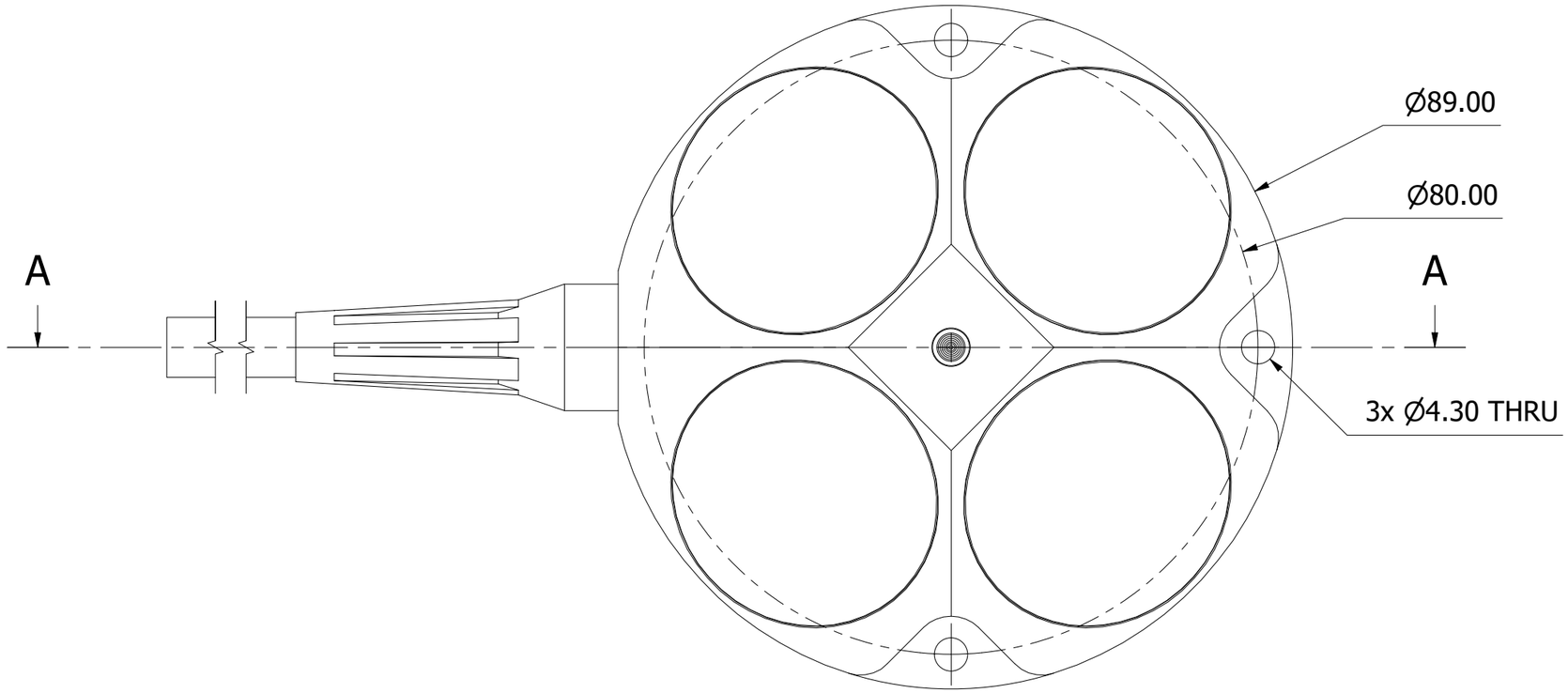
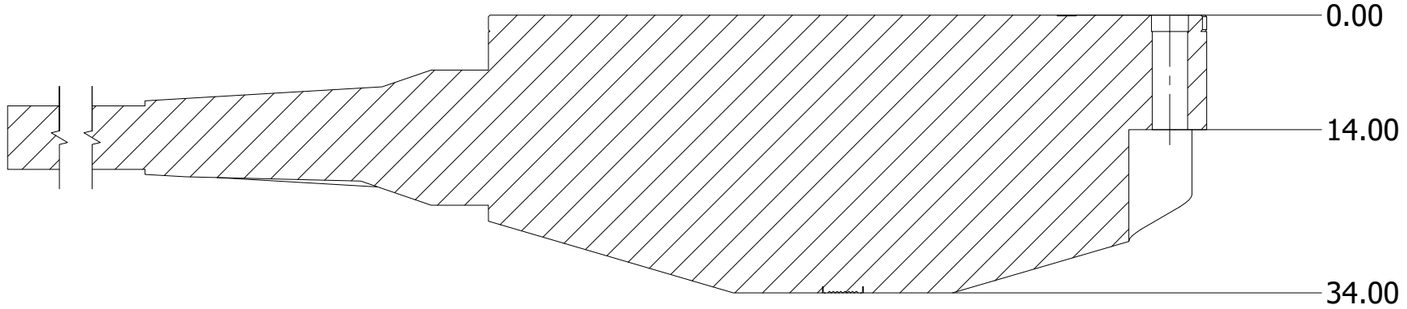
DVL-A100 Side-IO



