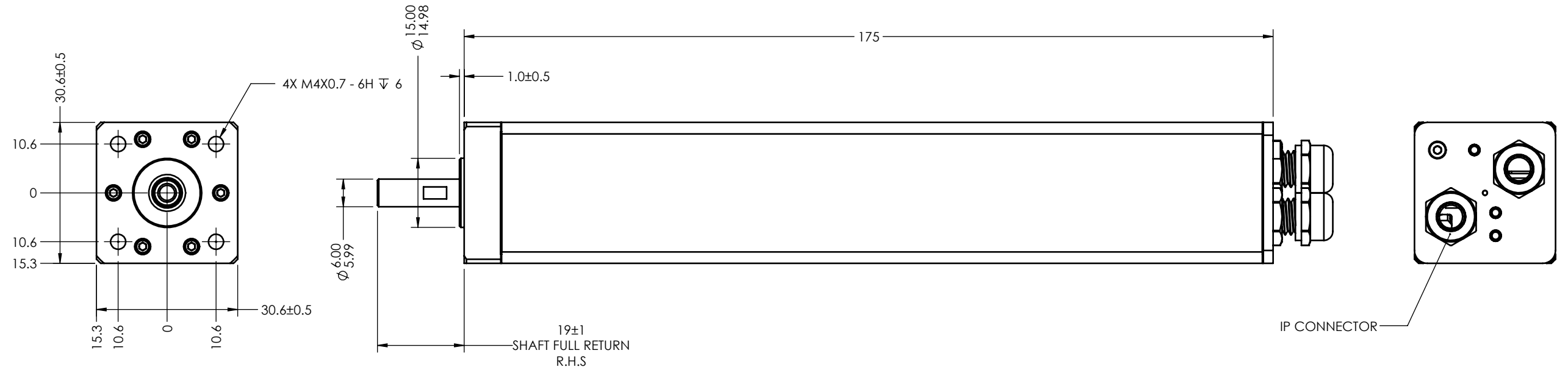


NOTES (UNLESS OTHERWISE SPECIFIED)

- 1. LINEAR SPECIFICATIONS:
 LINEAR STROKE: 5 mm
 ENC. RESOLUTION(+A/-A;+B/-B): 5 um
 ENCODER REPEATABILITY: 25 um
 INDEX LOCATION(+Z/-Z): 1 - 3 mm R.H.S
 OPERATING VOLTAGE: 48 Vdc
 COIL RESISTANCE: 26.4 Ohm
 COIL INDUCTANCE: TBD mH
 PEAK FORCE: 42 N @ 48Vdc; 1.7A
 OPTIONAL: 68 N @ 4.3A (48V)
 FORCE CONSTANT: 24.7 N/A
 MOVING MASS: 0.075 kg
 TOTAL MASS: 0.820 kg
- 2. VACUUM OPTION: NO
- 3. SPRING OPTION: TBD
- 4. OPERATING TEMPERATURE: 0°C TO 40°C
- 5. PLATING: STAINLESS STEEL 316, IP67

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED



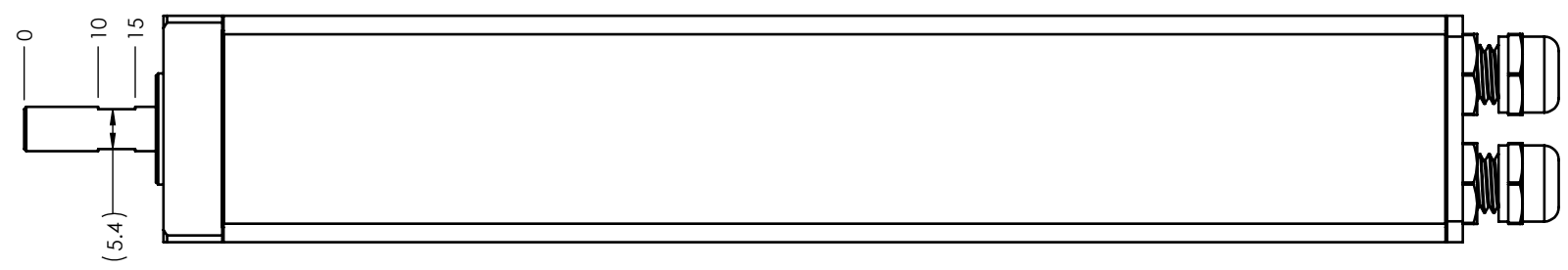
PIG TAIL (D-SUB 26) 0.5M LG

PIN No	HDB-26P
1	(L) PH. A+
2	(L) PH. B+
3	(L) PH. Z+
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	(L) PH. A-
11	(L) PH. B-
12	(L) PH. Z-
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	+5 VDC
20	5V RTN
21	NC
22	L. COIL (U)
23	L. COIL (V)
24	L.COIL (W)
25	NC
26	NC

FLYING LEAD 3M LG

PIN No	DB-15P
1	PH. A+
2	PH. Z+
3	PH. B+
4	+5 Vdc
5	NC
6	NC
7	NC
8	NC
9	PH. A -
10	PH. Z -
11	PH. B -
12	5V RTN
13	NC
14	NC
15	NC

PIN No	PHOENIX. 6P
1	GND
2	+V
3	MOTOR U (MOTOR+)
4	MOTOR V (MOTOR-)
5	MOTOR W
6	NC



<p>UNLESS OTHERWISE SPECIFIED</p> <p>ALL DIMENSIONS ARE IN MM</p> <p>BREAK EDGES AND REMOVE BURRS</p> <p>TOLERANCES</p> <p>X: ±0.5 X.X: ±0.1</p> <p>X.XX: ±0.03 ANGLE: ±0.1°</p> <p>CONCENTRICITY: ±0.025</p> <p>ROUNDNESS: ±0.025</p> <p>EDGE BREAKS: 0.2 MAX</p> <p>ALL DIMENSIONS AND TOLERANCES ARE FINAL</p>	MATERIAL:	NAME	DATE	<p>SMAC</p> <p>5807 VAN ALLEN WAY</p> <p>CARLSBAD CA, 92008</p> <p>(760) 929-7588</p>
	FINISH:	DWN BY	TV 02/22/23	
	MACHINE FINISH: 1.6/	CHK BY	TV 02/22/23	
	INTERPRET PER: ASME Y14.5-2009	ENG APP	TV 03/24/23	
	PROPRIETARY AND CONFIDENTIAL	MFG APP	QA APP	TITLE: MOVING COIL ACTUATORS
				SIZE: B PART NO: LPL30-005-75-4F(IP) REV: B
				SCALE: 1:2 DO NOT SCALE SHEET: 1 / 1