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Product Information Packet

VSSEFWDM3542

.75HP,1760RPM,3PH,60HZ,56C,3522M,TEFC,F1

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Part Detail							
Revision:	Q	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3522M	**Elec. Spec:**	35WGP564	**CD Diagram:**	CD0005
Enclosure:	TEFC	**Mfg Plant:**		**Mech. Spec:**	35Z182	**Layout:**	35LYZ182
Frame:	56C	**Mounting:**	F1	**Poles:**	04	**Created Date:**	04-19-2012
Base:	N	**Rotation:**	R	**Insulation:**	H	**Eff. Date:**	02-02-2017
Leads:	9#18					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP1953A01

CAT.NO.	VSSEFWDM3542						
SPEC.	35Z182P564G1						
HP	.75						
VOLTS	230/460						
AMP	2.6/1.3						
RPM	1760						
FRAME	56C	**HZ**	60			**PH**	3
SER.F.	1.15	**CODE**	N	**DES**	B	**CLASS**	H
NEMA-NOM-EFF	84	**PF**	65				
RATING	40C AMB-CONT						
CC						**USABLE AT 208V**	
DE	6205	**ODE**	6205				
ENCL	TEFC	**SN**					

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Parts List

Part Number	Description	Quantity
SA242926	SA 35Z182P564G1	1.000 EA
RA229827	RA 35Z182P564G1	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP1917A09	FREP TEFC 205 BRG NO GRS 4X.125 NPT (SS)	1.000 EA
RM1070A25	O-RING, VITON/FKM .070CS X 6.190ID	1.000 EA
HW4600E99	AXIAL FACE SEAL 76925-9042-0447 SS CASE	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
35PE1916A05	PUEP 56C ENC 205 BRG 4X.125 NPT (SS)	1.000 EA
RM1070A25	O-RING, VITON/FKM .070CS X 6.190ID	1.000 EA
HW4600E99	AXIAL FACE SEAL 76925-9042-0447 SS CASE	1.000 EA
HW4500A33	1/8 NPT STAINLESS,HOLO-KROME #13002,PRES	3.000 EA
RM1070A26	O-RING,4.5MM I.D.X1.5MM C.S. (VITON)	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A39	IEC FH NO GREASER (#304 SS)CLEAN ONLY	1.000 EA
10XN1032S06	HEX HD CAP SCREW, SS	3.000 EA
36GS3008SP	WHITE NEOPREME KO BOX LID GASKET	1.000 EA
35CB4515	35 CB LID #304 STAINLESS STEEL	1.000 EA
59XN0832S07	8/32 X 7/16 HX WS HD SER X	4.000 EA
HW2502D13	SS 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	0.005 QT
MJ5004A37	#76732 LOCTITE ANTISEIZE THRD COMPOUND	0.005 EA
HA5027A02	HA4054 T-DRAIN X2 BAGGED WITH LABEL	1.000 EA

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Parts List (continued)

Part Number	Description	Quantity
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
WD5603A01	KIT, CLOSED-END LEAD SPLICE (18-14GA)	1.000 EA
HA3100S09	THRUBOLT 9.25 LENGTH SS	4.000 EA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA
HA5027A07	85XU1208S08 FACE DRAIN PINS BAGGED	1.000 EA

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AC Induction Motor Performance Data

