

BALDOR® • RELIANCE

Product Information Packet

GC25007

.1/.12HP,1350RPM,1PH,50/60HZ,K-1,2520C

Part Detail							
Revision:	AA	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	2520C	Elec. Spec:	25WGW217	CD Diagram:	CD1018
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	25E259W217G1
Frame:	K	Mounting:		Poles:	04	Created Date:	
Base:		Rotation:	R	Insulation:	F	Eff. Date:	01-17-2017
Leads:	3#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1220A05

CAT.NO.	GC25007		
SER.NO			
SPEC.	25E259W217G1		
HP	.1/.12	TE	
VOLTS	110//115		
AMP	1.48//1.36		
HZ	50//60	PH	1
AMB.	40	DUTY	CONT
CAP	20	CODE	-
SER.F.	1.00	CLASS	F
SF AMP	*		
R.P.M.	69//82		
TORQ//IN LB	57		
RATIO	20:1		
APRV-CE		APRV-CSA	
		APRV-UL	

Parts List		
Part Number	Description	Quantity
SA060028	SA 25E259W217G1	1.000 EA
RA054378	RA 25E259W217G1	1.000 EA
SR000433	SR 25E259W217G1	1.000 EA
OC4020A02	DRY FILM METALLIZED CAP,20MFD 250V	1.000 EA
LC0895	CONN.DIAGRAM 1PH,SINGLE VOLT,TYPE PSC	1.000 EA
25EP3100A08G	EP,25AC DE CL 60R8 RA 2.375 BC	1.000 EA
HW5002A44	N5002-112 RET RING INTERNBEVELED F/6001	1.000 EA
HW4600G69	SEAL .500 X 1.125 X .25, SGL LIP FT802	1.000 EA
HA3170A23	THRUBOLT,FLAT HD. #8-32 THDS X 5.625 LON	2.000 EA
BFN3712	FAN,PM MOTOR STYLE R	1.000 EA
25FH4005G	COVER,FAN 25 AC NOTCH FOR C.B. & FOR BAS	1.000 EA
MJ5005A02	DYNA-WEIGHT COMPOUND BAL-1-FS,16#/KIT,	0.010 LB
24CB3000AZYT	MODEL 24 KENCO, A ZYTEL HTNFR52G30BL	1.000 EA
51XT0832G05	SCREW,HEX HD 8-32 X 5/16 GRN.	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	4.000 EA
HG0048A01G	HSG,K EX	1.000 EA
BG6203A01	6203 OPEN,C3,SLUSH	1.000 EA
HW5002A51	RET RING N5002 - 156 (WALDES) BEVELED 40	1.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
60XM0832A10	SCREW, PAN TORX 8-32X.625 THREAD FORMING	4.000 EA
HW4600G59	SEAL,.625" X .875" VITON VT802	1.000 EA
RM1056	RUBBER SQUARE RING 2.739 I.D.	1.000 EA
60XM0832A10	SCREW, PAN TORX 8-32X.625 THREAD FORMING	4.000 EA
BCG5494-002G	CAP,K BOX GEARHOUSING, MACH'D W/ GRAY	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
RM1056	RUBBER SQUARE RING 2.739 I.D.	1.000 EA
HA1194B01	BLADDER,CJK EXPANSION	1.000 EA
15XM0632A06	SCREW, 6-32X .375, THREAD FORMING	3.000 EA
BCG5494-001G	CAP, "K" BOX GEARHOUSING, MACH'D	1.000 EA
19XN1032A09	SCREW, HEX WASHER HEAD, #10-32 X .563 W/	2.000 EA
RM1057	RUBBER SQUARE RING 1.424 I.D.	1.000 EA
19XN1032A12	SCREW, HEX WASHER HEAD, #10-32 X .750	2.000 EA
BMH1910	KEY 3/16X3/16X1 1/8 AUTO X	1.000 EA
XY0632A05	NUT, #6-32 SELF LOCKING	2.000 EA
XY0632A04	NUT, #6-32 ACORN, HIGH CROWN	1.000 EA
24CB3500BZYT	CB LID - 24 NO LOGO, ZYTEL HTNFR52G30BL	1.000 EA
15XP0619A08	#6-19X1/2 PAN HD PHILLIPS PLASTITE 48-2	4.000 EA
25EP2101A18G	EP,25AC ODE CL NONE 0.500 SHAFT EXIT	1.000 EA
HW5109A08	WASHER, WAVE SPRING FOR 30MM BORE SMALLE	1.000 EA
MJ5019A01	ADHESIVE LOCTITE #680 WAS BAD4525	0.010 EA
HA4021A05	1/16 NPSF-HX SOC PIPE PLUG TAPER DRY SEA	1.000 EA
MJ1000B02	KLUB. GH6-460 GEAR OIL 1 GALLON	0.024 GA
WM0054A02	WORM,K 20.0 INP	1.000 EA
NP1220A05	NP,AC STD AD NONE V CE CSA UL GEAR MOTOR	1.000 EA
ME4000	.375-.75" DIA.#SW-04 WOVEN SHAFT PROTECT	0.660 FT
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA
LB1451	WARNING LABEL, CE WARNING SYMBOLS ONLY	1.000 EA
CPA1000	PACKING GROUP STD. SINGLE	1.000 EA
MG2000A14	RUST VETO 342 RUST INHIBITOR	0.001 GA

AC Induction Motor Performance Data

Record # 18925 - Typical performance - not guaranteed values

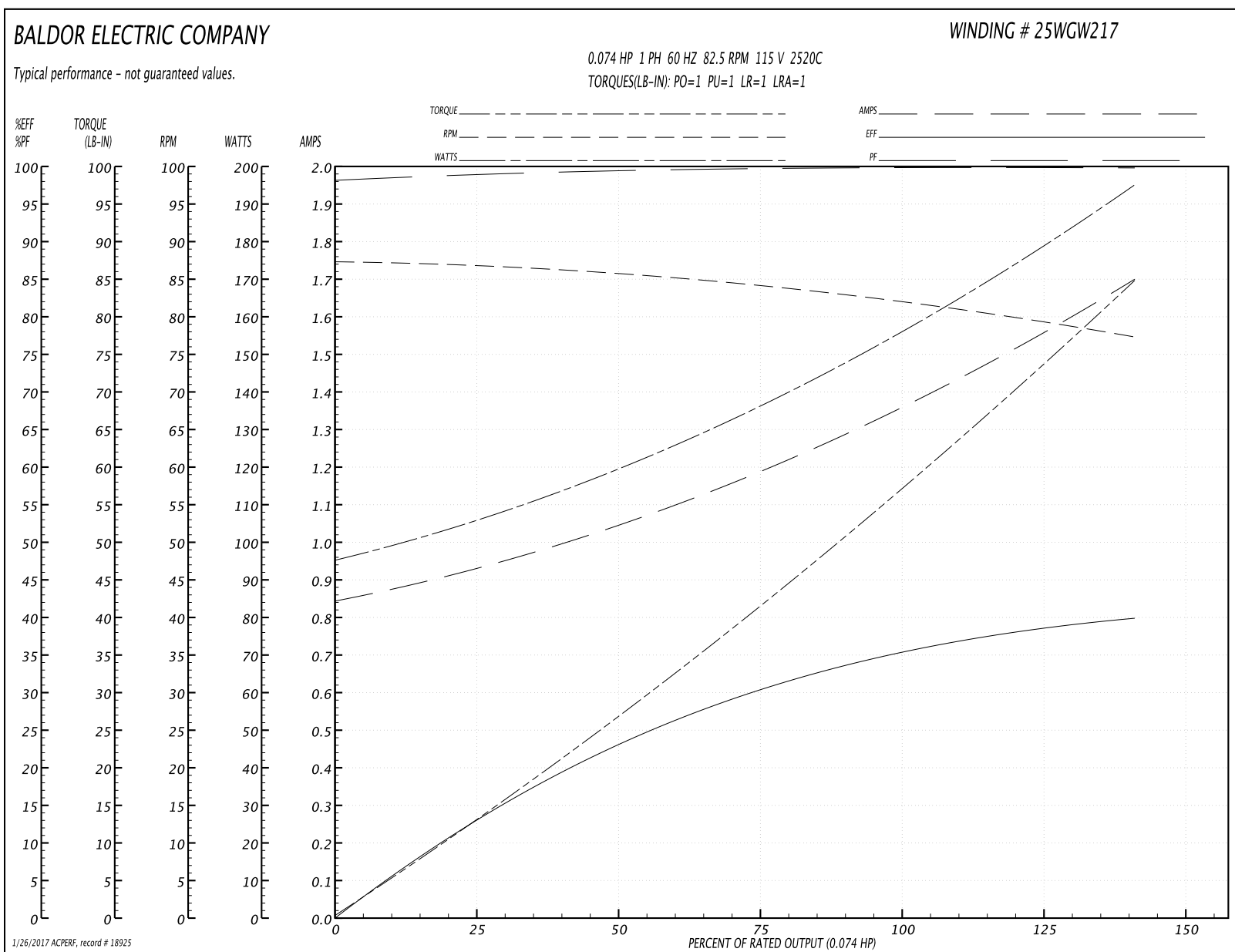
Winding: 25WGW217-R001 Gear Type: RIGHTANGLE	Type: 2520C Gear Style: K	Enclosure: TEFC Gear Ratio: 20:1
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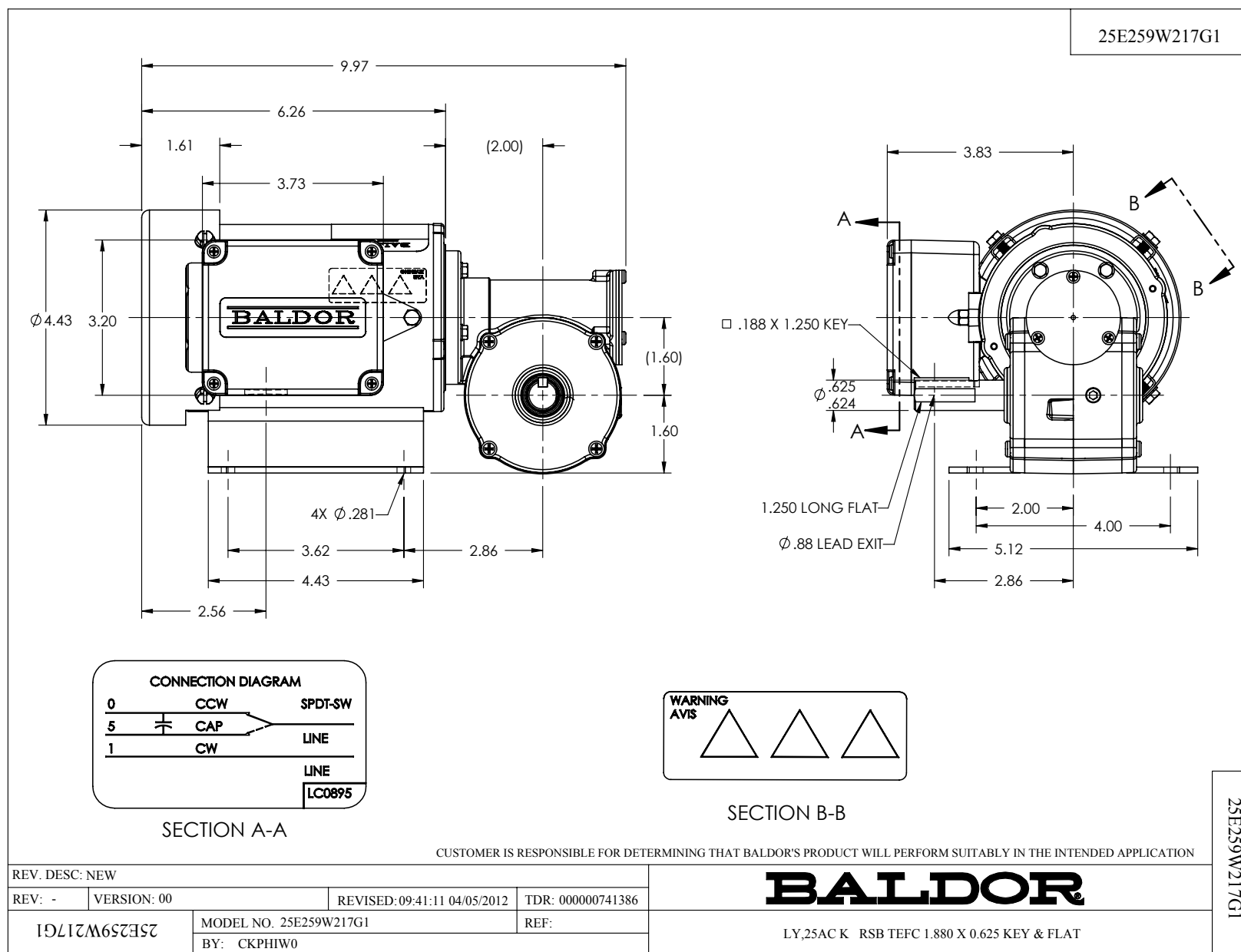
Nameplate Data				115 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	.1//.12			Full Load Torque	56.9 LB-IN
Volts	115			Start Configuration	direct on line
Full Load Amps	1.38			Breakdown Torque	1 LB-IN
R.P.M.	82.5			Pull-up Torque	1 LB-IN
Hz	60	Phase	1	Locked-rotor Torque	1 LB-IN
NEMA Design Code	-	KVA Code	-	Starting Current	1 A
Service Factor (S.F.)	1.2			No-load Current	0.83 A
NEMA Nom. Eff.	0	Power Factor	0	Line-line Res. @ 25°C	10.228 Ω A Ph 10.227 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	
S.F. Amps	1.65//1.58			Temp. Rise @ S.F. Load	

