

# TREBLE R FABRICATIONS

UNIT 42 – CROSSGATE ROAD – PARK FARM INDUSTRIAL ESTATE – REDDITCH – WORCS – B987SN

tel 01527 503 303 – fax 01527 503 325 – web [www.treblefabrications.co.uk](http://www.treblefabrications.co.uk)

## WEDECO WEIR PENSTOCK

All Wedeco Weir Penstocks are mounted into a chamber using existing rebates or the frame is side-wall mounted to the concrete sides.

The gate has the optional facility of a Probe Bracket which will send a signal to the central house indicating the level of water in the chamber at any point of time. This will in turn send a signal to the electrical actuator, which in turn will re-position the door height in the chamber.

Materials normally 316 stainless steel, however other materials can be supplied.



STAINLESS STEEL WEDECO WEIR PENSTOCK

WEDECO WEIR PENSTOCK

**Weir Penstock**  
**Wedeco Type**

**Operating Duty**

|                   |   |
|-------------------|---|
| Application:      | Flow control and isolation                        |
| Type of Mounting: | Channel   |
| Type of Media:    | Water and Sewage                                  |
| Operating Head:   | Top of door on-seating<br>Top of door off seating |

**Options Mounting :**

|  |
|--|
| Side Wall Mounted in Channel                                 |
| Stem Types: Rising and non-rising                            |
| Size Range: Any size from 600mm to 3000mm<br>in width format |