Record # 35644 - Typical performance - not guaranteed values

Winding: 35WGP564-R002	**Type:** 3522M	**Enclosure:** TEFC

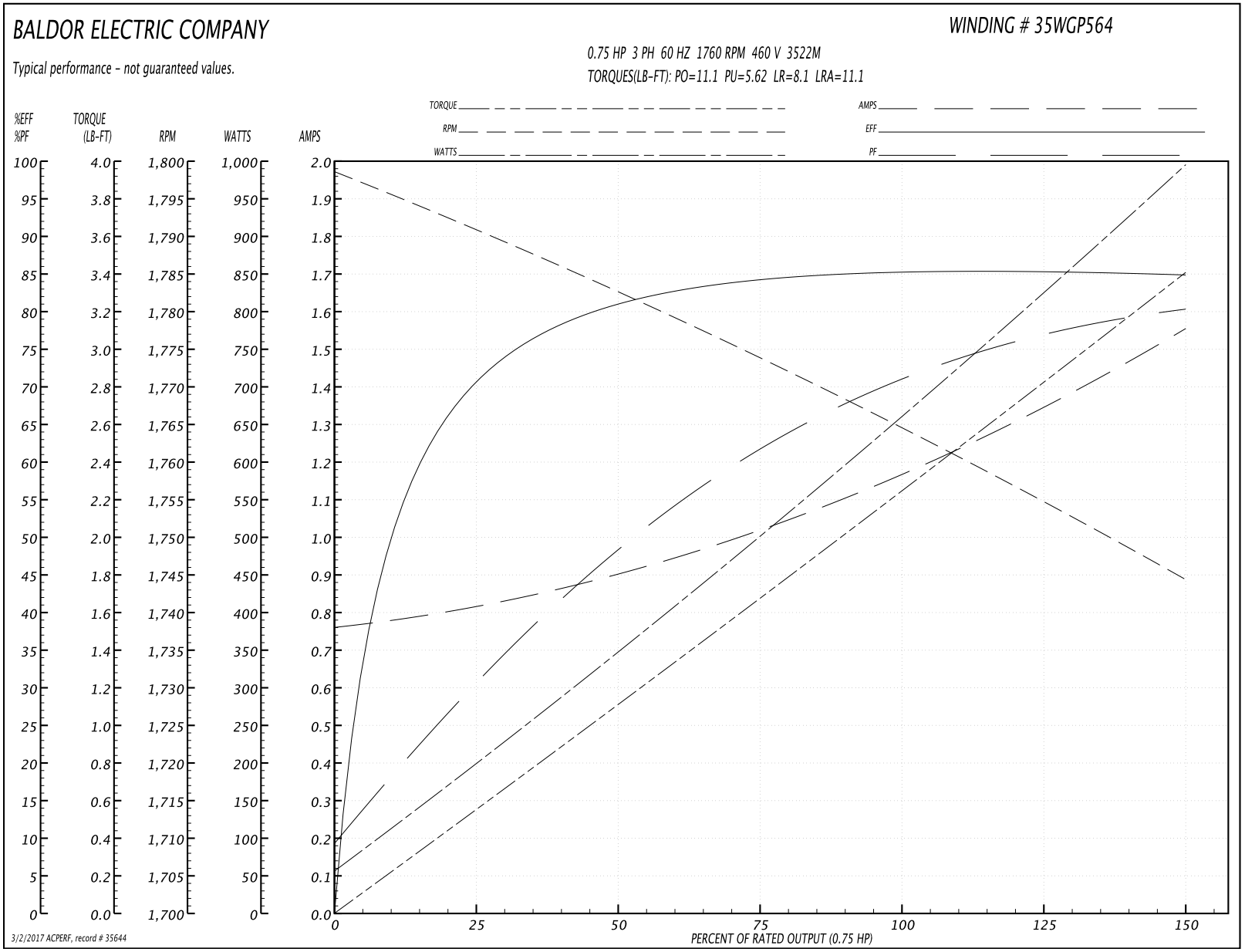
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	2.24 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	2.6/1.3			Breakdown Torque	11.1 LB-FT
R.P.M.	1760			Pull-up Torque	5.62 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	8.1 LB-FT
NEMA Design Code	B	KVA Code	N	Starting Current	11.1 A
Service Factor (S.F.)	1.15			No-load Current	0.774 A
NEMA Nom. Eff.	84	Power Factor	65	Line-line Res. @ 25ºC	16 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	60°C
S.F. Amps	3/1.5			Temp. Rise @ S.F. Load	69°C
				Locked-rotor Power Factor	51.3
				Rotor inertia	0.13 LB-FT2

Load Characteristics 460 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	32	49	62	69	76	81	69
Efficiency	71.7	81	84.4	85.4	85.2	84.9	84
Speed	1790	1782	1774	1765	1755	1744	1752
Line amperes	0.808	0.891	1.01	1.19	1.36	1.54	1.39

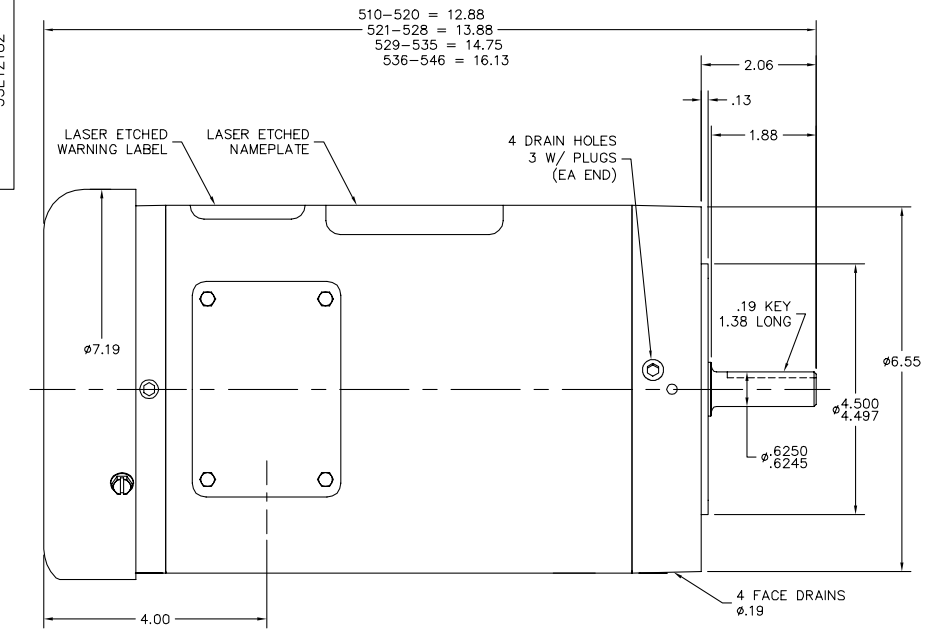
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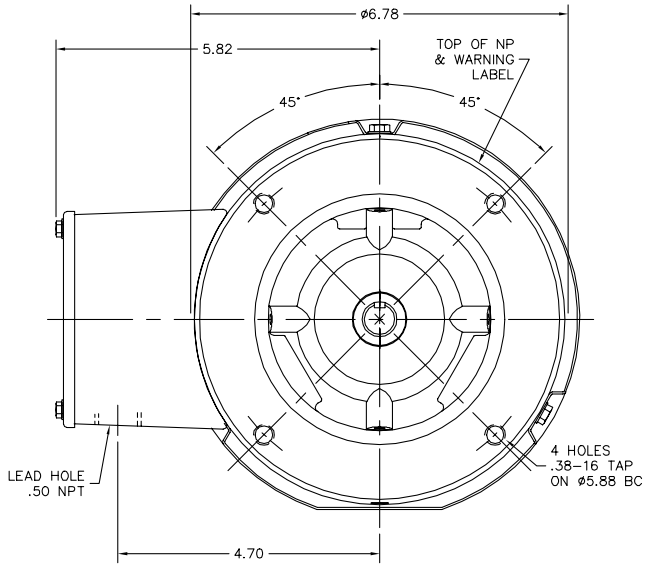
Performance Graph at 460V, 60Hz, 0.75HP Typical performance - Not guaranteed values