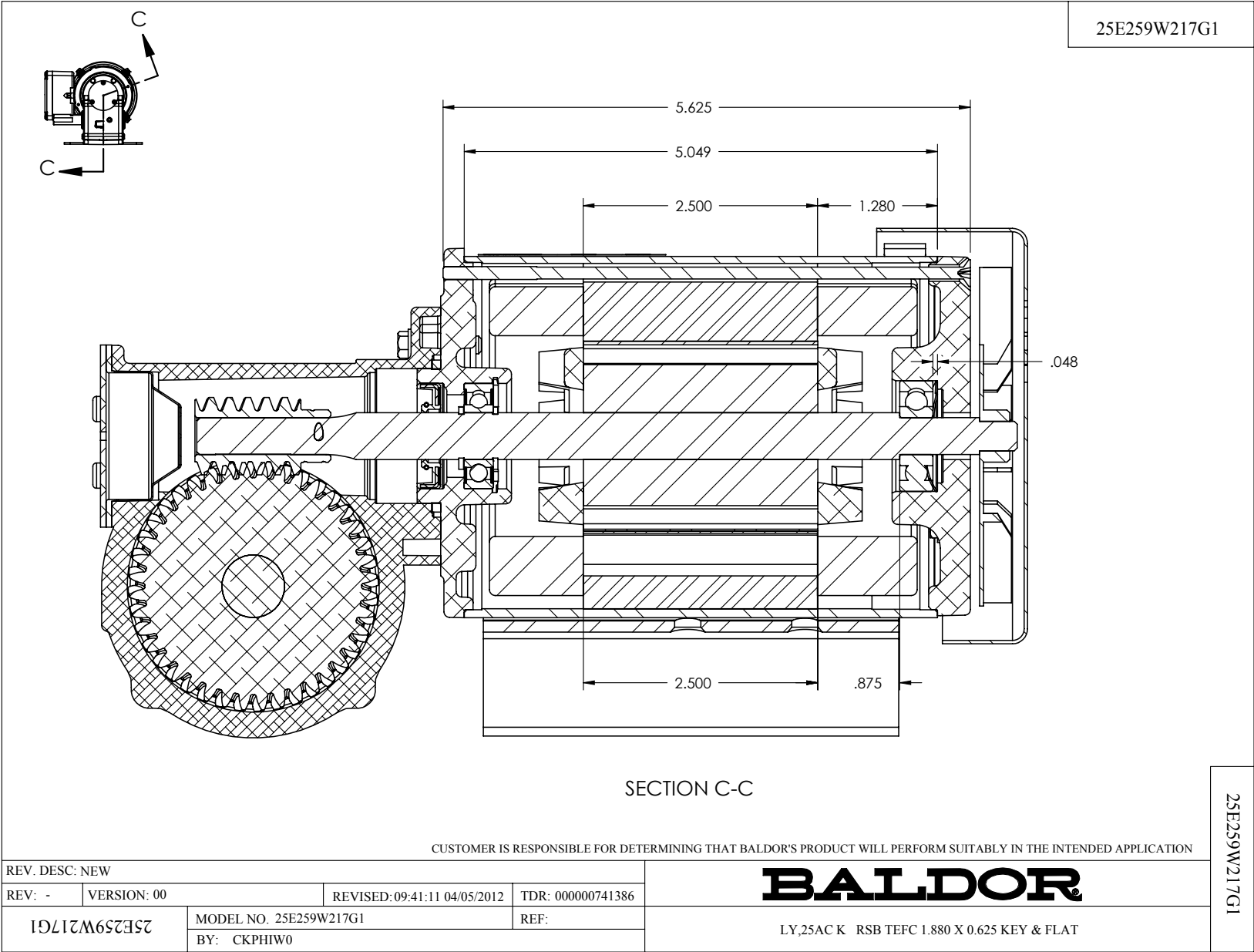
Load Characteristics 115 V, 60 Hz, 0.074 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	99	100	99	100	101	99	101
Efficiency	13.5	23.5	30.9	35.5	39.1	39.4	38.4
Speed	86.6	85.4	84	82.2	80	77	80
Line amperes	0.95	1.07	1.2	1.36	1.49	1.73	1.46

