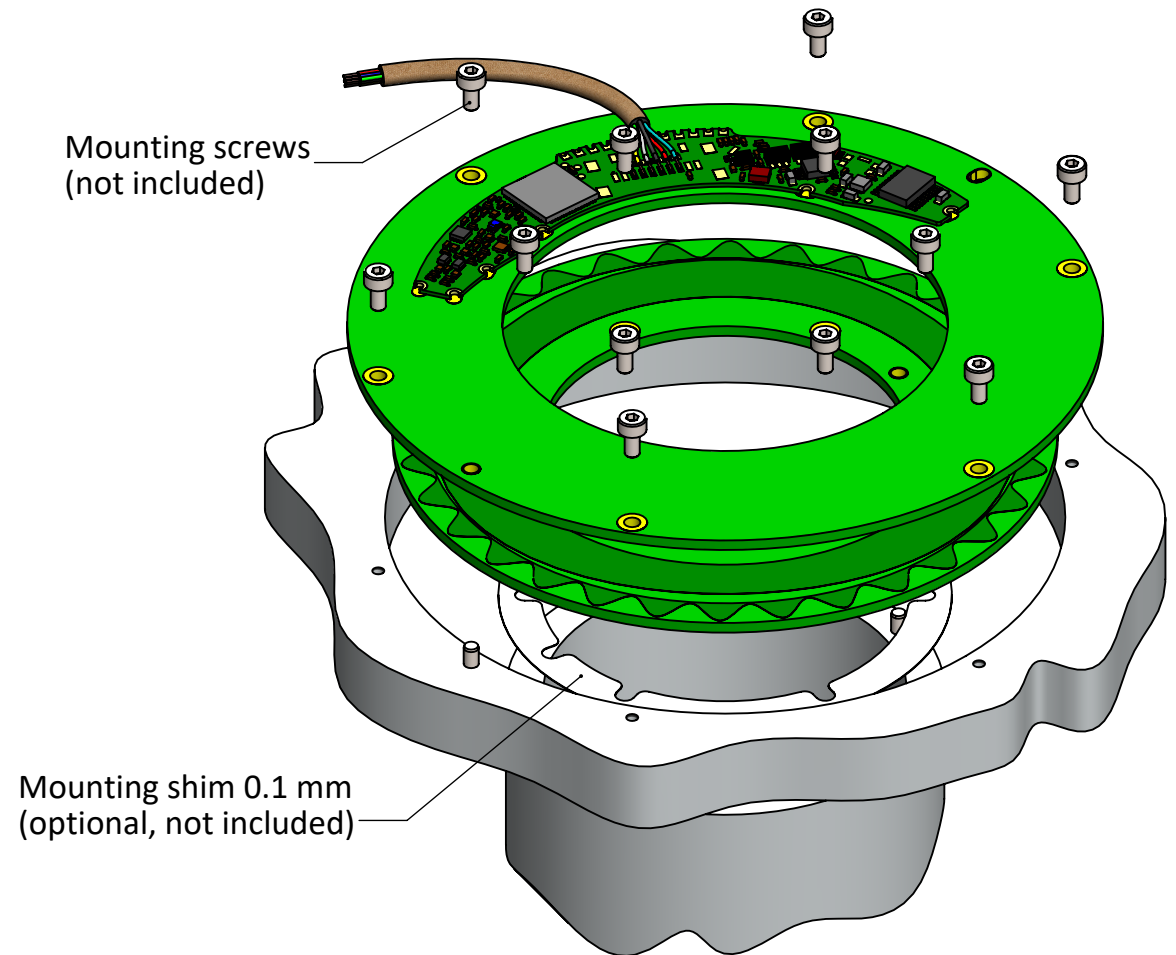
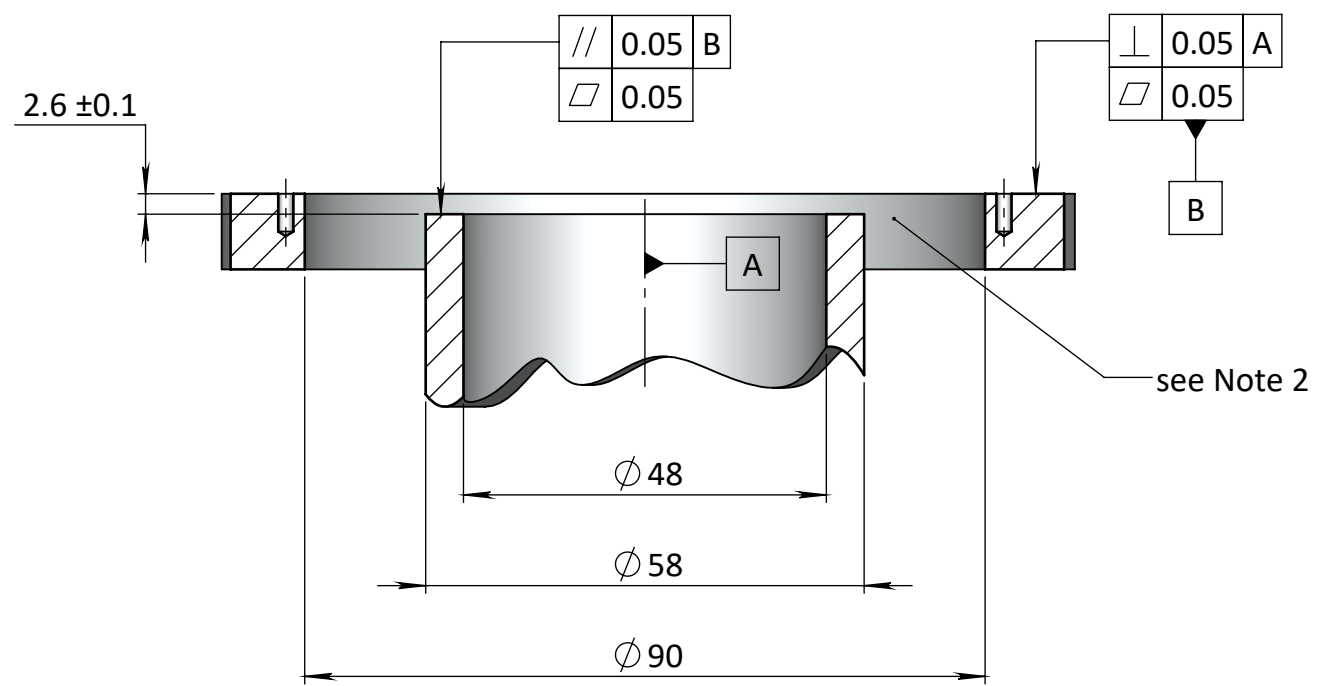


