BALDOR • RELIANCE II

Customer information packet 1021W

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.	G10-163			
Base				
Status	PRD/A			
Elec. spec.	G0WG0360			
Layout	G0LY0163			
Eff. date	07-23-2024			
CD Diagram	CD0005			
Poles	04			
Leads	9#18			
Proprietary	False			
Created date	02-23-2023			

Nameplate

NP0113						
CAT.NO.	1021W					
НР	1.5	VOLTS		208-230/460		
PHASE	3	AMPS		4.6-4.4/2.2		
HZ	60//50	RPM	1800//1500			
SER.NO						
SPEC.	G10-163G0360					

Accessories

Part number	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			
GA24	WATER POT	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

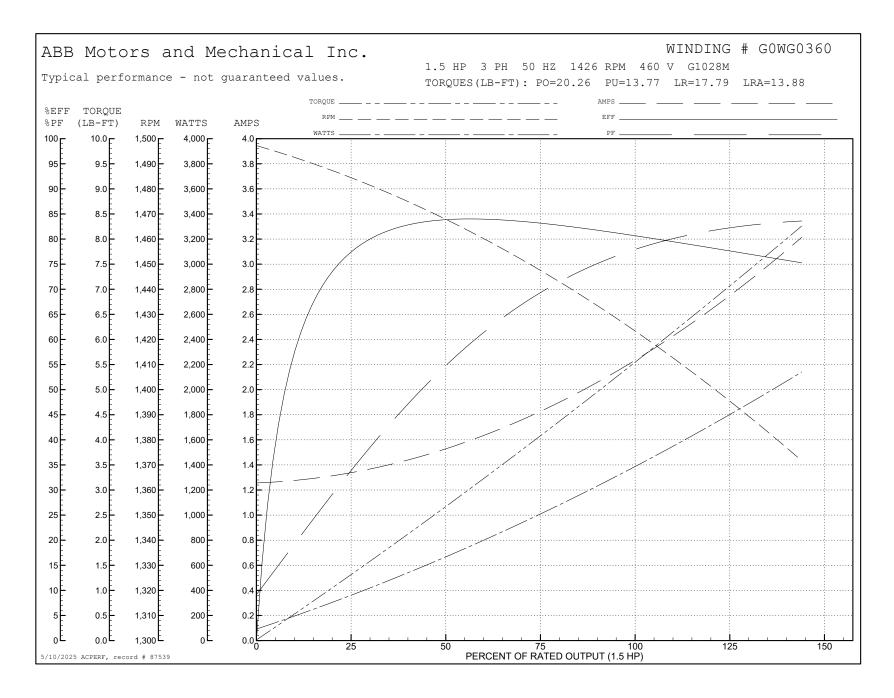
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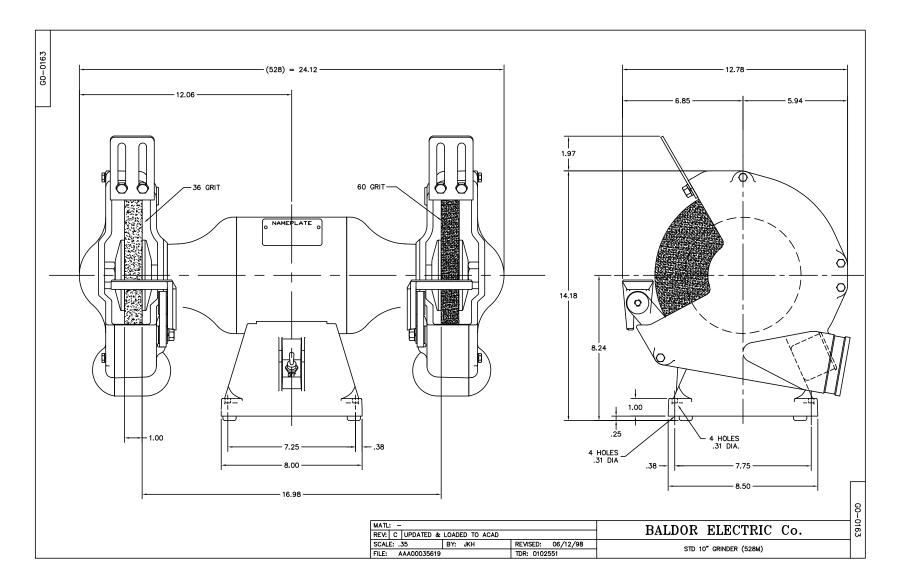
Typical performance - not guaranteed values

Winding: G0WG0360-R001 Type: G102		1028M Enclosure: TENV		
Nameplate Data			460 V, 50 Hz: High Voltage Connection	
Rated Output (HP)		1.5	Full Load Torque	5.45 LB-FT
Volts	208-2	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.	150	0//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.)		1	No-load Current	1.27 A
NEMA Nom. Eff.	0 Power Factor	0	Line-line Res. @ 25°C	17.9 Ω
Rating - Duty	40C AM	1B-CONT	Temp. Rise @ Rated Load	
			Locked-rotor Power Factor	79.9
			Rotor inertia	0.202 lb-ft²

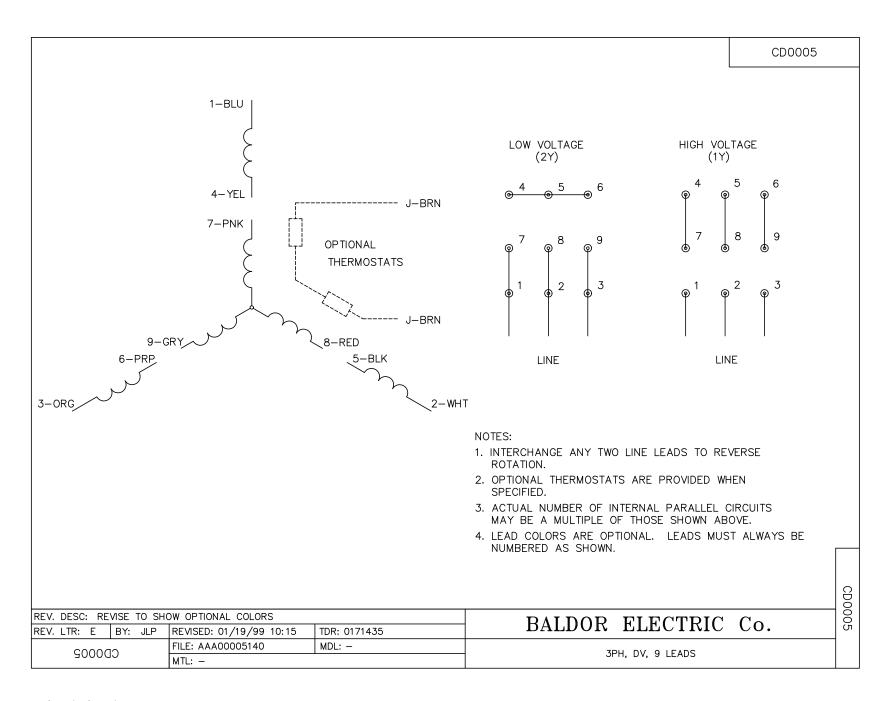
Load Characteristics 460 V, 50 Hz, 1.5 HP

% 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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