BALDOR • RELIANCE II

Customer information packet 2048-151D

1.5HP, 3600RPM, 1PH, 60HZ, 3528L, 3528L, TEFC

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Specifications

Frequency	60.00 Hz
Number of Poles	2
Phase	1
Product Style	BELT SANDER
Speed	3450 rpm
Voltage	115 V
	230 V

Part detail

Revision	AV
Туре	AC
Mech. spec.	B2-3
Base	
Status	PRD/A
Elec. spec.	35WGW811
Layout	B2LY0003
Eff. date	12-15-2021
CD Diagram	CD0093
Poles	02
Leads	4#16
Proprietary	False
Created date	01-01-0001

Nameplate

NP3118					
CAT.NO. 2048-151D					
HP	1.5	VOLTS	115/230		
PHASE	1	AMPS		15/7.5	
HZ	60	RPM	3600		
SER.NO					
SPEC.	B2-3A				

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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 Brake, NEMA 1,110-125 VAC, 50/60Hz	P1	
BQ1-015-CP	1PH Brake, Panel 110-125 VAC, 50/60 Hz	P1	
BQ2-015-CC	1PH Brake,NEMA 1 208-230 VAC,50/60Hz		
BQ2-015-CP	1PH Brake, Panel 208-230 VAC, 50/60 Hz		

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AC Induction Motor Performance Data

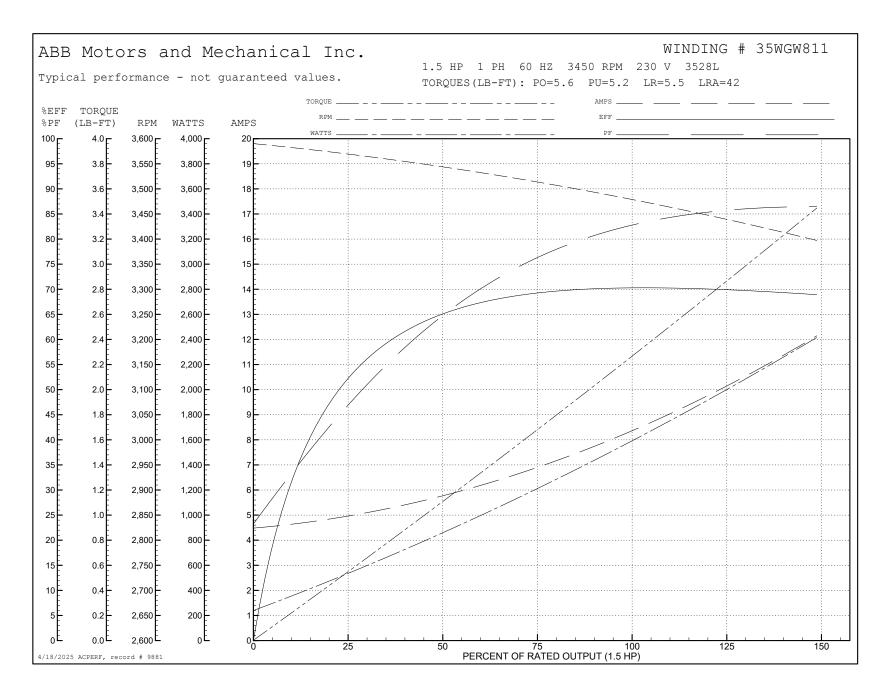
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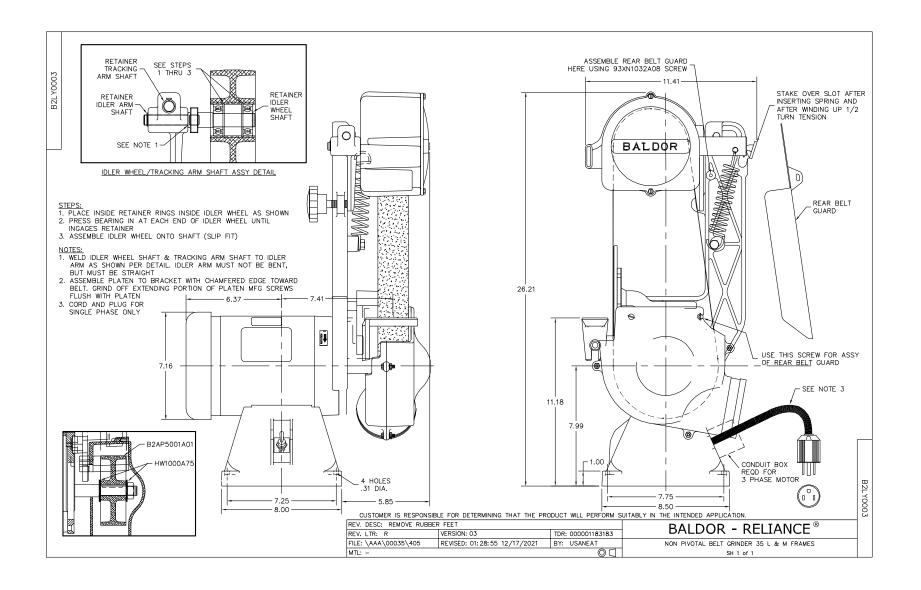
Typical performance - not guaranteed values

