

ABB BALDOR RELIANCE III

Customer information packet 409B

28M 4P BUFFER

Specifications

Enclosure	TENV
Frame Material	Steel
Frequency	50.00 Hz 60.00 Hz 50.00 Hz 60.00 Hz
Motor Letter Type	Three Phase
Nameplate Output	1.5
Number of Poles	4 4
Output @ Frequency	1.500 HP @ 60 HZ 1.500 HP @ 50 HZ
Phase	3 3
Shaft Diameter	0.875 IN 0.875 IN
Speed	1500 rpm 1800 rpm 1500 rpm 1800 rpm
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage	208 V 230 V 460 V
Voltage @ Frequency	208.0 V @ 50 HZ 208.0 V @ 60 HZ 460.0 V @ 60 HZ 460.0 V @ 50 HZ 230.0 V @ 60 HZ 230.0 V @ 50 HZ
Agency Approvals	CSA
Ambient Temperature	40 °C
Base Indicator	Rigid

Part Detail

Revision	A
Type	AC
Mech. spec.	G10-167
Base	
Status	PRD/A
Elec. spec.	GOWG0360
Layout	GOLY0167
Eff. date	07-23-2024
CD Diagram	CD0005
Poles	04
Leads	9#18
Proprietary	False
Created date	02-23-2023

Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	4.600 A @ 208.0 V 4.400 A @ 230.0 V 2.200 A @ 460.0 V
Design Code	-
Duty Rating	CONT
Feedback Device	NO FEEDBACK
Insulation Class	B
KVA Code	-
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Standards	Other
Motor Type	3528M
Mounting Arrangement	F1
Overall Length	29.94 IN
Product Family	Grinder
Service Factor	1.00
Shaft Rotation	Phase Seq-Opp Std Rot (CWOE)
Shaft Slinger Indicator	No Slinger
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Winding	None
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP3411L			
CAT.NO.	409B		
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.	G10-167G0360		
BLANK			

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
A103	10" COTTON BUFFING WHEEL (G0AP3004)	A8

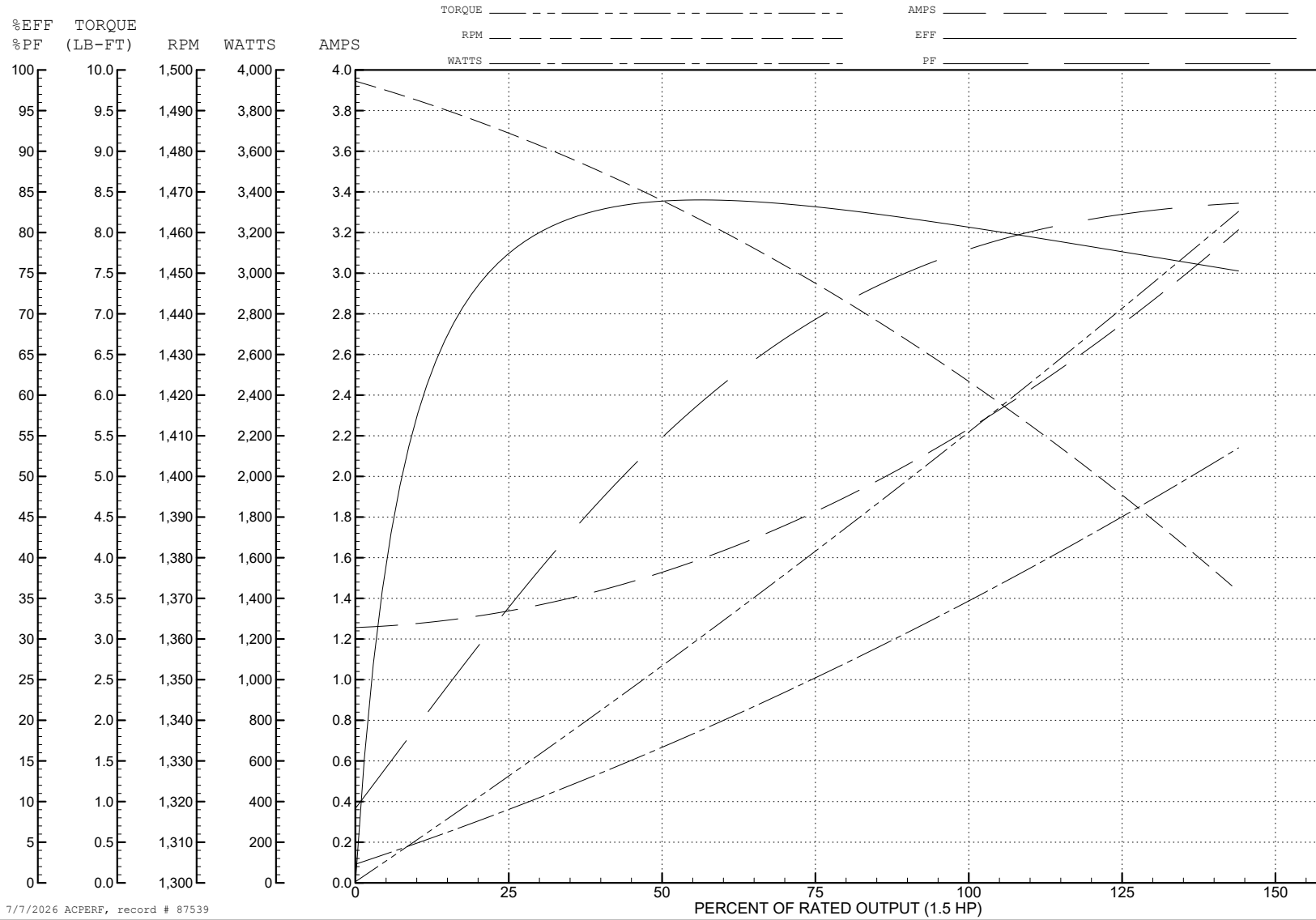
ABB Motors and Mechanical Inc.

