

BALDOR® • RELIANCE

Product Information Packet

248-151TD

28L 2P GRNDR PIVOTAL

Part Detail							
Revision:	AQ	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:		CD Diagram:		Mfg Plant:	
Mech. Spec:	B2-5	Layout:	B2LY0005	Poles:	///	Created Date:	
Base:	RG	Eff. Date:	12-01-2016	Leads:			

Specs			
Product Style:	BELT SANDER		

Nameplate NP3118			
CAT.NO.	248-151TD		
HP		VOLTS	
PHASE		AMPS	
HZ		RPM	
SER.NO			
SPEC.	B2-5A		

AC Induction Motor Performance Data

Record # 9881 - Typical performance - not guaranteed values

Winding: 35WGW811-R001	Type: 3528L	Enclosure: TEFC
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	2.3 LB-FT
Volts	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	H	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	40C 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

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