Winding: 35WGW811-R001 Type: 35		528L Enclosure: TEFC				
Nameplate Data			230 V, 60 Hz: High Voltage Connection			
Rated Output (HP)		1.5	Full Load Torque	2.3 LB-FT		
Volts		115/230		115/230 Start Configuration		direct on line
Full Load Amps		15/7.5	Breakdown Torque	5.6 LB-FT		
R.P.M.		3450	Pull-up Torque	5.2 LB-FT		
Hz	60 Phase	1	Locked-rotor Torque	5.5 LB-FT		
NEMA Design Code	L KVA Code	Н	Starting Current	42 A		
Service Factor (S.F.)		1	No-load Current	4.5 A		
NEMA Nom. Eff.	70 Power Factor	82	Line-line Res. @ 25°C	1.26 Ω A Ph 1.23 Ω B Ph		
Rating - Duty	4	OC AMB-CONT	Temp. Rise @ Rated Load	70°C		
S.F. Amps			Temp. Rise @ S.F. Load	84°C		

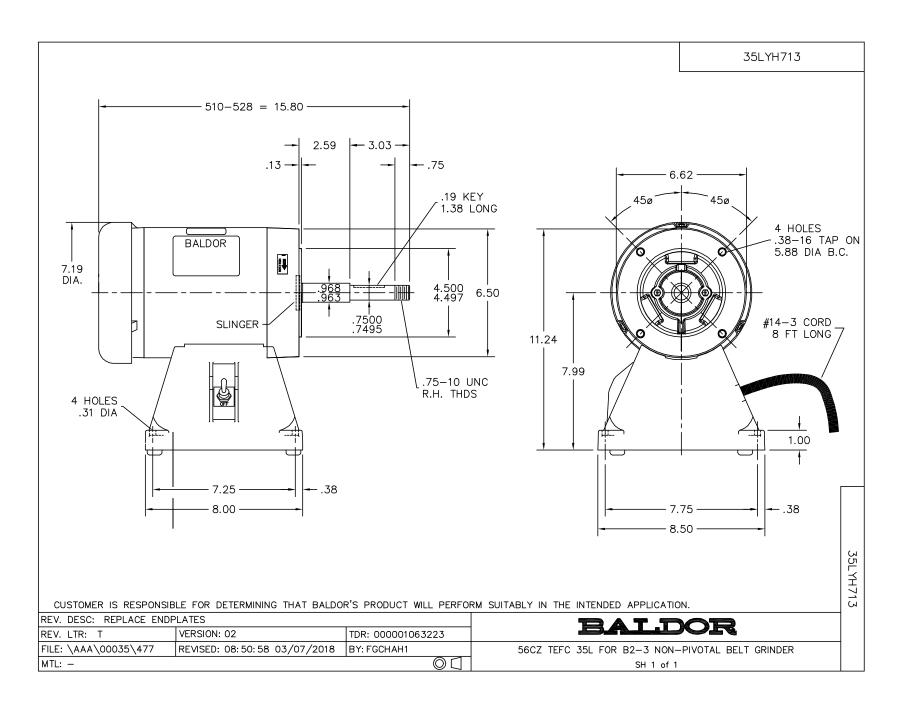
Load Characteristics 230 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	47	64	73	80	84	86	82
Efficiency	51.9	65.3	68.4	71.2	70.6	68.4	70.8
Speed	3567	3541	3514	3475	3439	3397	3453
Line amperes	5	5.8	6.9	8.6	10.2	12.1	9.6

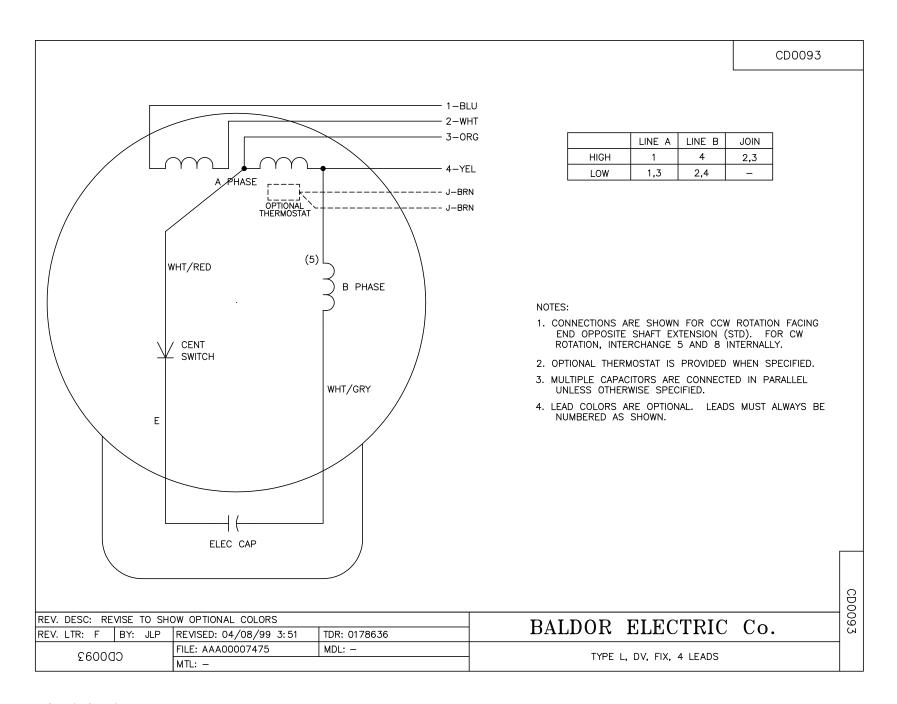




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