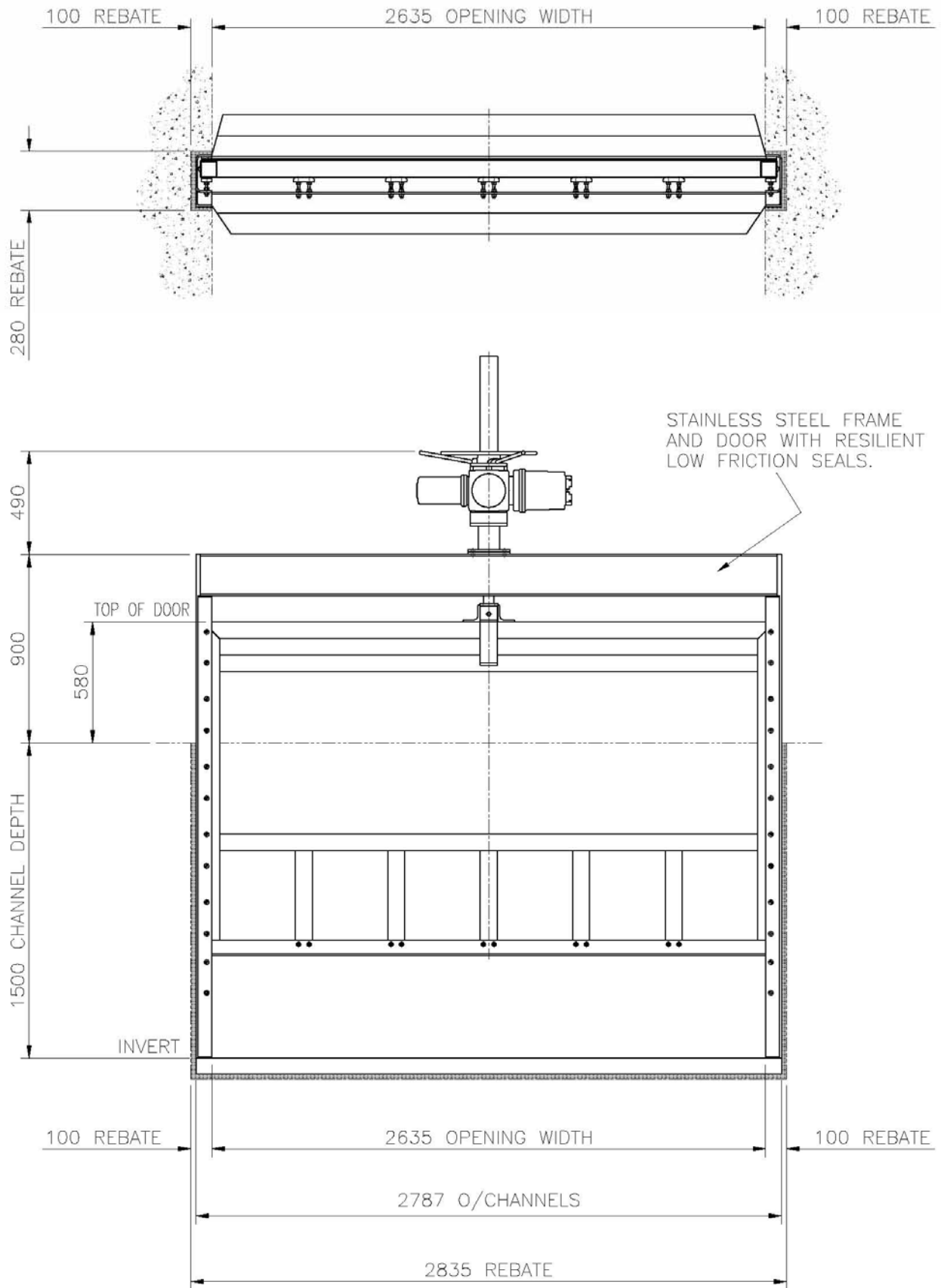
**Applicable Standards**

BS 7775: 1995, Specification for general  
purpose penstocks

**Construction Materials**

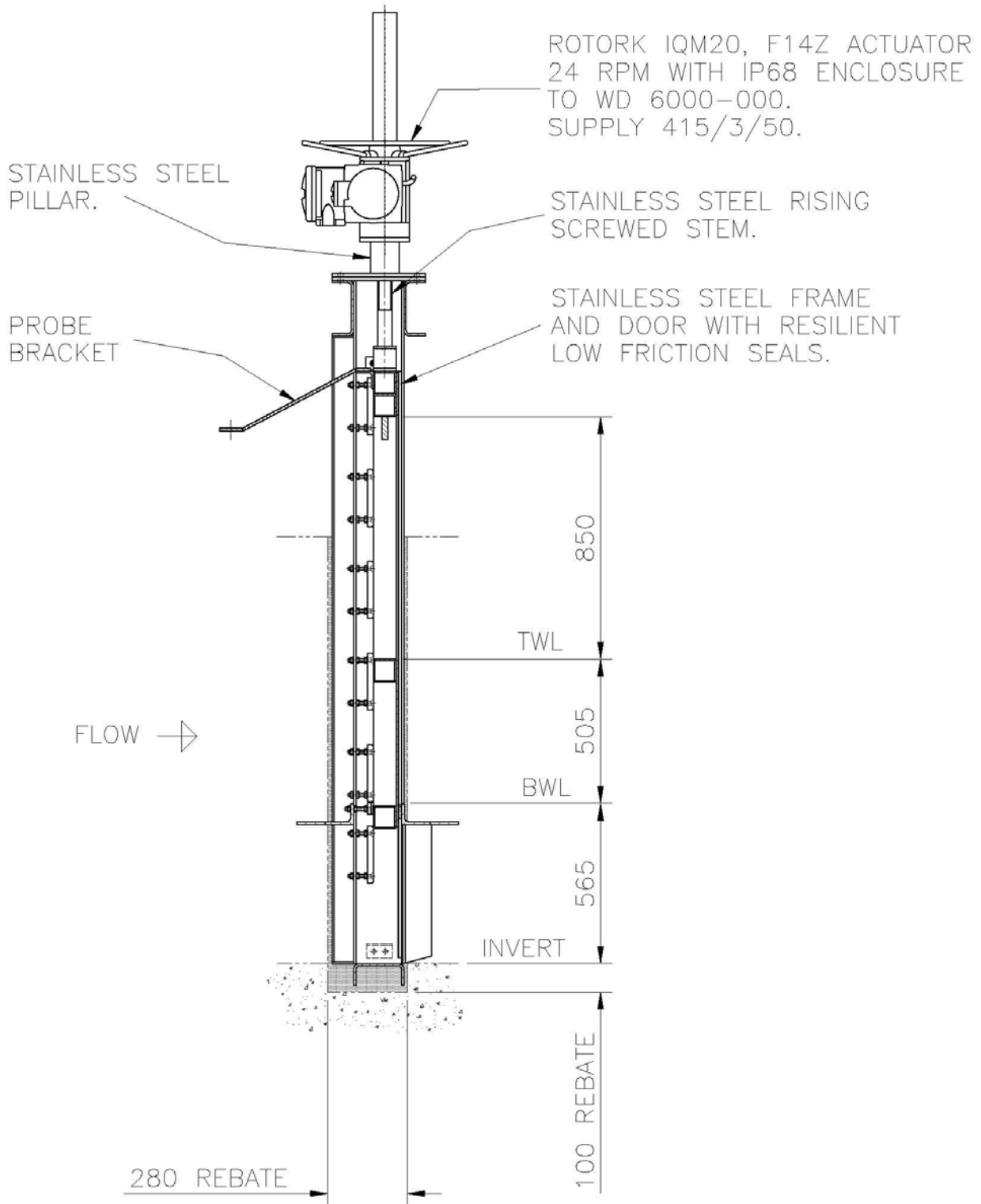
| <u>ITEM</u> | <u>DESCRIPTION</u> | <u>MATERIAL</u>  |
|-------------|--------------------|--|
| 1           | Frame              | Mild Steel, BS 4360 Gr 43A<br>Stainless Steel, BS 970 Gr 304<br>Stainless Steel, BS 970 Gr 316     |
| 2           | Door               | Mild Steel, BS 4360 Gr 43A<br>Stainless Steel, BS 970 Gr 304<br>Stainless Steel, BS 970 Gr 316     |
| 3           | Seals              | Low Friction Polyolefin  |
| 4           | Stem               | Stainless Steel, BS 970 Gr 303<br>Stainless Steel, BS 970 Gr 304<br>Stainless Steel, BS 970 Gr 316 |
| 5           | Fasteners          | Stainless Steel, BS 6105, Gr A4  |

