

BALDOR® • *RELIANCE*

Product Information Packet

EGDM2513T

15HP,1765RPM,3PH,60HZ,254TZ,3938M,OPSB,F

Part Detail							
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3938M	Elec. Spec:	39WGW916	CD Diagram:	CD0180
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	39N074	Layout:	39LYN074
Frame:	254TZ	Mounting:	F1	Poles:	04	Created Date:	04-30-2015
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-15-2016
Leads:	9#12 8" from band Y					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3126L										
CAT.NO.	EGDM2513T									
SPEC.	39N074W916G1									
HP	15									
VOLTS	230/460									
AMP	35.4/17.7									
RPM	1765									
FRAME	254TZ				HZ	60			PH	3
SER.F.	1.15		CODE	G	DES	B		CL	F	
NEMA-NOM-EFF	93		PF	86						
RATING	40C AMB-CONT									
CC	010A				USABLE AT 208V			37.4		
DE	6309				ODE	6208				
ENCL	OPSB		SN							

Parts List		
Part Number	Description	Quantity
SA300331	SA 39N074W916G1	1.000 EA
RA287381	RA 39N074W916G1	1.000 EA
S/P107-000-005	SUPER-E PROC'S(254/6 FR.) ZK PLANT - POL	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME ZINC	2.000 EA
HA6016	ADAPTER, CAST CONDUIT BOX	1.000 EA
09CB3000SP	CONDUIT BOX CAST	1.000 EA
10XN2520K12	1/4-20 X.75 GRD 5	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B17	T&B CX35TN TERMINAL	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
39EP3200A06	FR ENDPLATE, 208 BRG., NO GREASER	1.000 EA
HA1101A01	RODENT SCREEN, 39 MTR	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	4.000 EA
HW5100A08	W3118-035 WVY WSHR (WB)	1.000 EA
39EP3201A14	PU ENDPLATE, MACH	1.000 EA
HA1101A01	RODENT SCREEN, 39 MTR	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	4.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
09CB3500SP	CONDUIT BOX LID, CAST	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.030 LB

Parts List (continued)		
Part Number	Description	Quantity
39AD2002A01	BAFFLE PLATE 39 OPEN, SLOTTED BAND MTRS	1.000 EA
HA3154A09	TB STUD 3/8-16 X 16.25	4.000 EA
MG1025C02	WILKOFAST SG, 787.105, TAN	0.050 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0181	CONNECTION LABEL	1.000 EA
NP3126L	ALUM FARM DUTY SUPER-E UL CSA-EEV PREM	1.000 EA
39PA1000	PACKAGING GROUP 39 PRINT	1.000 EA

AC Induction Motor Performance Data

Record # 12993 - Typical performance - not guaranteed values

Winding: 39WGW916-R001

Type: 3938M

Enclosure: OPSB

Nameplate Data

Rated Output (HP)	15
Volts	230/460
Full Load Amps	35.4/17.7
R.P.M.	1765
Hz	60
NEMA Design Code	B
Service Factor (S.F.)	1.15
NEMA Nom. Eff.	93
Rating - Duty	40C AMB-CONT
S.F. Amps	