Performance Graph at 115V, 60Hz, 0.074HP Typical performance - Not guaranteed values







ITEM NO.	PART NUMBER	QTY.
1	25EP3100A08	1
2	HW4600E07	1
3	BG6R8	1
4	HW5002A44	1
5	25SH1014D01	1
6	25RC2020A00	1
7	SKF - 6200 - 8,DE,NC,8_68	1
8	HW5060A27	2
9	WM0054A02	1
10	HW3081C06	1
11	25SB0016D02	1
12	24CB3000A	1
13	XY0632A04	1
14	XY0632A05	2
15	24CB3500A	1
16	15XP0619A08	4
17	25EP2101A18	1
18	HW5109A08	1
19	51XT0832G05	1
20	HA3170A23	2
21	BFN3712	1
22	25FH4005	1
23	51XB1016A08	4
24	RM1057	1
25	HG0048A01	1
26	HA4021A05	1
27	19XN1032A09	2
28	19XN1032A12	2
29	HA1194B01	1
30	15XM0632A06	3
31	BCG5494-001	1
32	SKF - 6203 - 10,DE,NC,10_68	2
33	HW5002A51	1
34	HW4600D29	1
35	RM1056	2
36	15XM0832A10	8
37	BCG5494-002	1
38	HW5100A03	1
39	GE0058A05	1
40	HA2250	1
41	BMH1910	1
42	NP1220 25AC RSB	1
43	LC0895	1
44	LB1451	1

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

REV. DESC: NEW			
REV: -	VERSION: 00	REVISED: 09:41:11 04/05/2012	TDR: 000000741386
25E259W217G1		MODEL NO. 25E259W217G1	REF:
		BY: CKPHIW0	

BALDOR

LY,25AC K RSB TEFC 1.880 X 0.625 KEY & FLAT

25E259W217G1

25E259W217G1

