

BALDOR® • RELIANCE

Product Information Packet

CEM7063T

25//20HP,3520//2930RPM,3PH,60//50HZ,284T

Part Detail							
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	1038M	Elec. Spec:	10WGY777	CD Diagram:	
Enclosure:	XPFC	Mfg Plant:		Mech. Spec:	10E459	Layout:	
Frame:	284TSC	Mounting:	F1	Poles:	02	Created Date:	06-10-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-18-2010
Leads:	9#10	Literature:		Elec. Diagram:		Replaced By:	
Nameplate NP1426XP							
NO.		CC		010A			
SER.							
SPEC.	10E459Y777G1						
CAT.NO.	CEM7063T						
HP	25//20	T. CODE		T3C			
VOLTS	230/460//190/380						
AMPS	57/28.5//56/28						
RPM	3520//2930						
HZ	60//50	PH		3	CL	F	
SER.F.	1.00	DES		B	CODE	G	
RATING	40C AMB-CONT						
FRAME	284TSC	NEMA-NOM-EFF		91.7	PF	89	
USABLE AT 208V							

Parts List		
Part Number	Description	Quantity
SA198376	SA 10E459Y777G1	1.000 EA
RA185744	RA 10E459Y777G1	1.000 EA
37FN3002C03	EXFN, PLASTIC, 6.00 OD, 1.690 ID	1.000 EA
12CB1001A02	K.O.BOX, MACH X-PROOF; 1.25 NPT HOLE	1.000 EA
10XN3118K16	5/16-18 X 1" GRADE #5, STL, ZINC PLATE	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
WD1000B16	LUGSDIRECT WIRE LUG, CAT # S4	1.000 EA
10XN2520K06	1/4-20 X 3/8" HX HD SCREWGRADE 5, ZINC P	1.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	1.000 EA
10EP1701A01	FR ENDPLATE, MACH	1.000 EA
HA3050A03	3/8-16 X 2.25" GRADE 8 BOLT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
HW5100A11	W3917-042 WVY WSHR (WB)	1.000 EA
10XN2520K40	1/4-20 X 2-1/2 HEX HD CAPSCREW, GRADE 5, Z	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
10EP1710A07	FACE MTD. E.P., MACH X-PROOF W/LABYRINTH	1.000 EA
HA3050A03	3/8-16 X 2.25" GRADE 8 BOLT	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
10FH1008A01	310 FAN HOUSING X-PROOF MACH.	1.000 EA
10XN3118K12	5/16-18 X .75 GRADE 5, ZINC PLATED	3.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	3.000 EA
12CB1501A01	COND.BOX LID, MACH., X-PROOF, 310,312	1.000 EA
10XN3816K20	3/8-16 X 1.25 HEX HD CAP GRADE 5	6.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	6.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501G17	KEY, 3/8 SQ X 1.875	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.130 LB
HW4500A20	1/8NPT SL PIPE PLUG	2.000 EA
HW2500A25	WOODRUFF KEY USA #1008 #BLOW CARBON STEE	1.000 EA
51XB1214A20	12-14X1.25 HWSSLD SERTYB	1.000 EA
MG1025G05	PAINT 789.201 (WILCO) DARK GRAY METALLIC	0.070 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	6.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LC0181	CONNECTION LABEL	1.000 EA
NP1426XP	UL/CSA, CLI GP-D,CLII GP-F&G,CC	1.000 EA
12PA1000	PACKAGING GROUP COMBINED PRINT PK1024A06	1.000 EA