# WEDECO WEIR PENSTOCKS CHANNEL MOUNTING FRONT AND PLAN VIEW



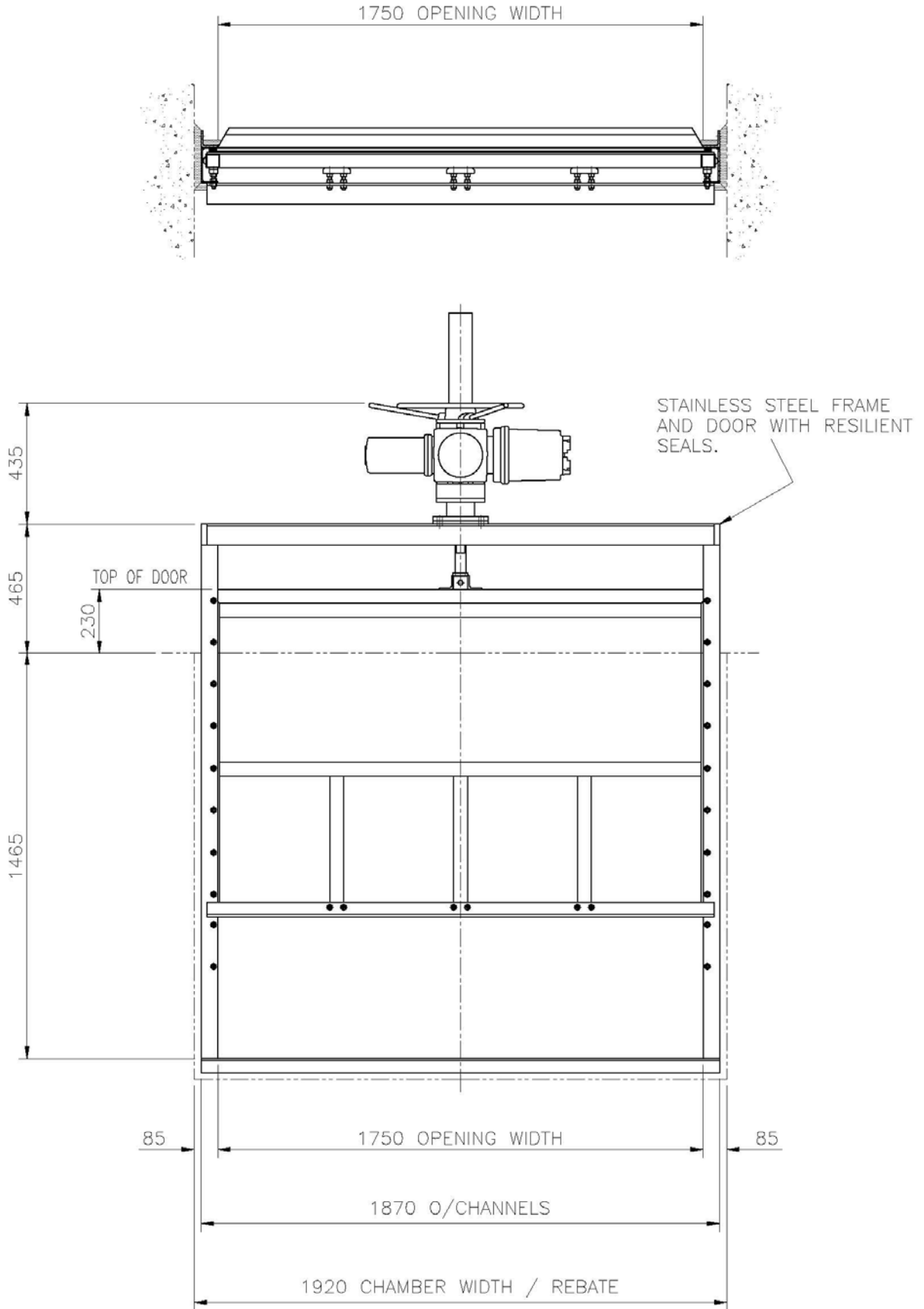
Typical drawing only of a Channel Mounting Type Wedeco Weir Penstock complete with Electric Rotork Actuator and Probe Bracket Grade 304ss Frame and Weir Door.