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	DRAWN

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NAME	SIGNATURE	DATE	
DRAWN Michael Agami	MA	27-Apr-2025	
CHK'D			
APPV'D			
UNLESS OTHERWISE SPECIFIED:		TITLE: VL-100 Mechanical Interface	
DIMENSIONS ARE IN: mm	SURFACE FINISH: N6	MATERIAL:	Coating:
0.5 - 4.9: $\pm 0.05$ mm	5 - 30: $\pm 0.1$ mm		Revision: 00
31 - 120: $\pm 0.15$ mm	121 - 400: $\pm 0.2$ mm	PROJECT: VL-100	A3
401 - 1000: $\pm 0.3$ mm	1001 - 2000: $\pm 0.5$ mm	CAT NO.: VL-100 ICD	SHEET 1 OF 2
Between holes: $\pm 0.05$ mm	Angles: $\pm 0.5^\circ$		
On all edges make chamfer 0.1 mm x 45°			



Mounting sample — exploded view

Notes:

- 2. It has to be 1 mm or thicker air gap or adapter mad of non-conductive material below the rotor lower surface between diameters Ø 60 and Ø 88 mm — to prevent parasitic capacitance.
- 3. Screws closing torques — per screws spec.
- 4. The specified base and shaft diameters are recommended but not mandatory.
- 5. Both stator and rotor are positioned and centered by M2 dowel pins.

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	NAME	SIGNATURE	DATE
DRAWN	Michael Agam	MA	27-Apr-2025
CHK'D			
APPV'D			
UNLESS OTHERWISE SPECIFIED:		TITLE: VL-100 Mechanical Interface	
DIMENSIONS ARE IN: mm		SURFACE FINISH: N6	
0.5 - 4.9: ±0.05 mm		5 - 30: ±0.1 mm	
31 - 120: ±0.15 mm		121 - 400: ±0.2 mm	
401 - 1000: ±0.3 mm		1001 - 2000: ±0.5 mm	
Between holes: ±0.05 mm		Angles: ±0.5°	
		On all edges make chamfer 0.1 mm x 45°	
MATERIAL:		Coating:	SCALE: 1:1
PROJECT: VL-100		Revision: 00	A3
CAT NO.: VL-100 ICD			SHEET 2 OF 2