WINDING # G0WG0360

Typical performance - not guaranteed values.

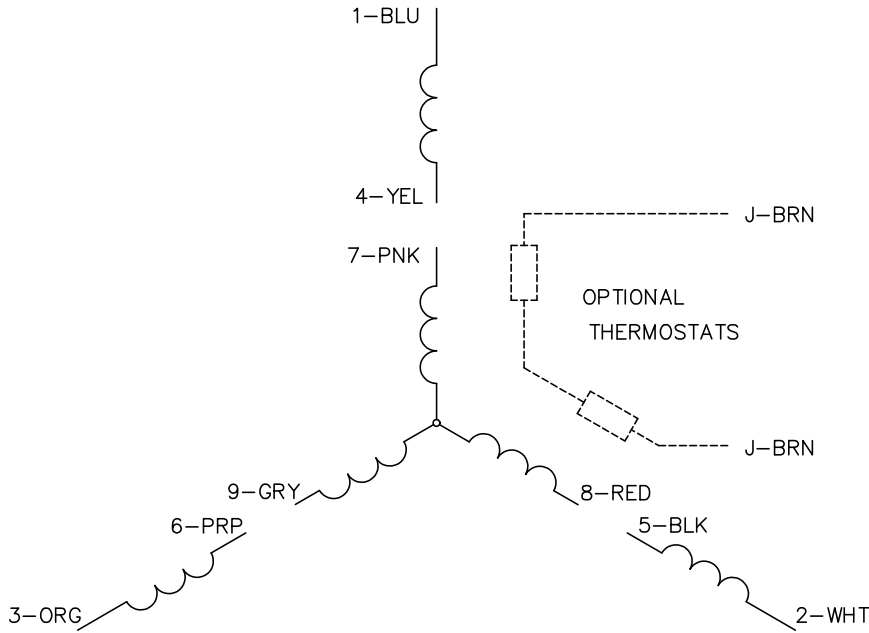
1.5 HP 3 PH 50 HZ 1426 RPM 460 V G1028M

TORQUES (LB-FT): PO=20.26 PU=13.77 LR=17.79 LRA=13.88

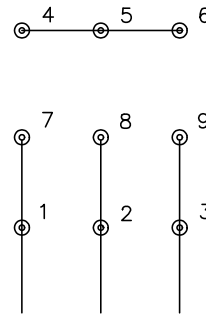


7/7/2026 ACPERF, record # 87539

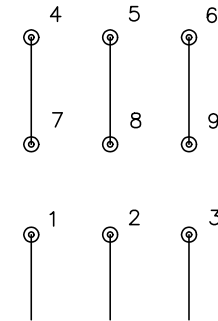
CD0005



LOW VOLTAGE
(2Y)



HIGH VOLTAGE
(1Y)



NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0005

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: E	BY: JLP	REVISED: 01/19/99 10:15	TDR: 0171435
S00000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS