

DESCRIPTION: 12V DC PERMANENT MAGNET PARALLEL SHAFT OR RIGHT ANGLE GEARMOTOR

DUTY CYCLE: INTERMITTENT

MOUNTING METHOD: FACE MOUNT, SEE PATTERN ABOVE

SEALING CONDITION: FULLY SEALED AGAINST SPLASH

LEADS: 14 GAUGE x 12" LONG, USING UL OR CSA LISTED 125°C WIRE.

SHAFT ROTATION: RED WIRE LEAD +12V CW ROTATION, VIEW FROM FACE MOUNT

DATE STAMP UNIT BY SUPPLIER

OPERATION CONDITIONS:

- 400 IN-LBS @ 15 AMPS MAX. AND 15 RPMS MIN. (REF. PERFORMANCE CURVE, PAGE 2 OF 2)
- Ⓞ- MOTOR BRAKE TO DISENGAGE AT 9-14 VDC WITH MANUAL OVERRIDE AND LOCKING LEVER
- 500 IN-LBS MIN. OF HOLDING TORQUE ON OUTPUT SHAFT AND
- MUST BE ABLE TO BACK DRIVE (MANUALLY OVERRIDE)
- OUTPUT SHAFT WITH 360 IN-LBS MAX.
- STALL CURRENT 55 AMPS MIN.


INTERNAL SPECIFICATIONS:

- TENV CONFIGURATION
- SLEEVE BEARING MOTOR & GEAR UNIT
- INTERNAL BRUSHES
- GREASE LUBRICATION

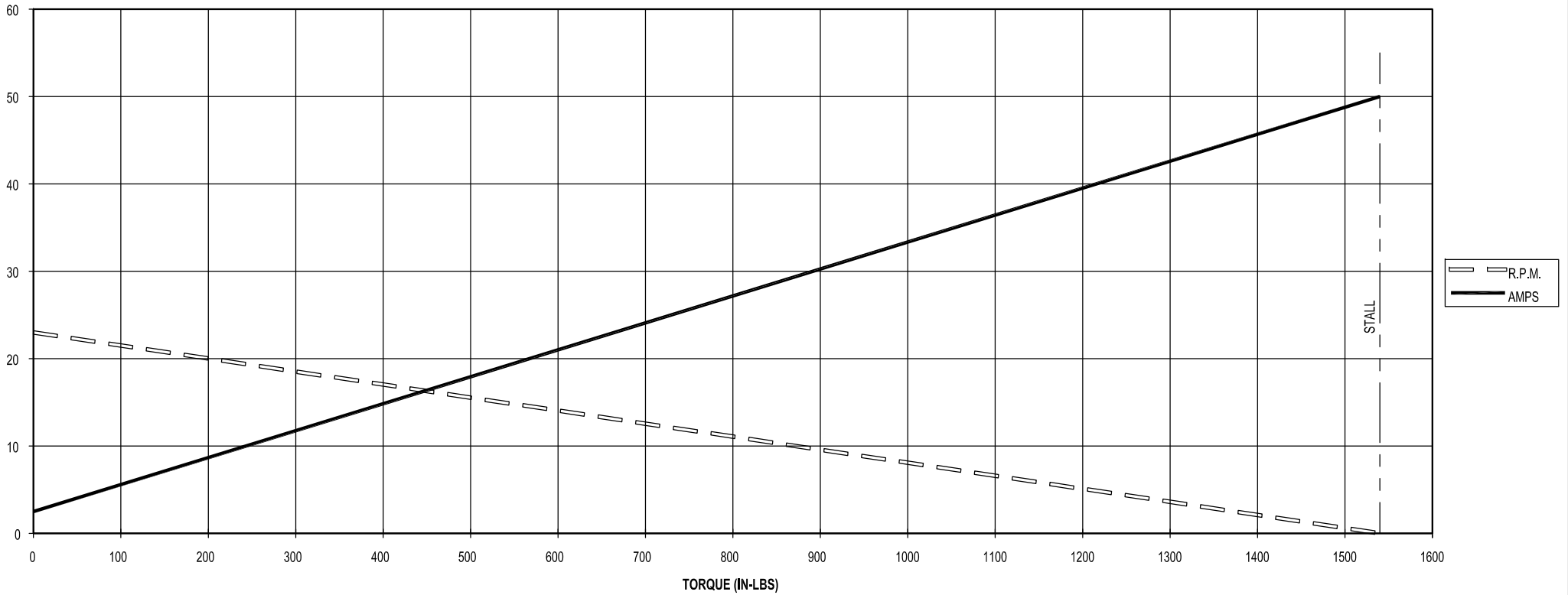
TEST SPECIFICATIONS:

- SALT SPRAY TEST PER ASTM B-117 FOR 150 HRS.

VENDOR: "BOSHAN"

REV	DESCRIPTION	ECR	DATE	BY	 <p>1217 E. SEVENTH STREET • MISHAWAKA, INDIANA 46544 FAX: (774) 255-5039 • PH: (774) 254-5265</p> <p>This document and the information contained herein is the sole property of POWER GEAR. It contains proprietary information which is confidential. Any use or reproduction of this drawing without authorization from POWER GEAR may warrant legal action against user.</p>	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.		TITLE								
1	ADDED CYLINDRICITY TO PIN HOLE. ADDED DIM. TO BOOT CABLE TIE.	6015	5/9/03	JRF		TOLERANCES ARE: DECIMALS ANGLES .XX±.06 ±1°		GEARMOTOR DUAL SHAFT HT-B W/O PIN								
2	CHANGE TO SHOW NEW BOOT	6612	07/20/04	DGW		.XXX±.03 .XXX±.010		PRODUCT								
3	ADDED UL, CSA REQMT TO "LEADS" NOTE	7277	04/27/05	DGW		BREAK ALL SHARP EDGES .005/.030		MATL ASSEMBLY								
00	UPDATED TEXT	09-0103	9/12/08	BAE		DO NOT SCALE DRAWING		SCALE	1:2	DRAWN	JRF	DATE	1/23/03	SHEET	1 OF 2	REV.
							SIZE	B	DWG NO.		130-1161					

PERFORMANCE CURVE BOSHAN HIGH TORQUE GEARMOTOR
 SUPPLY VOLTAGE: 12 VDC



REV	DESCRIPTION	ECR	DATE	BY
1	ADDED CYLINDRICITY TO PIN HOLE. ADDED DIM. TO BOOT CABLE TIE.	6015	5/9/03	JRF
2	SEE SHEET 1	6612	07/20/02	DGW
3	SEE SHEET 1 FOR CHANGE	7277	04/27/05	DGW
00	UPDATED TEXT	09-0103	9/12/08	BAE

power gear

1217 E. SEVENTH STREET • MISHAWAKA, INDIANA 46544
 FAX: (219) 255-5039 • PH: (219) 254-5255

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UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:
 DECIMALS .X±.06 ANGLES ±1°
 .XXX±.03
 .XXX±.010

BREAK ALL SHARP EDGES .005/.030

DO NOT SCALE DRAWING

TITLE GEARMOTOR DUAL SHAFT HT-B W/O PIN									
PRODUCT									
MATL ASSEMBLY									
SCALE	NTS	DRAWN	JRF	DATE	1/23/03	SHEET	2	OF	2
SIZE	B	DWG NO.			130-1161		REV.	00	