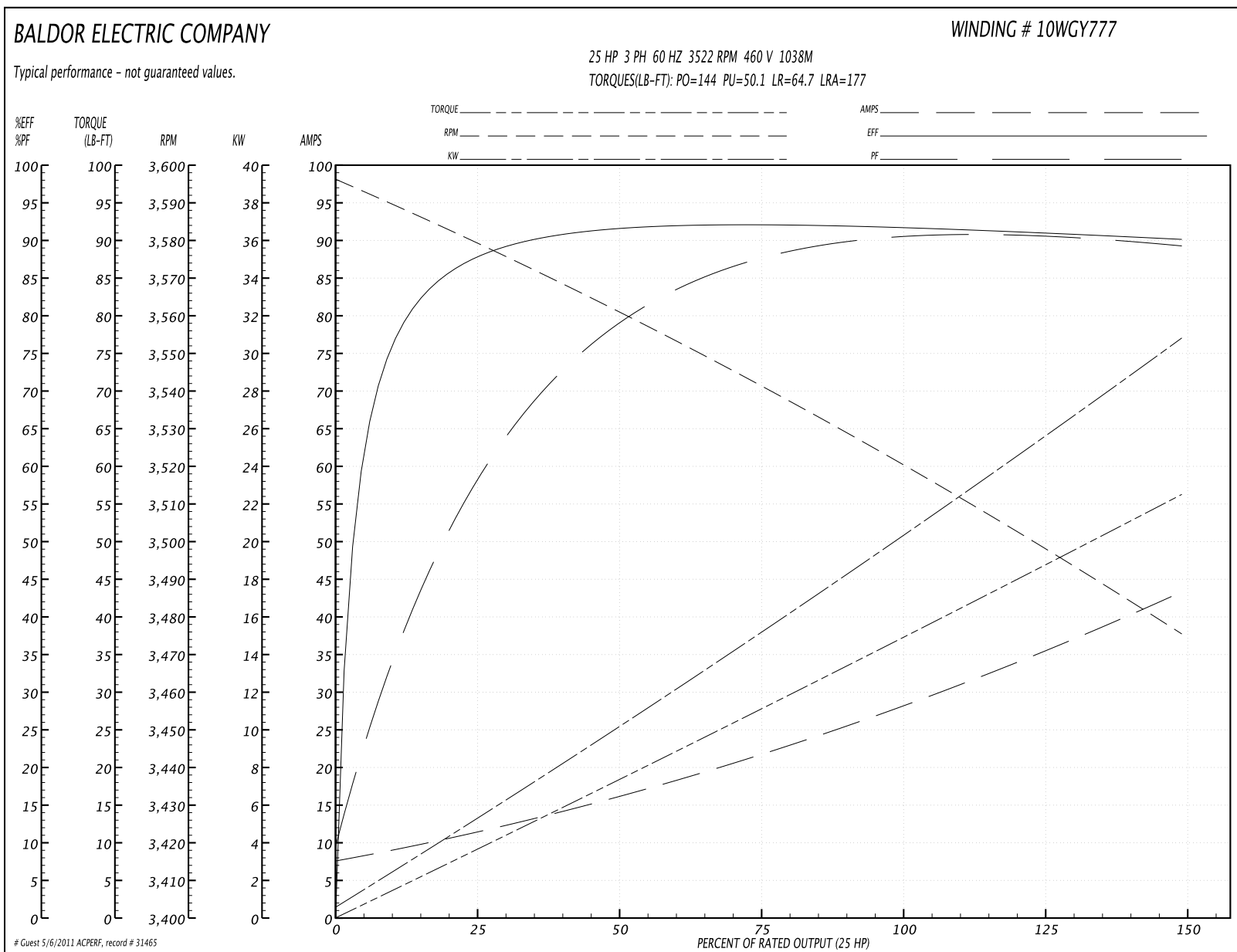
Performance Data at 460V, 60Hz, 25.0HP (Typical performance - Not guaranteed values)
General Characteristics

Full Load Torque:	37.4 LB-FT	Start Configuration:	DOL
No-Load Current:	8.07 Amps	Break-Down Torque:	144.0 LB-FT
Line-line Res. @ 25°C.:	0.294 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	50.1 LB-FT
Temp. Rise @ Rated Load:	57 C	Locked-Rotor Torque:	64.7 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	177.0 Amps

Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	61.0	80.0	87.0	89.0	90.0	90.0	0.0
Efficiency:	87.5	91.5	91.7	91.9	91.1	90.0	0.0
Speed:	3576.0	3561.0	3543.0	3522.0	3499.0	3474.0	0.0
Line Amperes:	10.6	15.7	21.7	28.6	35.6	43.1	0.0

Performance Graph at 460V, 60Hz, 25.0HP Typical performance - Not guaranteed values