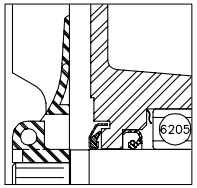


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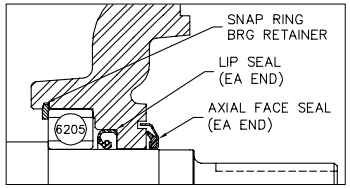
35LYZ182







FRONT END DETAIL



PULLEY END DETAIL

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

REV. DESC: REMOVE THE LASER ETCH CAT # LEADER		
REV. LTR: C	VERSION: 03	TDR: 000000960178
FILE: \AAA\00176\612	REVISED: 09:02:35 01/07/2016	BY: ENALEM0
MTL: –		

BALDOR

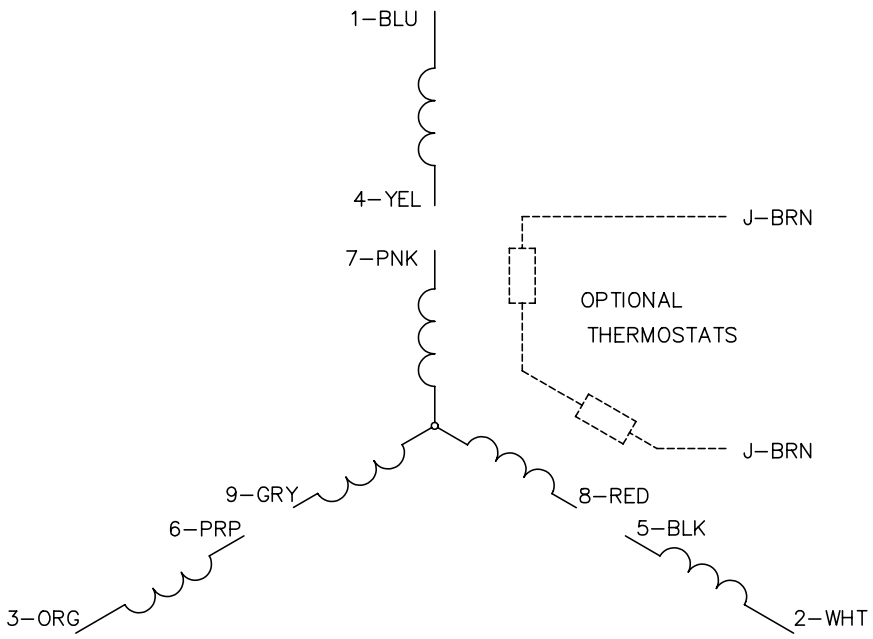
STD VER 56C TEFC M WD10

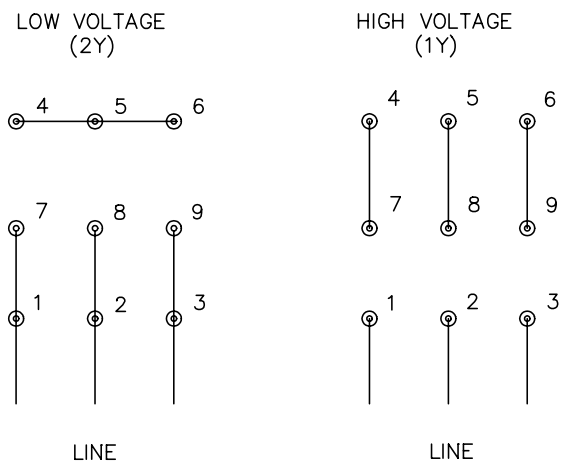
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35LYZ182

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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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