# WEDECO WEIR PENSTOCKS CHANNEL MOUNTING SIDE VIEW



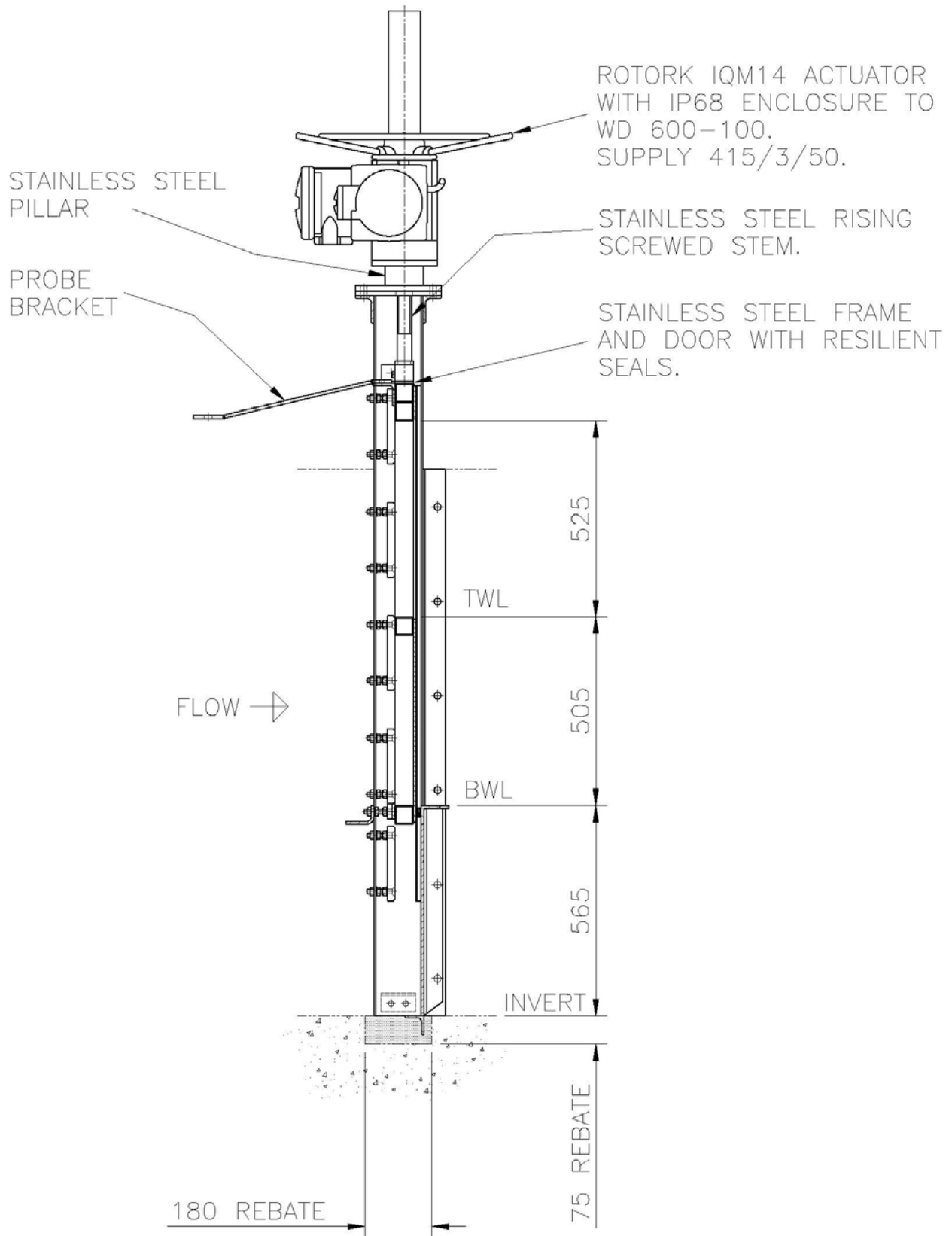
Typical drawing only of a Channel Mounting Type Wedeco Weir Penstock complete with Electric Rotork Actuator and Probe Bracket Grade 304ss Frame and Weir Door.

# WEDECO WEIR PENSTOCKS SIDE WALL MOUNTING FRONT AND PLAN VIEW



Typical drawing only of a Side Wall Mounting Type Wedeco Weir Penstock complete with Electric Rotork Actuator and Probe Bracket Grade 304ss Frame and Weir Door.

**WEDECO WEIR PENSTOCKS  
SIDE WALL MOUNTING  
SIDE VIEW**



Typical drawing only of a Side Wall Mounting Type Wedeco Weir Penstock complete with Electric Rotork Actuator and Probe Bracket Grade 304ss Frame and Weir Door.