BALDOR • RELIANCE II

Customer information packet 1021WD

28M 4P GRNDR

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Specifications

Frequency	50.00 Hz
	60.00 Hz
Nameplate Output	1.5
Number of Poles	4
Phase	3
Shaft Diameter	0.875 IN
Speed	1500 rpm
	1800 rpm
Voltage	208 V
	230 V
	460 V

Part detail

Revision	A
Туре	AC
Mech. spec.	G10-239
Base	
Status	PRD/A
Elec. spec.	G0WG0360
Layout	G0LY0239
Eff. date	07-23-2024
CD Diagram	CD0005
Poles	04
Leads	9#18
Proprietary	False
Created date	02-23-2023

Nameplate

NP0113					
CAT.NO.	1021WD				
HP	1.5	VOLTS		208-230/460	
PHASE	3	AMPS		4.6-4.4/2.2	
HZ	60//50	RPM	1800//1500		
SER.NO					
SPEC.	G10-239G0360				

Accessories

Part number	t number Description		
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	
B102	10" 36 GRIT GRINDING WHEEL	A8	
B103	10" 60 GRIT GRINDING WHEEL	A8	
GA9	PAIR LIGHTED EYESHIELDS	A8	
GA9-1	SINGLE LIGHTED EYESHIELD	A8	
GA9S	PAIR EYESHIELDS W/ ON-OFF SWITCH	A8	
GA11	PAIR EYESHIELDS	A8	
DC10	DUST CONTROL UNIT	A8	

AC Induction Motor Performance Data

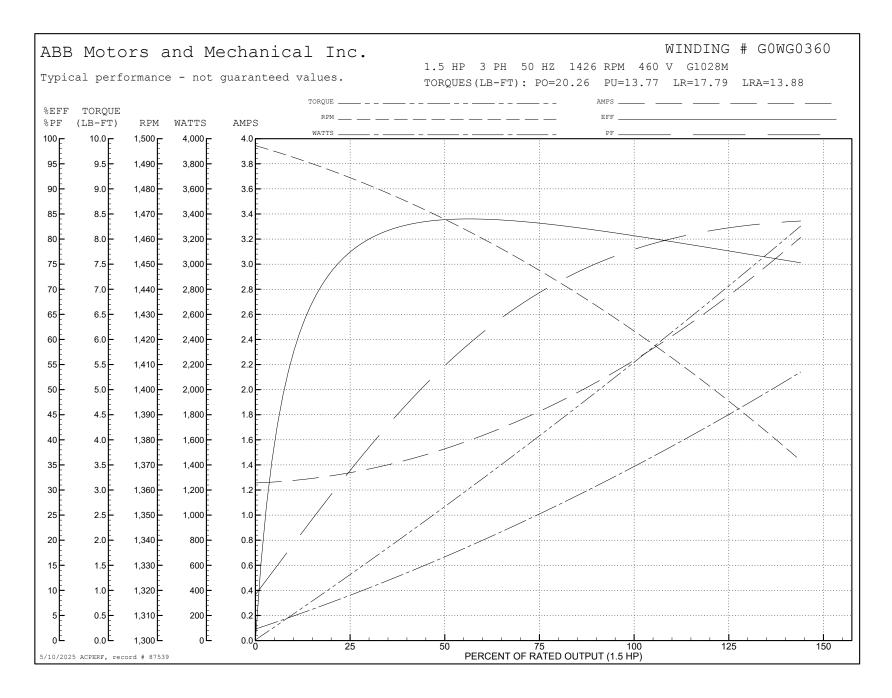
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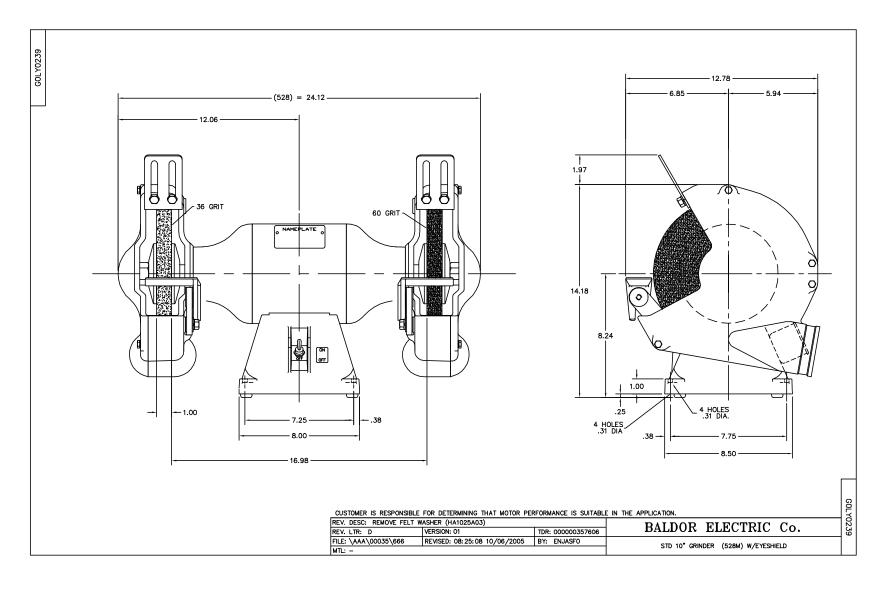
Typical performance - not guaranteed values

