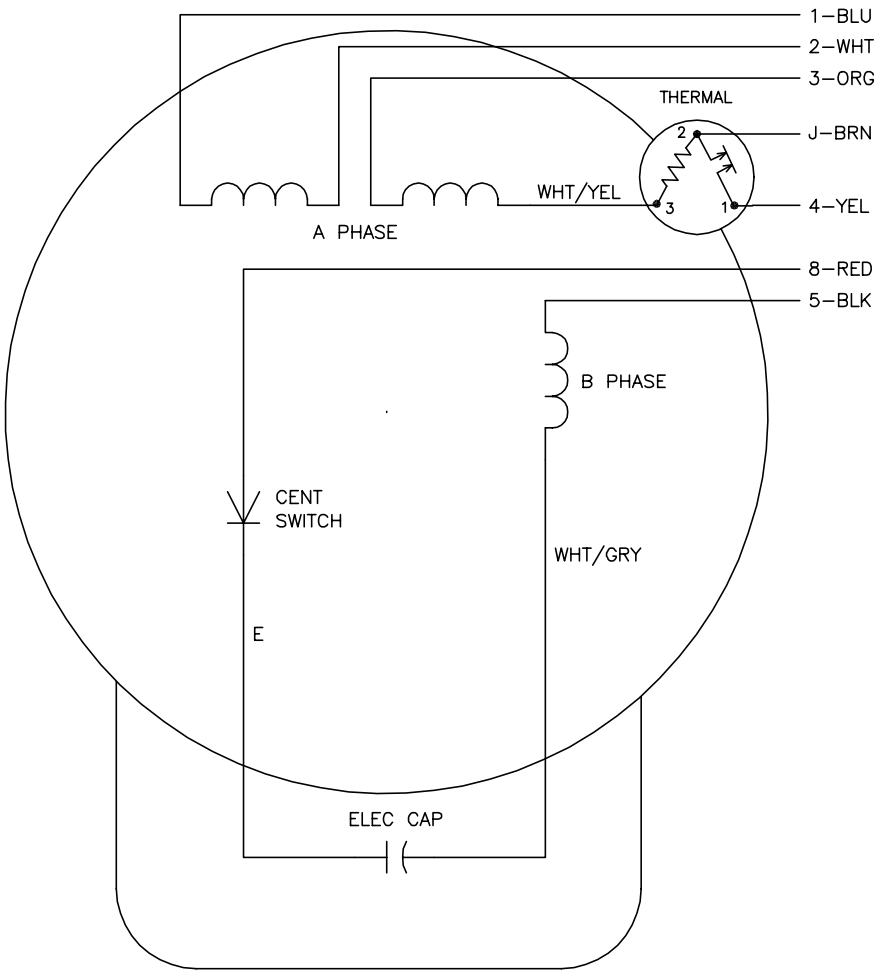
HOR 34L NEMA 56 TEFC W/.75 MTO IN KO BOX, SEAL (FARM DUTY)

SH 1 of 1

34LYM366

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CD0008



	LINE A	LINE B	JOIN	JOIN
HIGH STD	1	4	2,3,8	J,5
HIGH OPP	1	4	2,3,5	J,8
LOW STD	1,3,8	4	–	2,J,5
LOW OPP	1,3,5	4	–	2,J,8

NOTES:

1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
2. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REMOVE 2–TERMINAL THERMAL DETAIL, SEE CD0008A02			BALDOR ELECTRIC Co.
REV. LTR: F	VERSION: 01	TDR: 000000360649	
CD0008	FILE: \AAA\00007\408	REVISED: 10:56:54 04/18/2005	TYPE L, DV, REV, THERMAL, 7 LEADS
	MTL: –	BY: ENJOEPO	

CD0008

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