



Photo courtesy of All American Marine

Jastram Rudder Angle Indicators

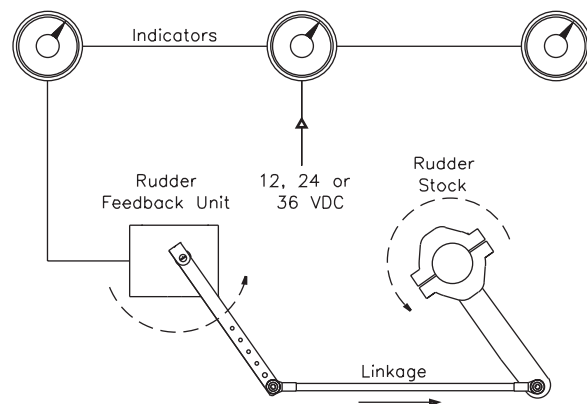
Series 300 RAI

Know your rudder angle at all times! The Jastram Series 300 Rudder Angle Indicator System provides continuous, accurate indication of your rudder's position.

Every Jastram RAI system requires a feedback unit and at least one rudder angle indicator. In a system up to five indicators can be used with a mixture of forward and reverse scale meters.

The 2 main components in a Jastram RAI system are:

1. Rudder Angle Indicator
2. Rudder Feedback Unit





Series 300 Indicator

- 75mm (3in) face diameter
- The Series 300 are IP 56 to the face
- Indicator readings are not affected by low or fluctuating supply voltage
- Reverse polarity protected
- Backlight for increased visibility of the scale
- Optional Backlight Dimmer available
- Each indicator has a gain adjustment for easy synchronization
- Reverse scale indicators are available for aft facing stations
- Indication up to 50 degrees port and starboard
- A high quality construction, anodized housings
- Fast Response time; up to 5 second rudder speeds

Series 300 Indicator housings

- Cases are standard SAE size
- Optional **Flushmount Bezel** (IP56 to the face) supplied with a seal for splashproof installation
- Optional bulkhead mount **Waterproof Housing** for outside stations (IP66)



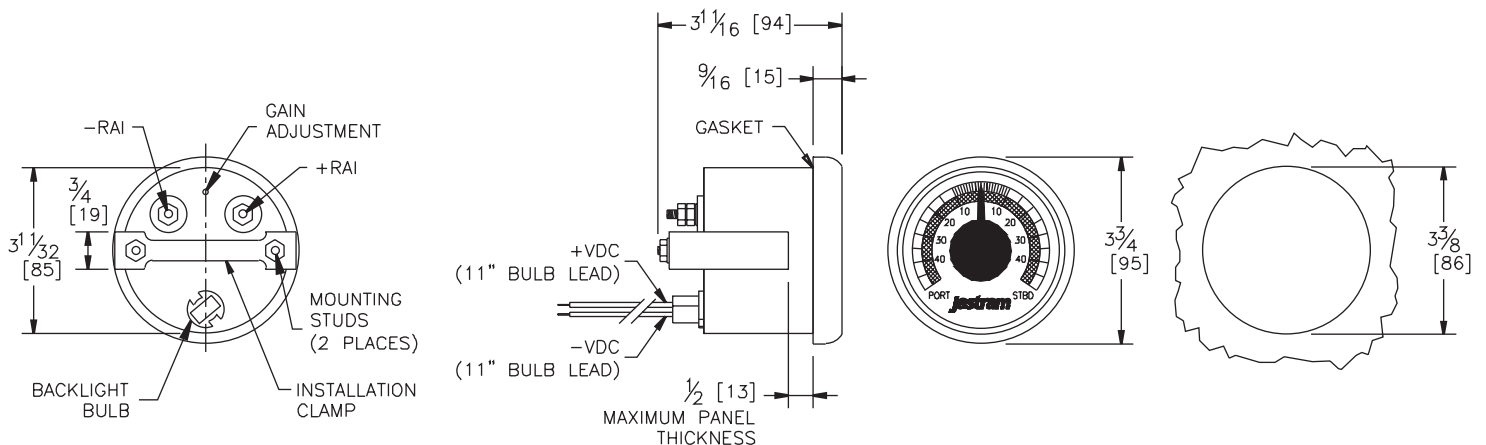
Rudder Feedback Unit

- High-impact, waterproof housings
- Fitted with plug-in connector for easy wiring and exchange of units in the field
- Internal gain adjustment controls the maximum pointer deflection of all system indicators
- Resistant to heavy vibration
- Some models can provide rudder position signal to an autopilot
- Unit must be mechanically linked to the rudder stock
- Corrosion-resisting brass lever linkage and swivels are supplied w/ RFU 400
- Optional Rudder Stock Clamp is available
- Supply Voltage; 12, 24 & 36 VDC

Rudder feedbacks for the Series 300 RAI system are:

- RFU 400** Commercial potentiometer and driver board
- RFU 1300** Hall effect device, driver board and limit switches (used with control system)
- RFU 2000** Commercial potentiometer, driver board and limit switches (used with control system)

RAI Signal Inputs:	400 ohms movement
	0 volts @ 0 degrees
	±1 mA / 50 degrees
Power Supply:	12, 24, 36 VDC
Cable:	18 AWG, 4 wire, shielded



Data is subject to change without notice.