

# Model 4903

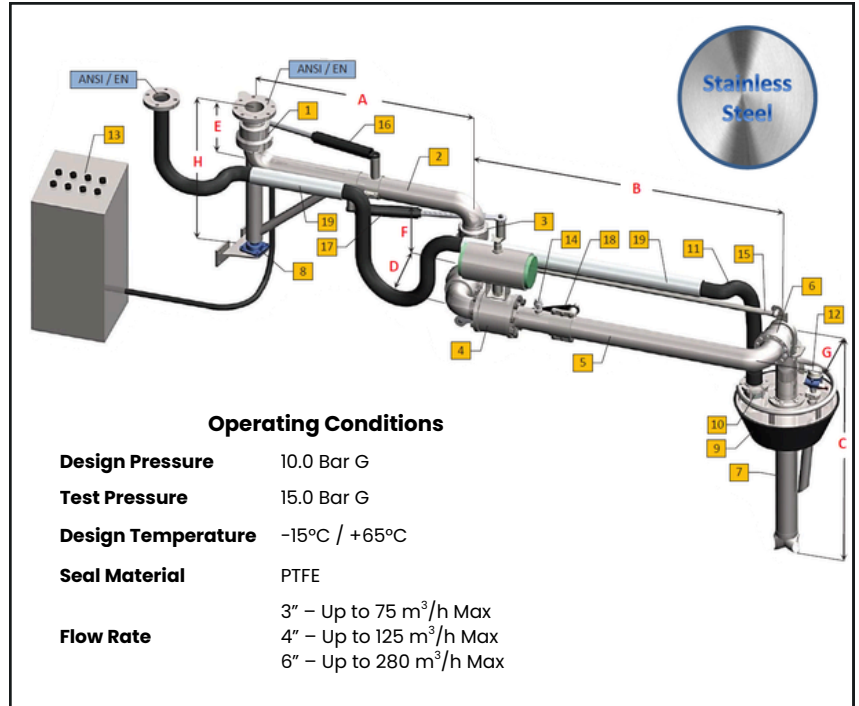
## Double Range Top Loading Arm Hydraulically Operated (Automatic)

| Part List |   |                     |
|-----------|---|---------------------|
| Pos.      | Description                                 | Model               |
| 1         | Style 30 Base Swivel Joint                  | 2833 / SS-2815      |
| 2         | Boom Assembly                               |                     |
| 3         | Style 70 Double Swivel Joint                | 2833 / SS-2815      |
| 4         | Ball Valve with Actuator                    |                     |
| 5         | Primary Arm                                 |                     |
| 6         | Style 40 Drop Tube Swivel Joint             | 2833 / SS-2815-2175 |
| 7         | Drop Tube                                   | 2359                |
| 8         | Pillow Block                                | 4354                |
| 9         | Vapour Recovery Cone                        |                     |
| 10        | Vapour Check Valve                          |                     |
| 11        | Vapour Recovery Hose with Flange Connection |                     |
| 12        | Level Sensor                                |                     |
| 13        | Control Unit with Push Buttons              |                     |
| 14        | 3/8" NPT Vacuum Breaker                     | 2336                |
| 15        | Vertical Linkage                            |                     |
| 16        | Hydraulic Cylinder for Boom Assembly        |                     |
| 17        | Hydraulic Cylinder for Primary Arm          |                     |
| 18        | Hydraulic Cylinder for Up/Down Movement     |                     |
| 19        | Flexible Hose Support Structures            |                     |

| Standard Dimensions |           |           |           |
|---------------------|-----------|-----------|-----------|
| Dia                 | 3"        | 4"        | 6"        |
| A                   | 1000÷1500 | 1000÷1500 | 1000÷1500 |
| B                   | 1500÷2000 | 1500÷2000 | 1500÷2000 |
| C                   | 1200÷1800 | 1200÷1800 | 1200÷1800 |
| D                   | 347       | 424       | 524       |
| E                   | 302       | 346       | 460       |
| F                   | 347       | 424       | 624       |
| G                   | 318       | 394       | 484       |
| H                   | 1000      | 1000      | 1000      |
| <b>Weight</b>       | 210       | 300       | 500       |

### Notes:

- Earthing continuity along the arm, according to the ATEX directive.
- Model 2833/SS Swivel Joints made entirely from AISI 316-L stainless steel.
- Model 2815 Swivel Joints with AISI 316-L stainless steel internal parts and sealing surfaces and carbon steel external body.
- Also available in total carbon steel construction.
- Equipped with electro-hydraulic power unit.



### Options:

- Pos. 7 with anti-spill system
- Electronic level sensor instead of the pneumatic overfill probe
- Double level sensor (pneumatic or electronic type)
- Electrically-heated or jacketed version for hot products
- Insulation of the arm up to the vapor recovery/smoke suction cone
- 4928-A or 4928-B support standpost
- Non-destructive tests (RT-PT-MT) available on request

### Demonstration of Operating Area