A-A

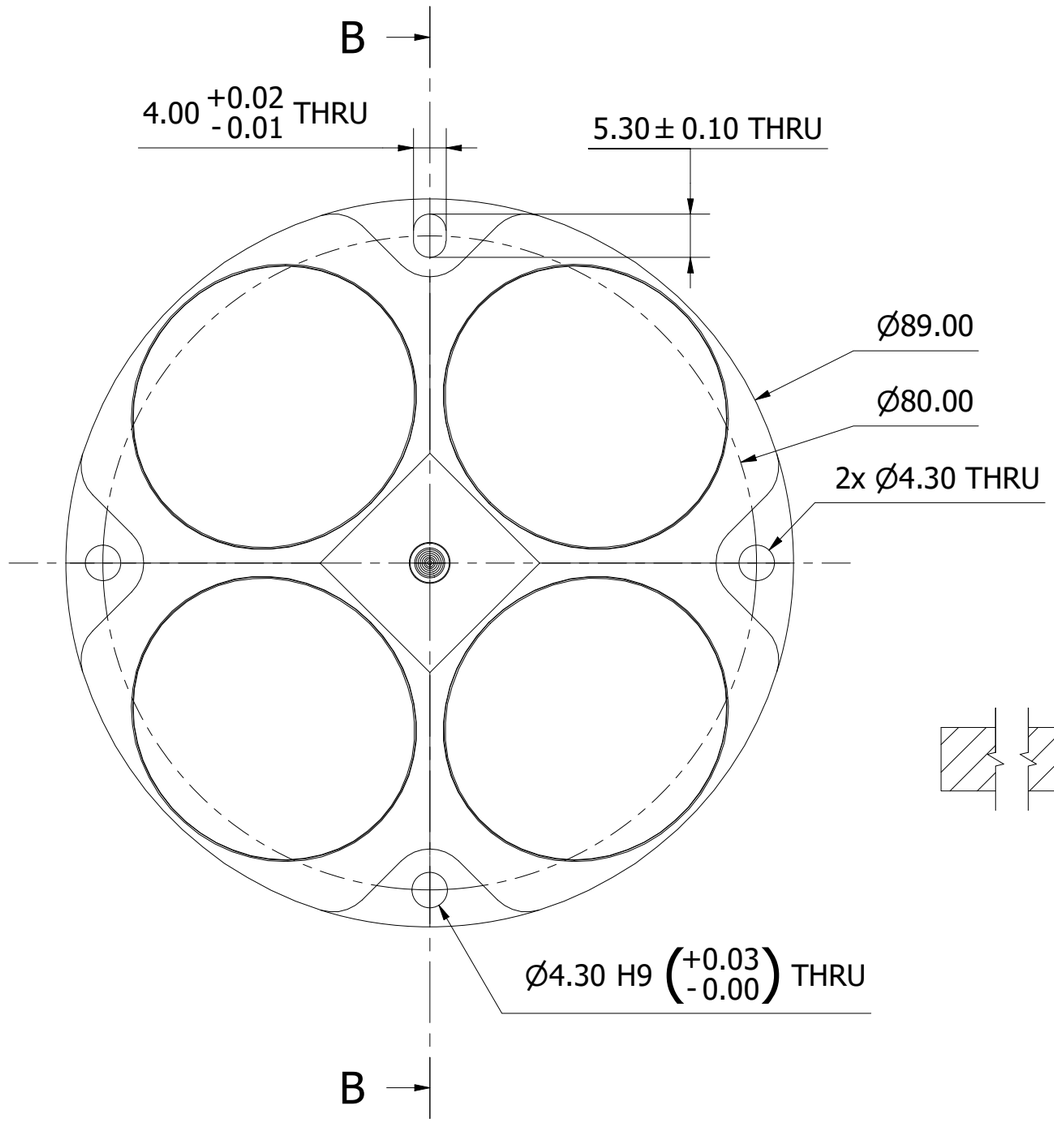


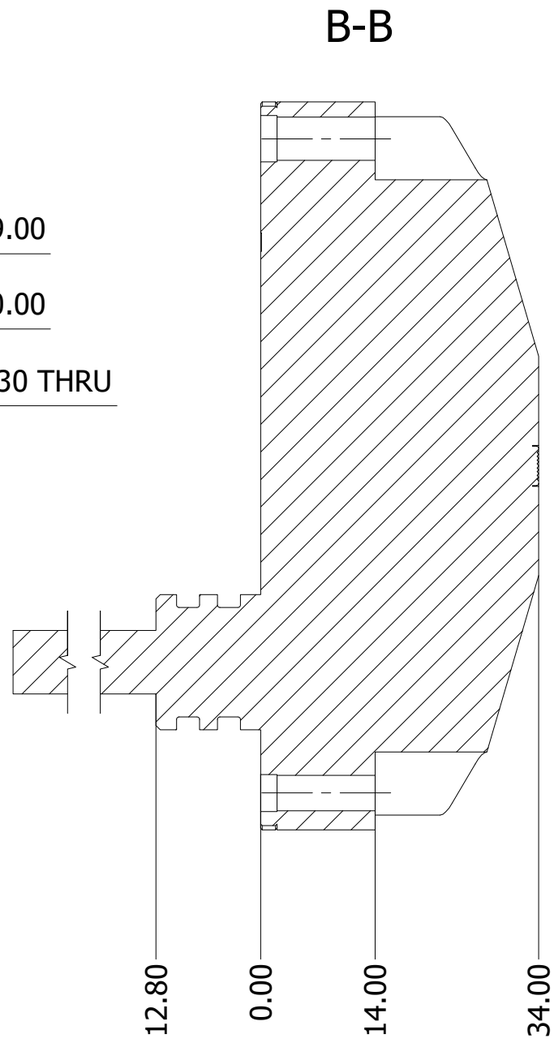
General notes:
- Customer interface information only
- Dimensions in millimeters
- Position values are cylindrical GD&T tolerance zones
- Angular placement accuracy values are statistical estimates

