

BALDOR® • *RELIANCE*

Product Information Packet

248-151TD

28L 2P GRNDR PIVOTAL

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Part Detail							
Revision:	AJ	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3528L	Elec. Spec:	35WGW811	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	B2-5	Layout:	
Frame:		Mounting:	F1	Poles:	02	Created Date:	
Base:	RG	Rotation:	FOS	Insulation:	B	Eff. Date:	03-04-2011
Leads:	4#16	Literature:		Elec. Diagram:		Replaced By:	

Parts List		
Part Number	Description	Quantity
HA6219A01	BELT GRNDR ADAPTOR, MACH	1.000 EA
91XN3816A16	3/8-16X1 HEX SOC CNTRSK	4.000 EA
HA6220A01	PIVOTAL BRACKET, MACH	1.000 EA
MG1000G01	400-0116 BATTLESHIP GRAY LACQUER (55G)	0.017 GA
35G400W811	1 1/2HP,3600RPM,1PH,60HZ,56C,3528L,TEFC	1.000 EA
10XN2520A08	1/4-20X1/2 HEX HEAD CAP	3.000 EA
RB4011A01	BEARING RETAINER, STAMPED (PLATED)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
HA6218A01	MOUNTING BRACKET, MACH	1.000 EA
91XN3816A16	3/8-16X1 HEX SOC CNTRSK	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	3.000 EA
HA6222	PULL KNOB RETAINER PLATE	1.000 EA
53XN1032A06	10-32X3/8 PAN HD SLTD SER	2.000 EA
HA6068A02	BRACKET, TOOL REST MACH	1.000 EA
10XN3118A14	5/16-18 X 7/8 HEX HEAD CAP	1.000 EA
HW1000A31	5/16 SAE FL WSHR NARROW, ID=.344, OD=.62	1.000 EA
HW1001A31	LOCKWASHER 5/16, ZINC PLT.591 OD, .319 I	1.000 EA
G8AP1003A01SP	TOOL REST	1.000 EA
10XN3816A24	3/8-16 X 1 1/2 HEX HD CAP SCREW	1.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	1.000 EA
XY3816A12	3/8-16 FINISHED NUT	1.000 EA
HW1000A38	WASHER, 3/8" FLAT, SAE Z/P	2.000 EA
B2AP1005A02	PLATEN FOR BELT GRINDER WELKER	1.000 EA
12XN0832A08	8-32 X 1/2 HEX HD	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW1001A08	WASHER, #8 SPLT LK, ZN	2.000 EA
B2FH2806A01SP	CONTACT WHEEL GUARD	1.000 EA
10XN2520A26	1/4-20X 1 5/8 HEX HD	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
B2AP5002A01	TRACK ARM & SHAFT ASSY	1.000 EA
B2FH2801A01SP	GRINDER GUARD, MACH	1.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
HW1000A25	1/4 SAE FLAT WASHER (FS)	2.000 EA
B2AP3003A01SP	IDLER WHEEL -- BELT GRINDER	1.000 EA
HW5000A51	N5000-156 RETAINER RING (F/S)	2.000 EA
BG6203E03	6203 D.SL,C3,POLYREX EM	2.000 EA
HW5010A32	RET RING 5100-66 (WALDES)	1.000 EA
B2AP1000A01	LATCH, IDLER ARM -- MACH	1.000 EA
HA7001A01SP	TORSION SPRING,4.5" FREE-LENGTH, .855 I.	1.000 EA
HA7002A01	TORSION SPRING, .843 FREELENGTH, .437 I.	1.000 EA
10XN3816A20	3/8-16X1 1/4 HEX HD CAP	1.000 EA
80XN2520A06	1/4-20 X 3/8 SET SCREW	1.000 EA
HA5000A01	KNOB AND STUD ASSY	1.000 EA
B2AP5001A01SP	CONTACT WHEEL ASSY WITH RUBBER THREAD	1.000 EA
HW1000A75	WASHER, 3/4 FLAT, ZN	2.000 EA
XY7510A12SP	3/4-10 NUT R.H. HEX (NC) ZINC PLATED	1.000 EA
B2AP3005A01	ABRASIVE BELT, 2" X 48" ZGR300501	1.000 EA
B2FH2810A01SP	GUARD (HALF) MACHINED, USE W/B2FH2811A01	1.000 EA

