

BALDOR® • RELIANCE

Product Information Packet

ASM7510

10HP,3450RPM,3PH,60HZ,7535M,TEFC,F1

Part Detail							
Revision:	S	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	7535M	Elec. Spec:	07WG5029	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	7-2000	Layout:	07LY2000
Frame:		Mounting:	F1	Poles:	02	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	02-28-2014
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1264L									
CAT.NO.	ASM7510								
SPEC.	7-2000-5029								
HP	10 SAW DUTY								
VOLTS	230/460								
AMP	24/12								
RPM	3450								
FRAME		HZ	60	PH	3				
SER.F.	1.00	CODE	F	DES	B	CL	B		
NEMA-NOM-EFF		PF							
RATING	40C AMB-CONT								
CC		USABLE AT 208V	26						
DE	5211	ODE	6206						
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA080466	SA 7-2000-5029	1.000 EA
RA073867	RA 7-2000-5029	1.000 EA
28CB1000A01	CONDUIT BOX MACH	1.000 EA
30GS1002	GASKET, CONDUIT BOX	1.000 EA
10XN2520A16	1/4-20 X 1 HEX HEAD CAP SCR, ZINC PLATED	2.000 EA
HW1003A25	WASHER, 1/4 EX TH LK, ZN X	2.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW1003A25	WASHER, 1/4 EX TH LK, ZN X	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
07EP1107A01	FR ENDPLATE, MACH	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
84XN3118J44	5/16-18UNC X 2.75 LG. SOC HD CAP SCR,BLK	4.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	4.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
07EP1104A03	PU ENDPLATE, MACH	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
84XN2520J32	SCREW, 1/4-20 X 2", SHC, AS	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
84XN3118J40	5/16-18UNC X 2.50 LG. SOC HD CAP SCR,BLK	4.000 EA
HW1003A31	WASHER,5/16 EX TH LK, ZN X	4.000 EA
35FN2000A07SP	EXFN, ALUM, 5.75 OD, 1.182 ID	1.000 EA
80XN2520A06	1/4-20 X 3/8 SET SCREW	1.000 EA
37FH4500A03SP	FAN COVER, AUTOPHERETIC PRIMER	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
51XN1032A06	10-32 X .38 HEX SLOTTED SERRATED WASHER	4.000 EA
28CB1500A01	CONDUIT BOX LID MACH	1.000 EA
30GS1005	GASKET, CONDUIT BOX LID	1.000 EA
84XN2520J12	1/4-20 X 3/4 SOC.HD CAP SCR	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
HW2500A21	KEY, USA #807, WOODRUFF	1.000 EA
WD4100A13	PLUG, N.P.#277 (NIAGARA)	1.000 EA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.021 GA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
NP1264L	STD NP ALUM, W/O THERMAL W/O CSA OR UL	1.000 EA
37PA1052	PALLET PACK GRP, 150 LB MTR 2 X 4 RUNNER	1.000 EA
PK3085X	FOAM SHAFT SUPPORT PRECUT 4-1/4 X 6-3/4	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA

AC Induction Motor Performance Data

Record # 36485 - Typical performance - not guaranteed values

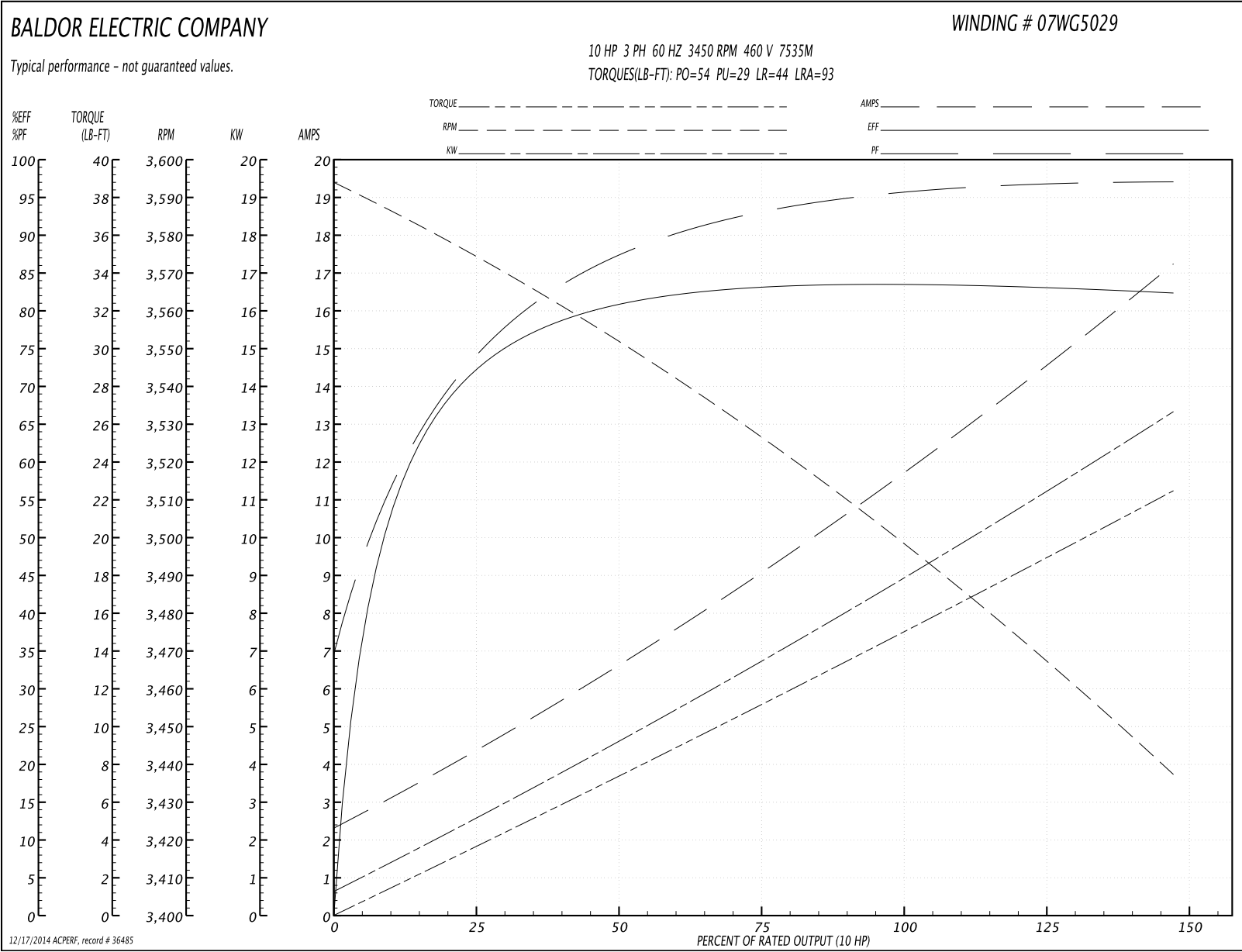
Winding: 07WG5029-R003	Type: 7535M	Enclosure: TEFC
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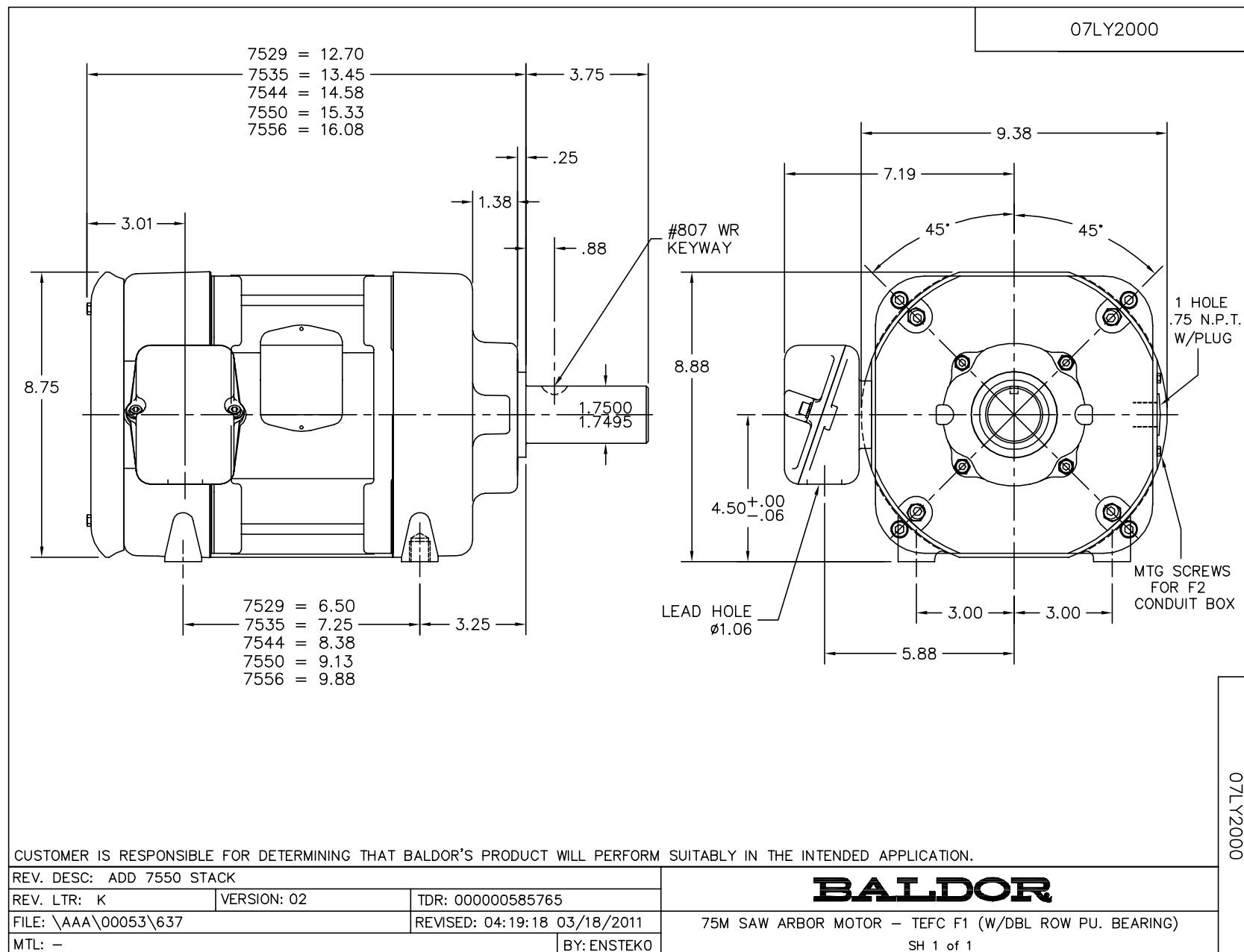
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	10 SAW DUTY			Full Load Torque	15 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	24/12			Breakdown Torque	54 LB-FT
R.P.M.	3450			Pull-up Torque	29 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	44 LB-FT
NEMA Design Code	B	KVA Code	F	Starting Current	93 A
Service Factor (S.F.)	1			No-load Current	2.4 A
NEMA Nom. Eff.	0	Power Factor	0	Line-line Res. @ 25°C	1.45 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	
				Rotor inertia	0.326 LF ²