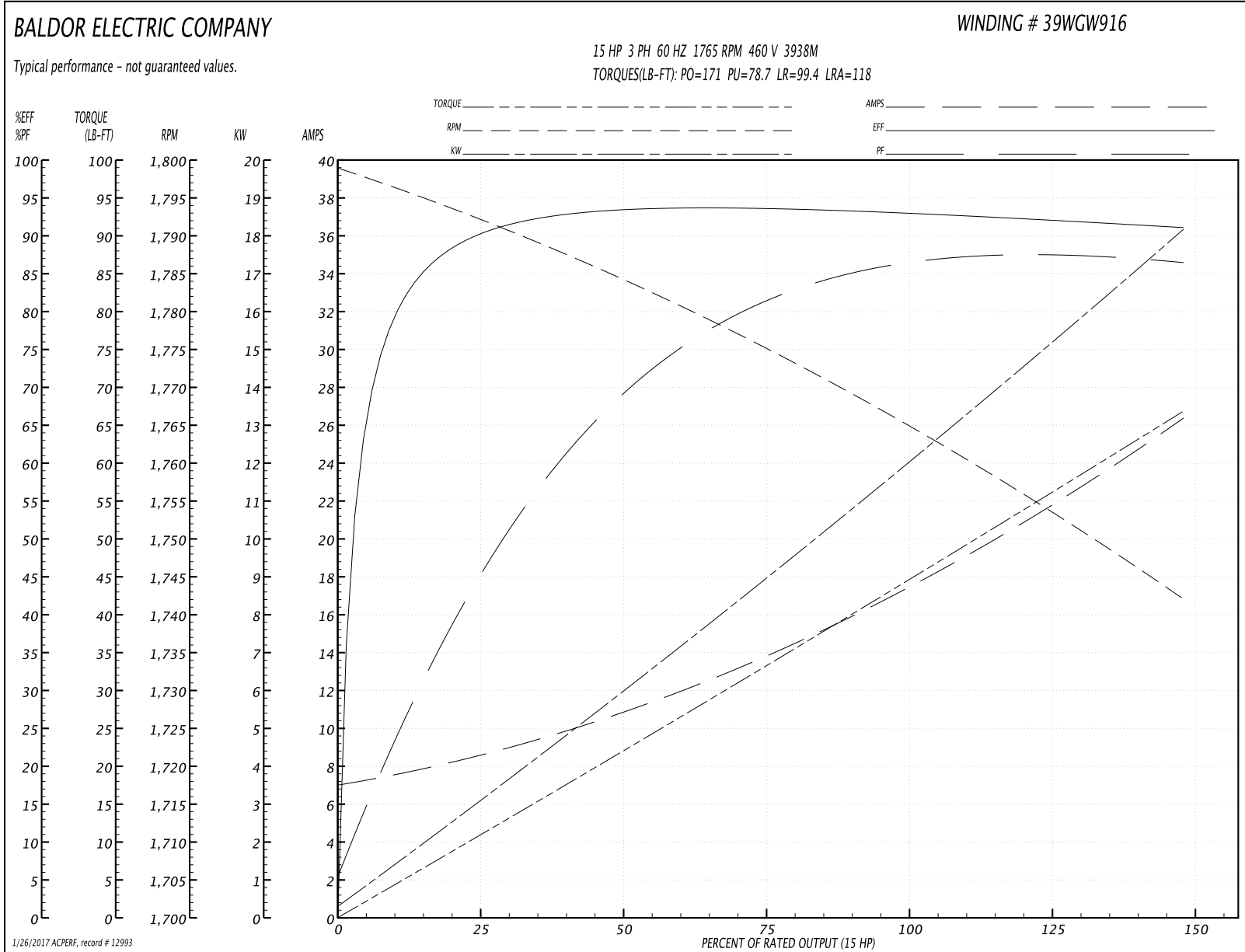
460 V, 60 Hz:
High Voltage Connection

Full Load Torque	44.6 LB-FT
Start Configuration	direct on line
Breakdown Torque	171 LB-FT
Pull-up Torque	78.7 LB-FT
Locked-rotor Torque	99.4 LB-FT
Starting Current	118 A
No-load Current	7.27 A
Line-line Res. @ 25°C	0.622 Ω
Temp. Rise @ Rated Load	22°C
Temp. Rise @ S.F. Load	29°C
Locked-rotor Power Factor	35
Rotor inertia	1.66 LB-FT ²