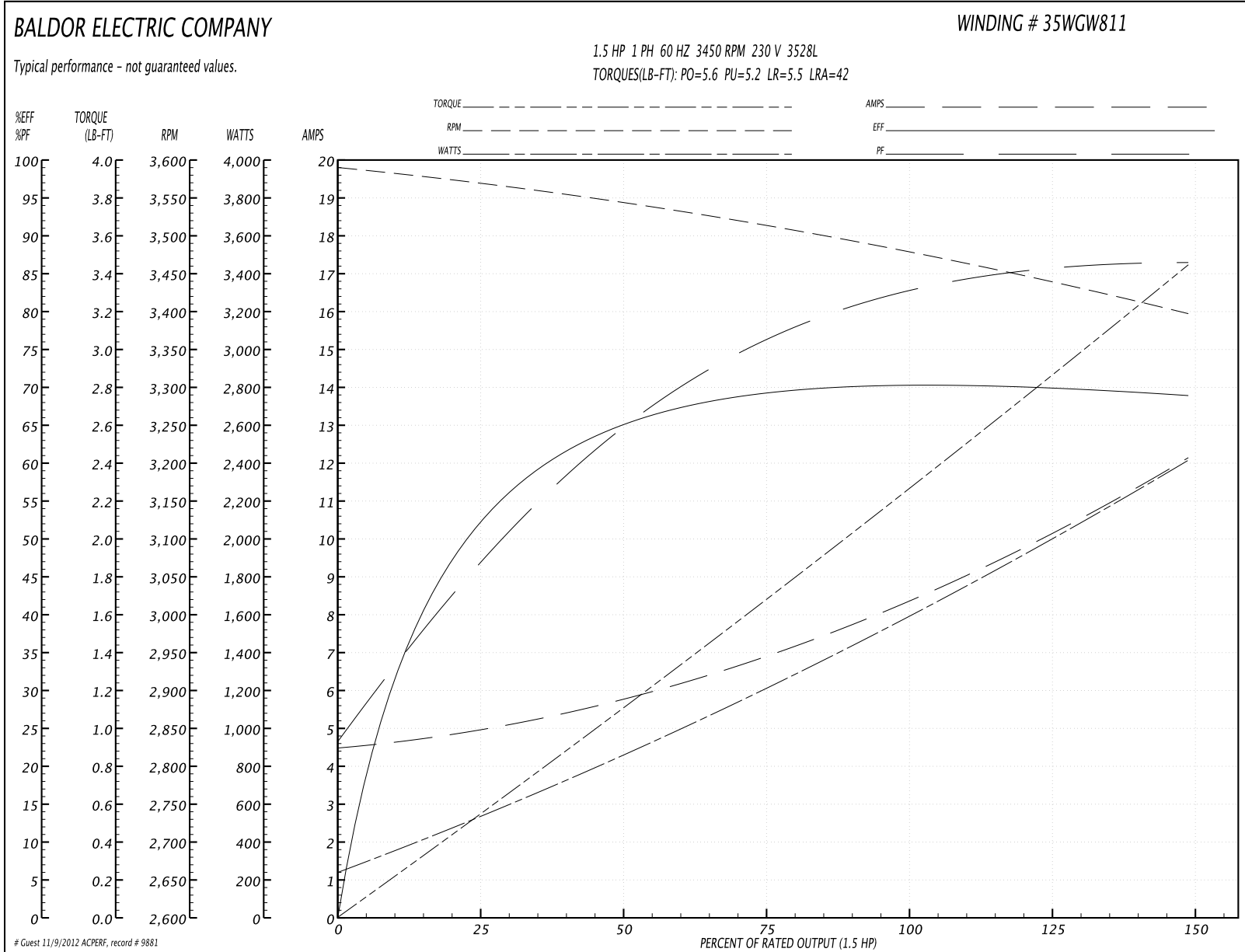
Parts List (continued)		
Part Number	Description	Quantity
B2FH2810A01SP	GUARD (HALF) MACHINED, USE W/B2FH2810A01	1.000 EA
51XN1032A12	10-32 X 0.750 HX WS SL SR	3.000 EA
HW1023A10	WASHER, #10 INT/EX TH LK, ZN X TDR#2	3.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	3.000 EA
93XN1032A12	10-32X3/4 SHOULDER/TYP T TDR 1	2.000 EA
HW1003A10	WASHER, #10 EX TH LK, ZN X	2.000 EA
B2FH2808A01SP	GUARD COVER, MACH	1.000 EA
93XN1032A12	10-32X3/4 SHOULDER/TYP T TDR 1	2.000 EA
HW1003A10	WASHER, #10 EX TH LK, ZN X	2.000 EA
B2FH2809A01SP	GUARD COVER, MACH	1.000 EA
93XN1032A08	10-32X1/2 SHOULDER/TYP T	1.000 EA
HA6223	LOCKING PIN (WELKER)	1.000 EA
HW2404A01	KNOB, #597 DIMCO-GRAY	1.000 EA
HA7005A02	C0360-032-0940S, ASSC. SPRGSTLS. STEEL, .94	1.000 EA
LB1119	WARNING LABEL	1.000 EA
B2PA1001	PACKAGING GROUP	1.000 EA
MN902	MANUAL FOR BELT GRINDERS	1.000 EA