Load Characteristics 460 V, 60 Hz, 10 HP

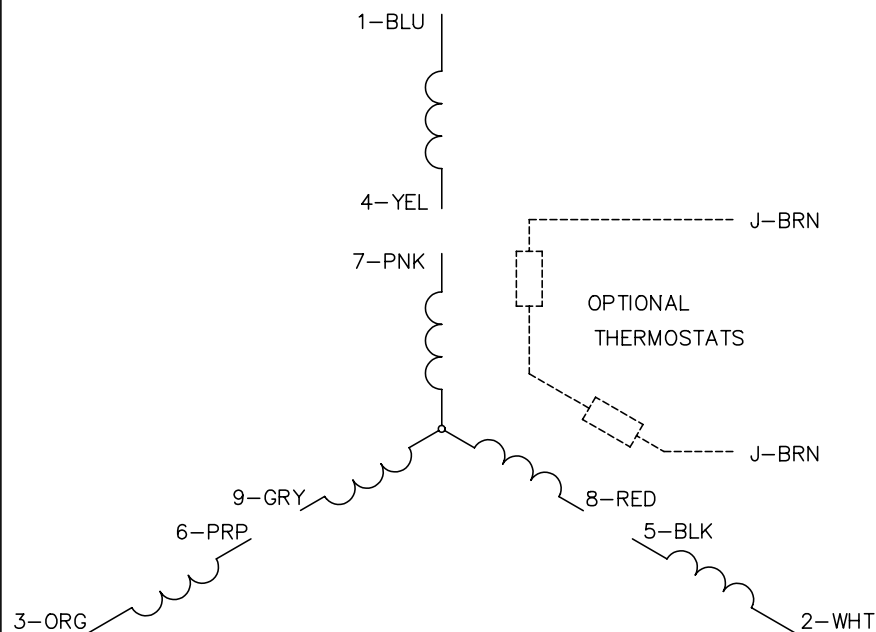
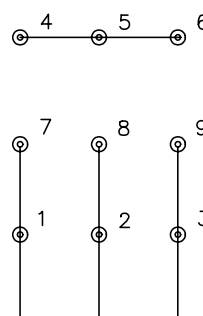
% of Rated Load	25	50	75	100	125	150
Power Factor	79	89	92	96	96	98
Efficiency	70	80.9	83.3	83.4	84	81.9
Speed	3575	3550	3524	3500	3470	3436
Line amperes	4.3	6.6	9.3	11.7	14.5	17.2

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values

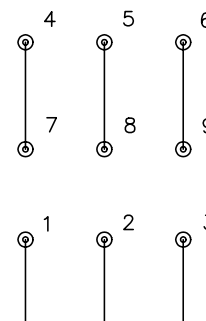




CD0005

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

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: E BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005