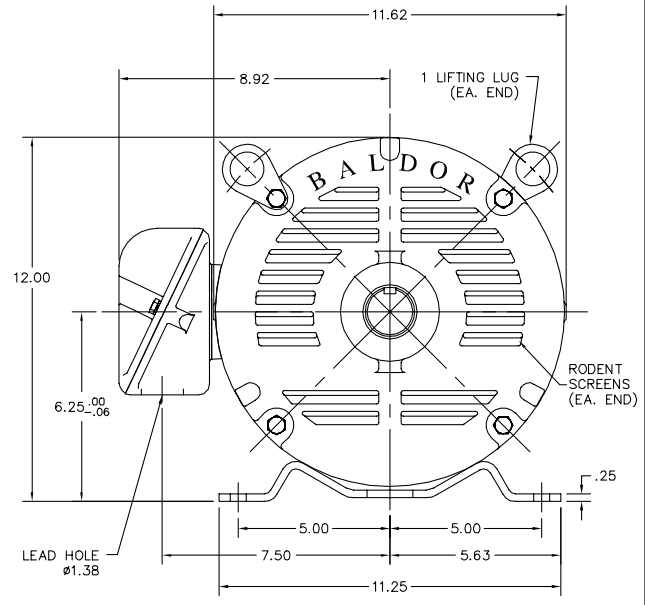
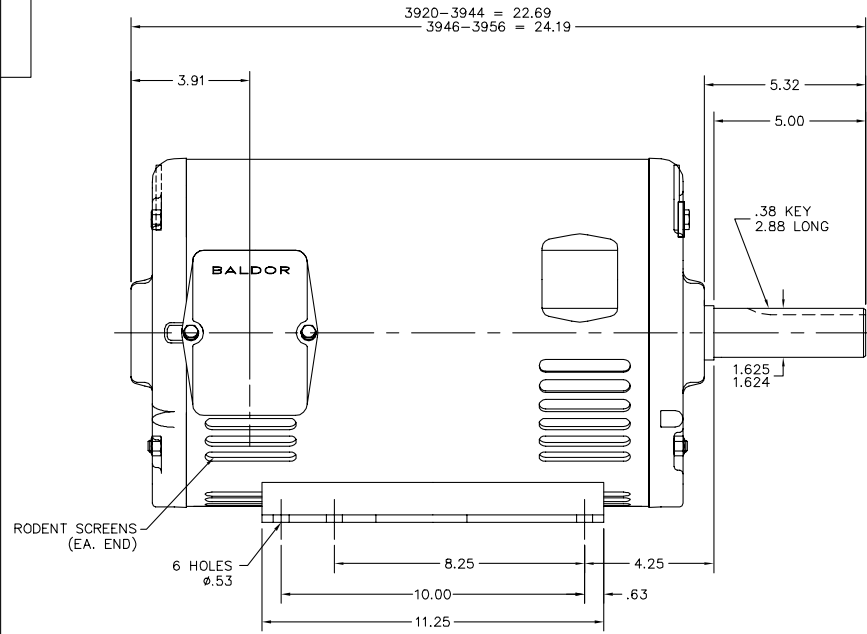
Load Characteristics 460 V, 60 Hz, 15 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	47	70	81	86	88	89	87
Efficiency	90.1	93.3	93.5	93.1	92.2	91	92.6
Speed	1792	1784	1775	1765	1754	1742	1759
Line amperes	8.27	10.72	13.99	17.67	21.74	26.21	20.11

Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values



39LYN074



39LYN074

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

REV. DESC: REVISE LAYOUT TO SHOW NEW LOC. OF NP	VERSION: 01	TDR: 000000507956
REV. LTR: A	REVISD: 08:31:10 08/07/2009	BY: ENGREHO
FILE: \AAA\00066\197		
MTL: -		

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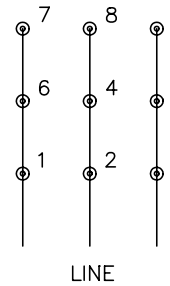
HORZ OPSB 254-6TZ W/ SCREENS, SEALED BRGS, V=5.00

SH 1 of 1

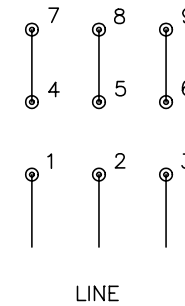
CD0180



LOW VOLTAGE
(2D)



HIGH VOLTAGE
(1D)



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: C	BY: JLP	REVISED: 01/21/99 2:28	TDR: 0171435
0810D0		FILE: AAA00005148	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS, DELTA CONNECTION

CD0180