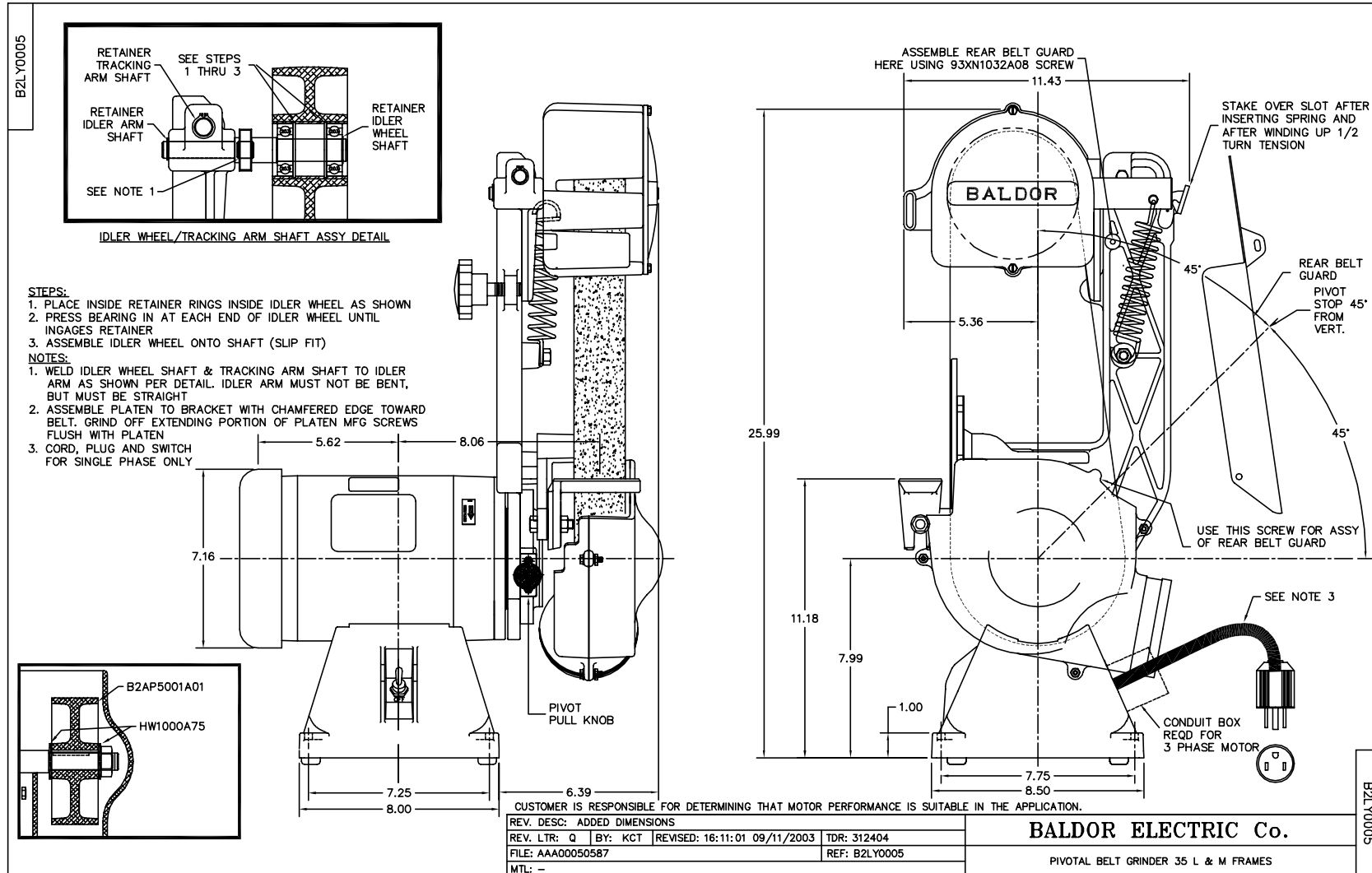
Accessories		
Part Number	Description	Multiplier
GA16	PEDESTAL INDUSTRIAL, CAST IRON 6" - 10"	A8
GA14	PEDESTAL FABRICATED STEEL W/SHELVES	A8
GA20	PEDESTAL INDUSTRIAL, CAST IRON 8"-14"	A8
GA20E	PEDESTAL LIGHT INDUSTRIAL,STEEL	A8
AB248	2' X 48' 80 GRIT GRINDER BELT	A8
BQ1-015-CC	1PH Bake, NEMA 1,110-125 VAC, 50/60Hz	E7
BQ1-015-CP	1PH Brake, Panel 110-125 VAC, 50/60 Hz	E7
BQ2-015-CC	1PH Brake,NEMA 1 208-230 VAC,50/60Hz	E7
BQ2-015-CP	1PH Brake, Panel 208-230 VAC, 50/60 Hz	E7

Performance Data at 230V, 60Hz, 1.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	2.3 LB-FT			Start Configuration:	DOL		
No-Load Current:	4.5 Amps			Break-Down Torque:	5.6 LB-FT		
Line-line Res. @ 25°C.:	1.26 Ohms A Ph / 1.23 Ohms B Ph			Pull-Up Torque:	5.2 LB-FT		
Temp. Rise @ Rated Load:	70 C			Locked-Rotor Torque:	5.5 LB-FT		
Temp. Rise @ S.F. Load:	84 C			Starting Current:	42.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	47.0	64.0	73.0	80.0	84.0	86.0	82.0
Efficiency:	51.9	65.3	68.4	71.2	70.6	68.4	70.8
Speed:	3567.0	3541.0	3514.0	3475.0	3439.0	3397.0	3453.0
Line Amperes:	5.0	5.8	6.9	8.6	10.2	12.1	9.6

Performance Graph at 230V, 60Hz, 1.5HP Typical performance - Not guaranteed values





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