

Yekan YB/21128 Velocity Transducer Housings

Datasheet

Machinery Condition Monitoring

Rev. V1.1

Description

Yekan's Vibration Sensor Housings are specifically engineered to safeguard sensitive vibration velocity sensors from a multitude of environmental and operational hazards. They provide superior protection against:

- **Fluid Ingress:** Effectively shields sensors from water and other conductive fluids that may be propelled by high-pressure washdowns or leaks via hoses.
- **Corrosion:** Constructed from aluminum alloy with corrosion-resistant coating these housings prevent degradation caused by aggressive chemicals, saltwater, or humid atmospheres.
- **Physical Impact:** Offers substantial defense against accidental physical abuse, impact, and general wear and tear encountered in demanding industrial environments.
- **Environmental Extremes:** Protects sensors from dust, dirt, extreme temperatures, and other adverse conditions that could compromise sensor performance and longevity.



Ordering Information

Yekan YB/21128 Velocity Transducer Housing

YB/21128-AA-BB

A: Mounting Thread

01	Unthreaded base
02	3/4-in 14 NPT
03	1/2-in 14 NPT
04	1/2-in 14 BSP (G 1/2-in)

B: Cable Exit Fitting Option

01	1/2-in NPT plug
02	1/2-in NPT, explosion-proof fitting
03	1/2-in NPT, explosion-proof and cable grip fittings

Specifications

Physical

Outlet Port Size	1/2-in NPT
Internal Mounting Thread	1/2-in 20 UNF
Housing material	Aluminum

Environmental

Temperature Rating	-29°C to +121°C (-20 °F to +250°F)
Moisture	Resistant to moisture and corrosion but is not submersible
O-ring Material	Viton

Figures

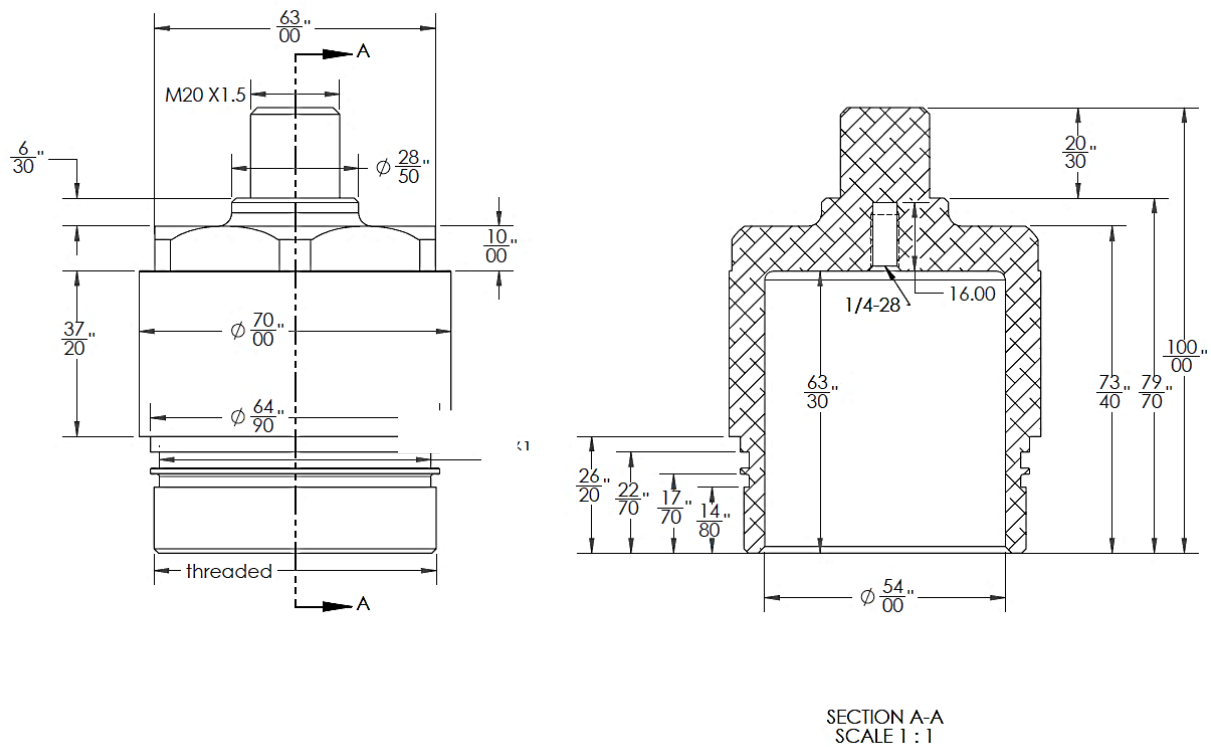


Figure 1. Yekan YB/21128 Velocity Transducer Housings Top Diagram

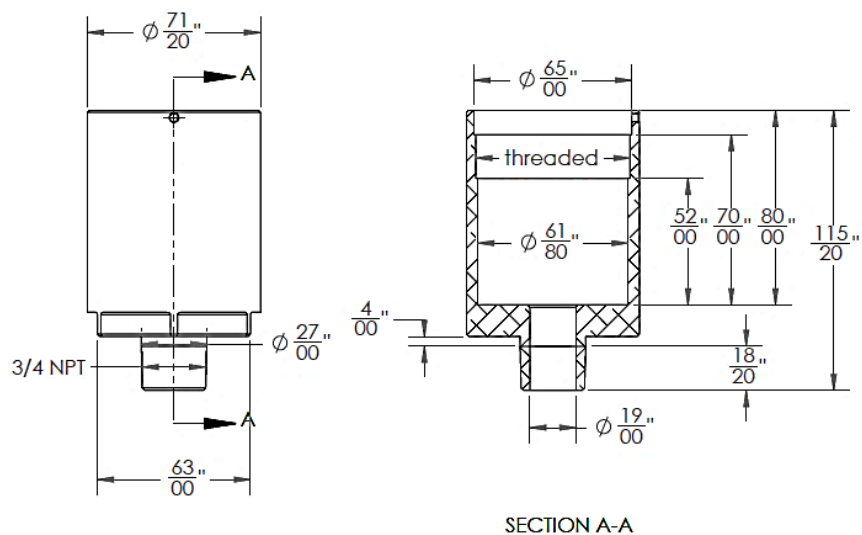


Figure 2. Yekan YB/21128 Velocity Transducer Housings Bottom Diagram

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