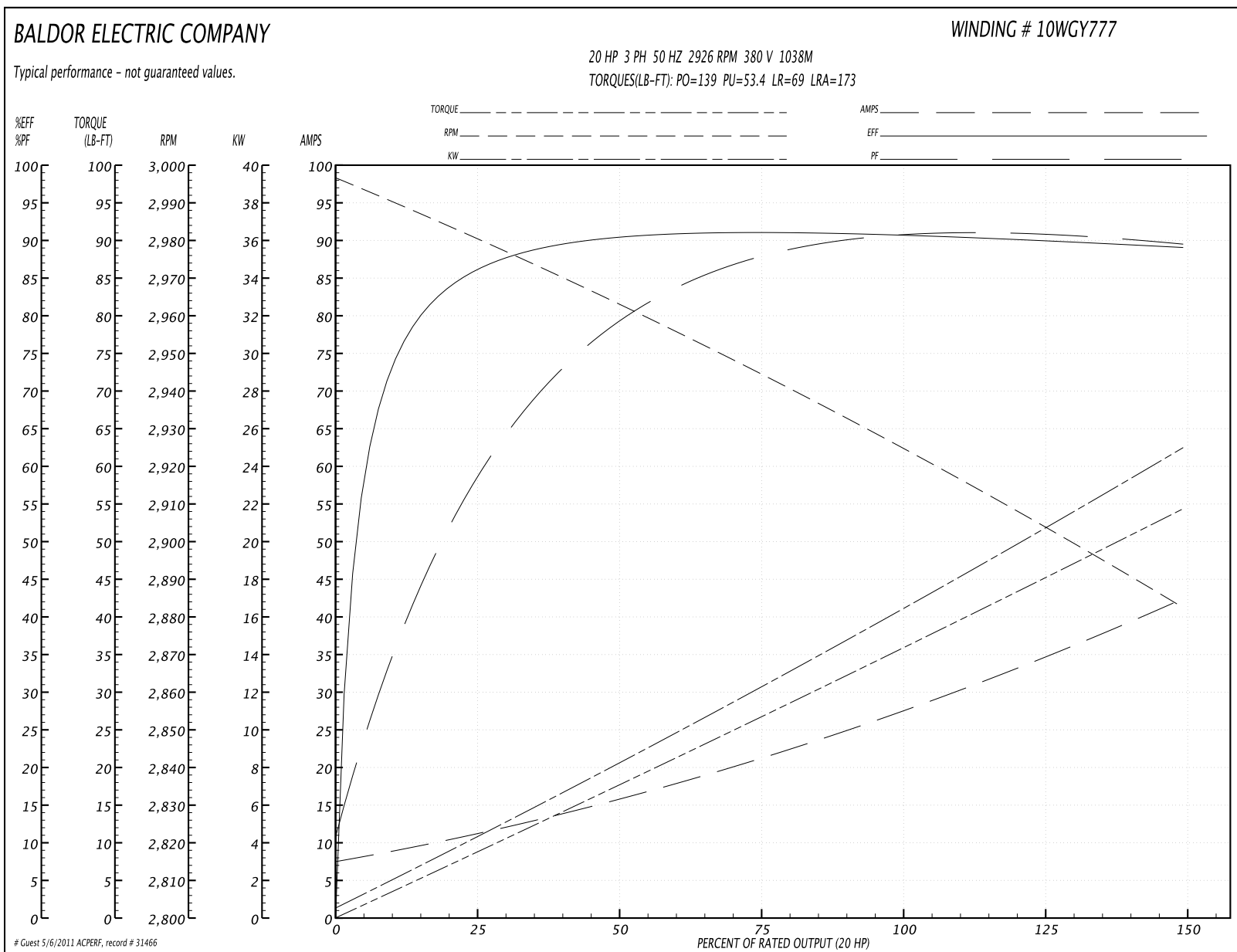
Performance Data at 380V, 50Hz, 20.0HP (Typical performance - Not guaranteed values)**General Characteristics**

Full Load Torque:	36.0 LB-FT	Start Configuration:	DOL
No-Load Current:	7.96 Amps	Break-Down Torque:	139.0 LB-FT
Line-line Res. @ 25°C.:	0.294 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	53.4 LB-FT
Temp. Rise @ Rated Load:	55 C	Locked-Rotor Torque:	69.0 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	173.0 Amps