Winding: G0WG0360-R001 Type: G10		028M	Enclosure: TENV
Nameplate Data		460 V, 50 Hz: High Voltage Connection	
Rated Output (HP)	1.5	Full Load Torque	5.45 LB-FT
Volts	208-230/460		direct on line
Full Load Amps	4.6-4.4/2.2//4.4-4/2	Breakdown Torque	20.26 LB-FT
R.P.M.	1500//1800	Pull-up Torque	13.77 LB-FT
Hz	50//60 Phase 3	Locked-rotor Torque	17.79 LB-FT
NEMA Design Code	- KVA Code	- Starting Current	13.88 A
Service Factor (S.F.)	:	No-load Current	1.27 A
NEMA Nom. Eff.	0 Power Factor (Line-line Res. @ 25°C	17.9 Ω
Rating - Duty	40C AMB-CON	Temp. Rise @ Rated Load	
		Locked-rotor Power Factor	79.9
		Rotor inertia	0.202 lb-ft²

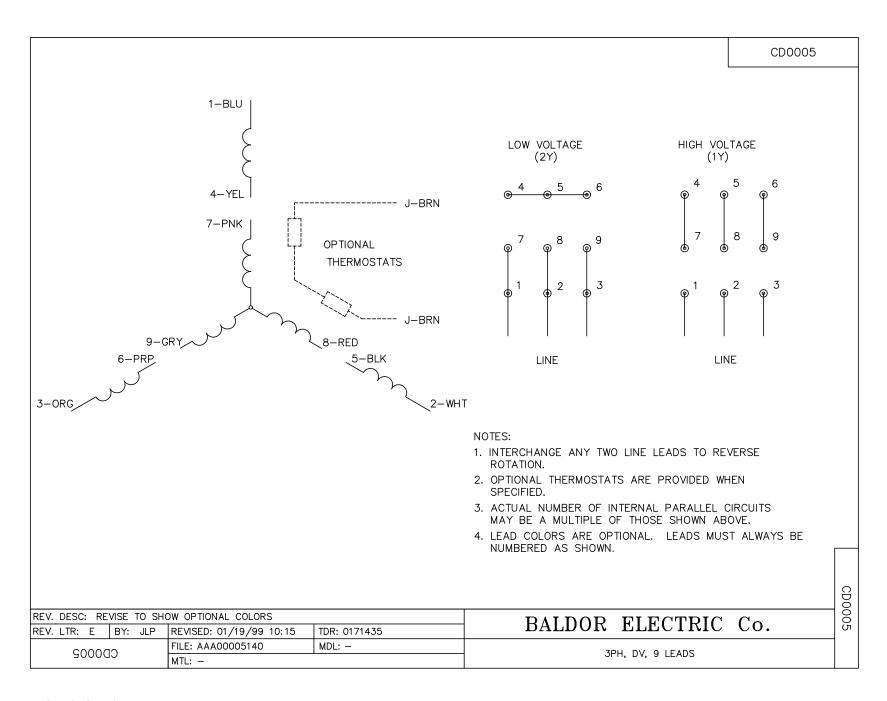
Load Characteristics 460 V, 50 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	35	56	69	77	81	84
Efficiency	77.1	82.7	83	81.1	78.6	74.9
Speed	1484	1466	1447	1426	1401	1370
Line amperes	1.32	1.53	1.83	2.21	2.7	3.2

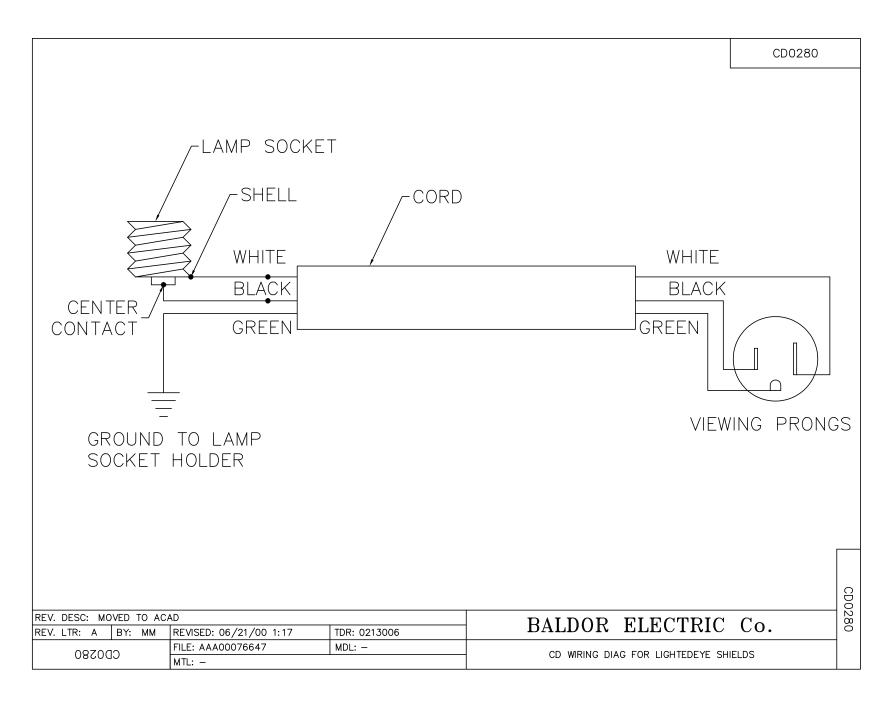




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G0WG0004: Electrical Design Page 8 of 9



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