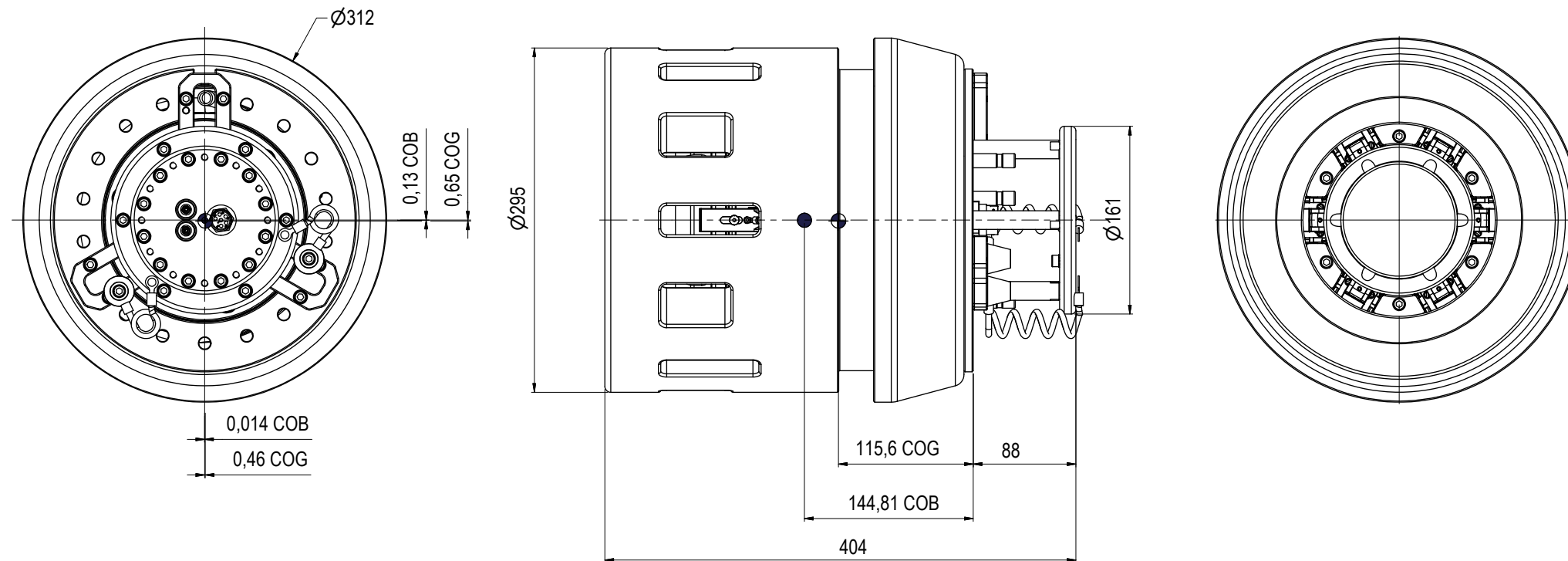




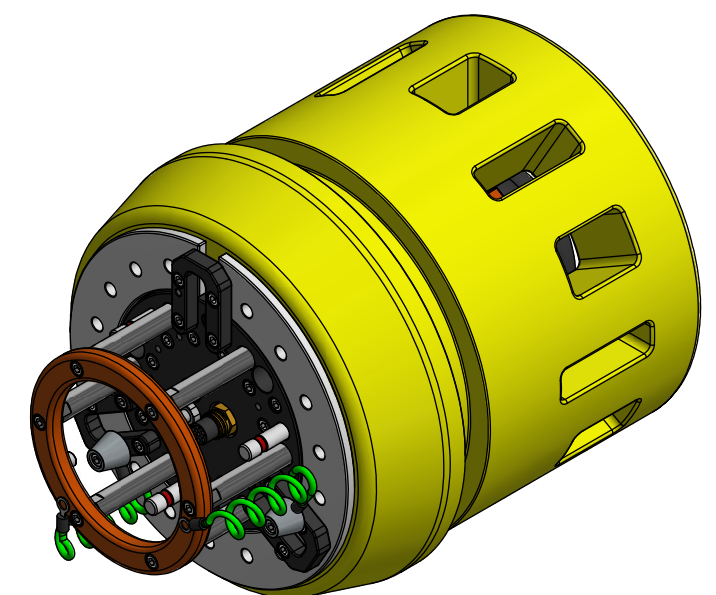
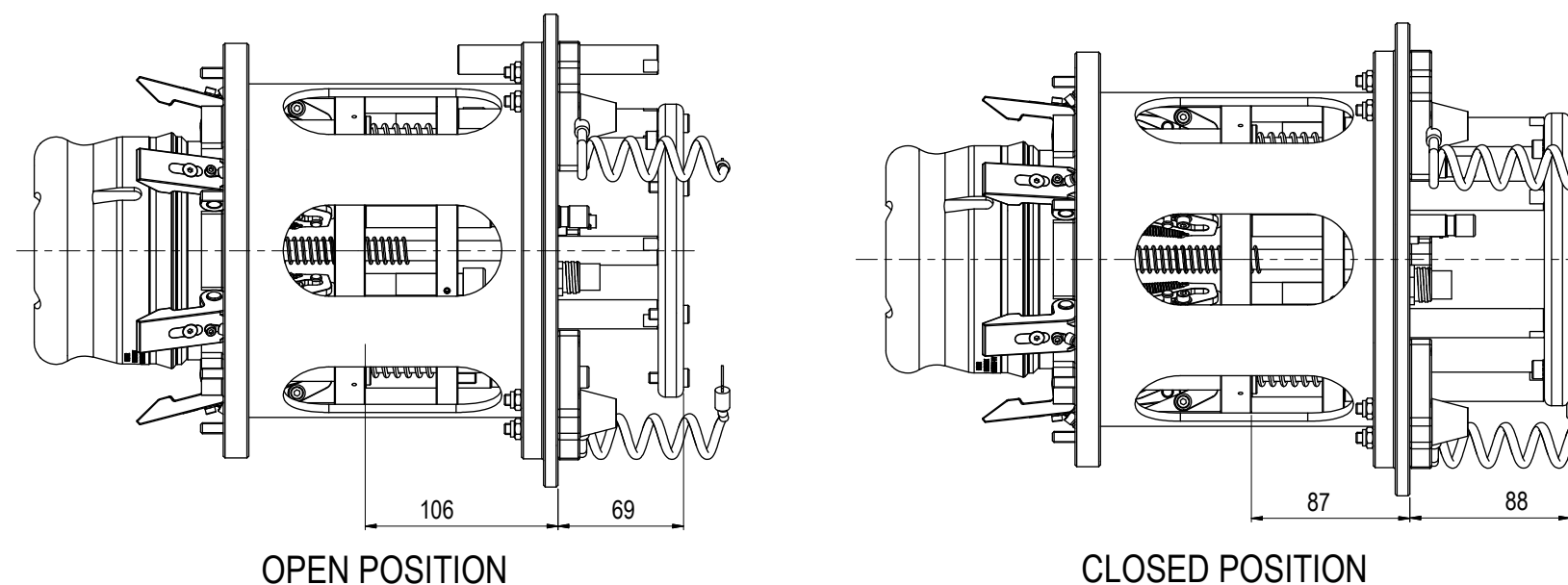
NOTE: 1
DESIGN CODE:
SWIG

NOTE: 2
TECHNICAL CLASSIFICATION:
Article Type: 017-AUV Infrastructure
Main Group: 17.01. UID Charge Station
Intermediate Group: 17.80.09. AUV Tools
Sub Group: 17.80.416.04. Tether

NOTE: 3
INTERFACE INFORMATION:
Pressure Rating Bar: N/A
Design Water Depth: 1000m
Material: N/A
Weight: 15,6 kg
Volume: 13,75 dm³
Submerged Weight: 1,47 kg
Surface Area: 27901 cm²
Hydraulic: N/A
Mechanical: USB B / SWIG
Electrical: 325VDC
Com. & Protocol: Ethernet

NOTE: 4
ADDITIONAL INFORMATION:
Inductive connector for power and communication, designed for installation on AUV / subsea drone with on-board tether.
The connector is used for connecting the tether to subsea charging station, enabling charging and data transfer while the vehicle is operated in tether-mode.

Automatic locks the connector once mated with the charging station's connector. By unspooling the tether, the AUV is free to operate within tether-range. Disconnection is performed by spooling tether fully in. Once tether is fully retracted, the connector's release frame will be pushed forward and subsequently de-activate the locking dogs in the front of the connector. The AUV is then back in free-flying mode.



12	7.3.2025	7-IFC (Issued for Construction)		WTJ	KOS	WTJ	Dwg Scale: NTS	Drawing title: USB B Sec Side Tether Locking Connector		
11	10.1.2025	7-IFC (Issued for Construction)		WTJ	KOS	WTJ	Dwg Proj:			
10	10.12.2024	7-IFC (Issued for Construction)		WTJ	TAN	WTJ	Dwg Format: A3			
09	13.3.2024	7-IFC (Issued for Construction)		WTJ	TAN	WTJ				
Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr.		Drawing number: BB4138		Rev. 12