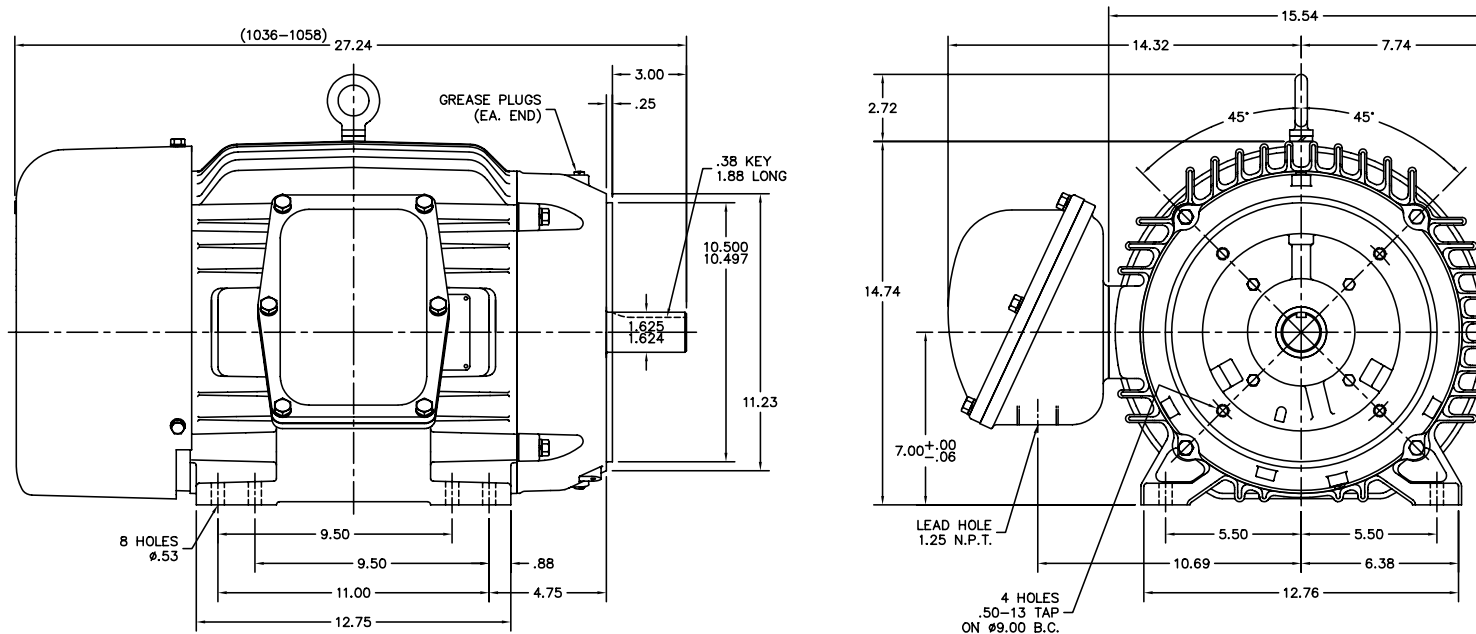
Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	61.0	80.0	87.0	90.0	90.0	90.0	0.0
Efficiency:	85.6	90.2	90.8	91.0	90.0	89.0	0.0
Speed:	2978.0	2963.0	2946.0	2926.0	2905.0	2881.0	0.0
Line Amperes:	10.4	15.3	21.2	27.9	34.8	42.2	0.0

Performance Graph at 380V, 50Hz, 20.0HP Typical performance - Not guaranteed values



10LYE459



CUST. NAME	CUST. P.O.	CERTIFIED BY	MODEL	INSUL	AMB
H.P.	MTG	TYPE	R.P.M.	VOLTS	ENCL
REV. DESC:	10EP1710A07 WAS 10EP1710A02				
REV. LTR:	C	BY: DLS	REVISED: 05/12/00 9:45	TDR: 0206963	
FILE:	AAA00049583		MDL: -		
MTL: -					

BALDOR ELECTRIC Co.

STD HORZ XPFC 284-6TSC CL.I,GP.D;CL.II,GP.F&G

10LYE459

