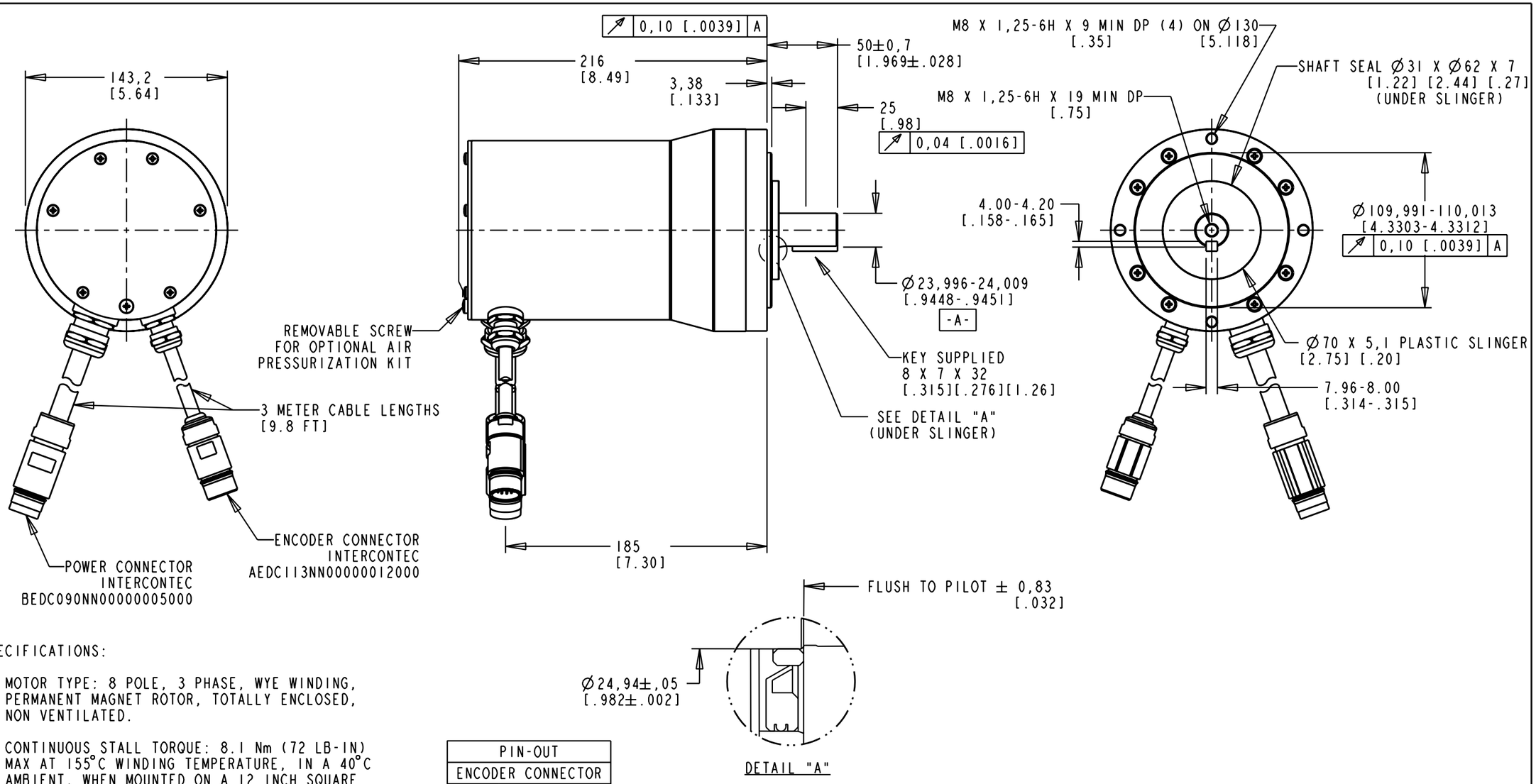

SPECIFICATIONS:

1. MOTOR TYPE: 8 POLE, 3 PHASE, WYE WINDING, PERMANENT MAGNET ROTOR, TOTALLY ENCLOSED, NON VENTILATED.
2. CONTINUOUS STALL TORQUE: 8.1 Nm (72 LB-IN) MAX AT 155°C WINDING TEMPERATURE, IN A 40°C AMBIENT, WHEN MOUNTED ON A 12 INCH SQUARE X 1/2 INCH THICK ALUMINUM HEAT SINK.
3. OPERATING SPEED: 3000 RPM MAX.
4. Ke: 162 ±10% V/KRPM 0-PEAK (PHASE TO PHASE) AT 20-30°C.
5. 1024 SINUSOID/REV ENCODER, WITH 15 BIT SINGLE TURN ABSOLUTE POSITION DATA.
6. EXTERNAL METAL MATERIAL: STAINLESS STEEL.
7. FOR ADDITIONAL SPECIFICATIONS SEE 7454-05-4102ESE.

PIN-OUT	
ENCODER CONNECTOR	
PIN	FUNCTION
1	SIN +
2	SIN -
3	COS +
4	COS -
5	DATA +
6	DATA -
7-10	-
11	+9 VDC
12	COM
13	TS +
14	TS -
15-17	-

PIN-OUT	
POWER CONNECTOR	
PIN	FUNCTION
A	U
B	V
C	W
D	GROUND
E-H	-
L	-

ProE Version	Modified
1	1

DXF FILE AVAILABLE

REV	ECN	BY	REVISION DESCRIPTION	DATE	CHKR
01	1015806	EQ	RELEASED	--	--

UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING
DIMENSIONS ARE IN MILLIMETERS
WITH INCHES REFERENCED [X.X]
UNTOLERANCED DIMENSIONS ARE REFERENCE
THIRD ANGLE PROJECTION

DRAWN BY EQ DATE 06-20-05
DESIGN ENGR -- DATE --

MPS-B4540F-SJ52DA,ESM

Allen-Bradley

PART NO. 7454-05-4102ESM

SCALE : 1 0.250 | DWG SIZE B | SHEET 1 OF 1