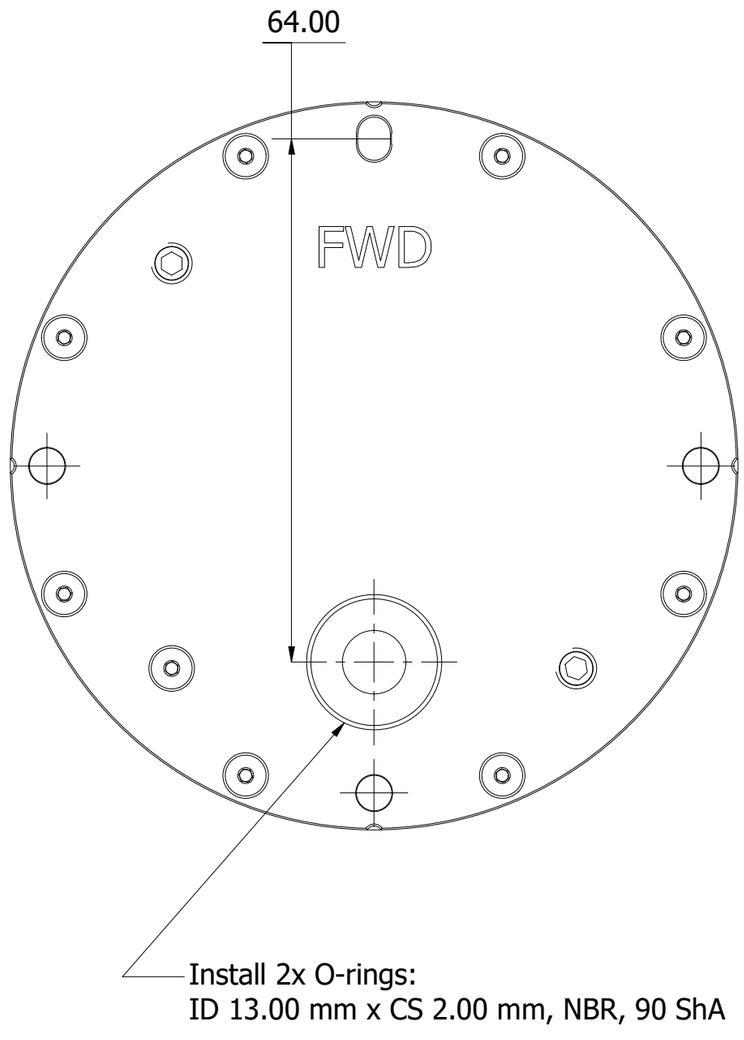
WaterLinked

Prepared by E. Hidle	Date 2026-06-05	Document title DVL-A100 Customer Mounting Interface		
Checked by K. Paulsen	Date 2026-06-05	Part number WL-21062	Rev. 1	Doc. Ver. 1
Approved by S. McLay	Date 2026-06-05	Company Water Linked AS	Sheet 1/3	

DVL-A100 Rear-O-Ring

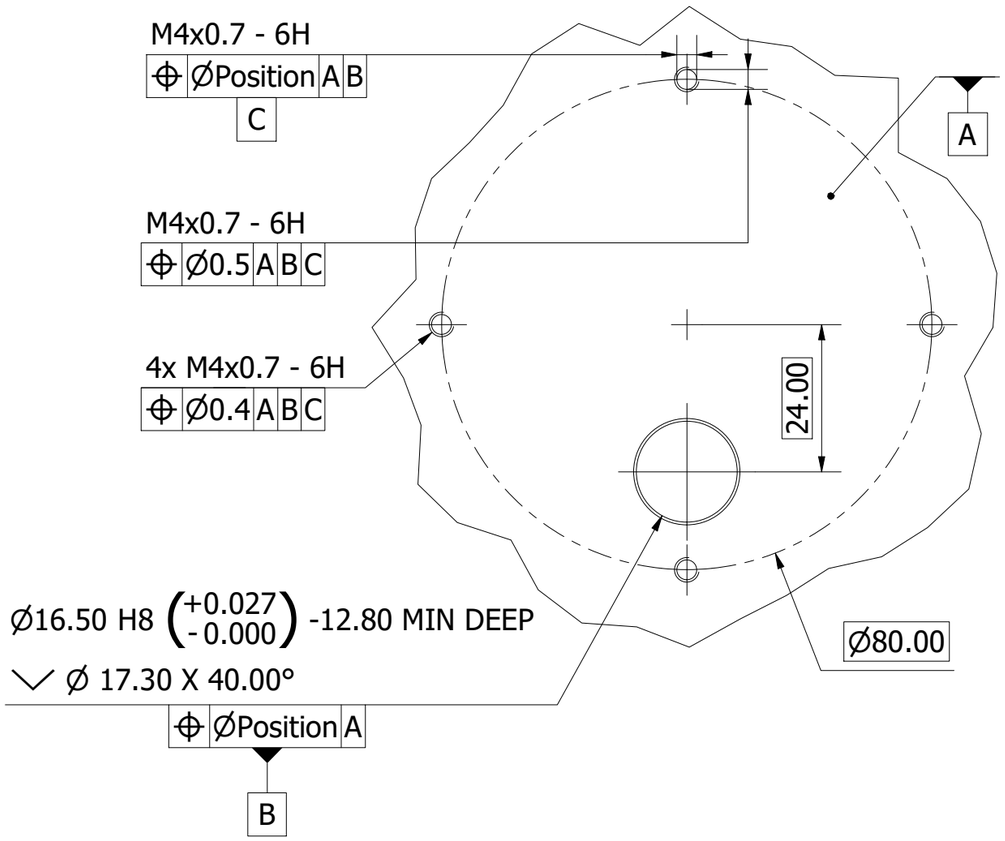




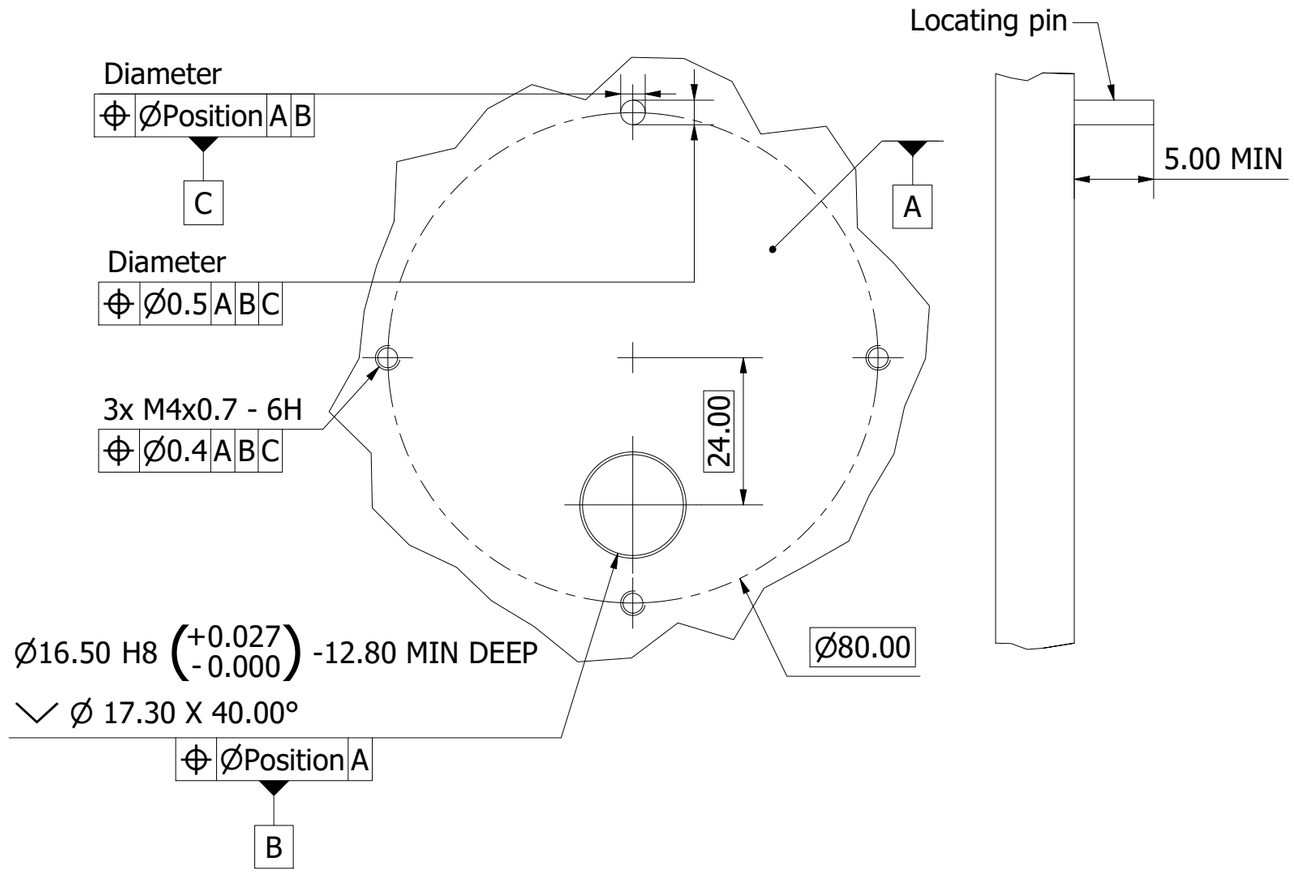


Customer Side, DVL-A100 Rear-O-Ring

Standard Mounting



Precision mounting



Note

Position values are cylindrical GD&T position tolerance zones for the customer locating features, relative to the specified datums.

Angular placement accuracy values are statistical estimates based on feature centers assumed uniformly distributed within the specified cylindrical position tolerance zones.
Values are not worst-case limits. Actual performance depends on manufacturing process capability, assembly method, and fastener/pin fit.

Standard Mounting: Acoustic Angular Placement

Required pin/fastener diameter	Position tolerance	Angular placement accuracy
M4 Screw, assumed effective diameter 3.838 mm	0.1 mm	±0.3°
	0.2 mm	±0.4°
	0.4 mm	±0.5°

Standard mounting uses a M4 screw in a threaded hole as the FWD angular reference feature. This is not a precision locating method and is intended for applications with relaxed angular placement accuracy requirements.
M4 screw estimates include customer threaded-hole position tolerance, thread clearance, and screw-to-DVL FWD slot clearance.
Values are based on an assumed M4 thread radial clearance of 0.063 mm.

Precision Mounting: Acoustic Angular Placement

Diameter, locating pin	Position tolerance	Angular placement accuracy
4 mm shoulder screw or dowel pin diameter 4.00 + 0.012/ -0.072 mm	0.05 mm	±0.15°
	0.1 mm	±0.2°
	0.25 mm	±0.3°
	0.3 mm	±0.4°
	0.4 mm	±0.45°

Precision mounting uses a dedicated locating pin or shoulder screw in the FWD slot. This is recommended when tight angular placement accuracy is required.