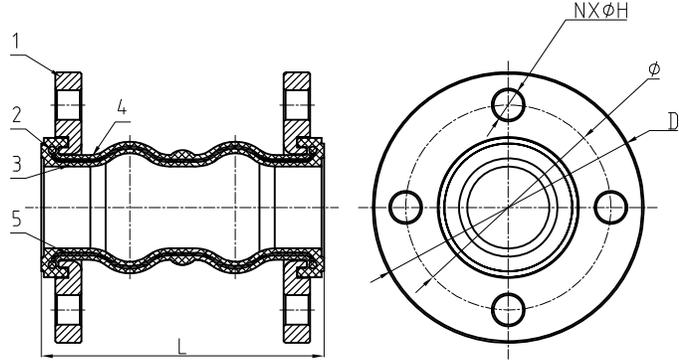


## Flexible Rubber Joint Twin Sphere Galvanized Carbon Steel Flange Connection (XTQ2RF)



XTQ2RF

- Connection Ends: Flange Drilling to ASME B16.1 CL125
- Working Pressure: 300PSI  
200PSI and 250PSI available upon request
- Temperature Range: -10°C - 115°C
- Vacuum Capacity: 650MM/HG

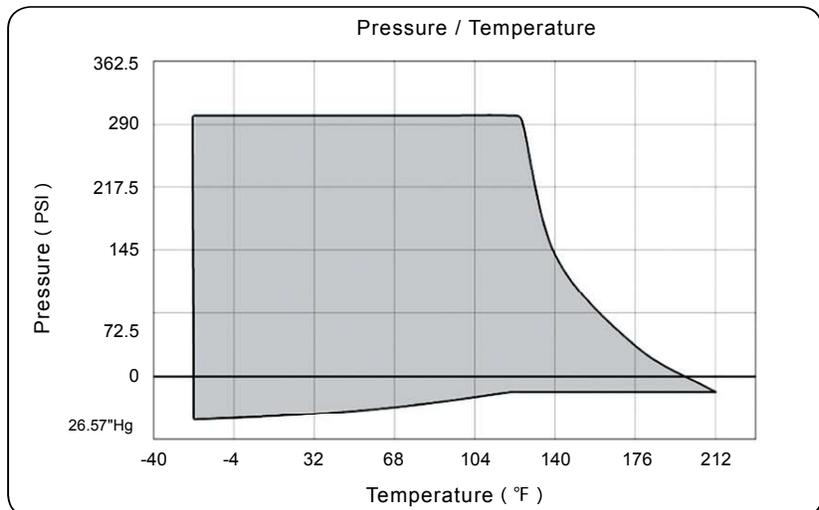


### MATERIAL SPECIFICATION

| Part No. | Part               | Standard Specification  |
|----------|--------------------|-------------------------|
| 1        | Flange             | Galvanized Carbon Steel |
| 2        | Reinforcing Ring   | Carbon Steel            |
| 3        | Rubber (Inner)     | EPDM                    |
| 4        | Rubber (Outer)     | EPDM                    |
| 5        | Reinforcing Fabric | Nylon Fabric            |

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

| Inch   | mm  | Neutral Length(mm) |     |       |         | Axial(mm)  |             | Transverse Movement(mm) | Angular Deflection Deg. |
|--------|-----|--------------------|-----|-------|---------|------------|-------------|-------------------------|-------------------------|
|        |     | L                  | D   | Ø     | N-ØH    | Elongation | Compression |                         |                         |
| 1 1/4" | 32  | 175                | 115 | 88.9  | 4X15.9  | 30         | 45          | 45                      | 45                      |
| 1 1/2" | 40  | 175                | 127 | 98.5  | 4X15.9  | 30         | 45          | 45                      | 45                      |
| 2"     | 50  | 175                | 152 | 120.7 | 4X19.1  | 30         | 45          | 45                      | 45                      |
| 2 1/2" | 65  | 175                | 178 | 139.7 | 4X19.1  | 30         | 45          | 45                      | 45                      |
| 3"     | 80  | 175                | 191 | 152.4 | 4X19.1  | 35         | 50          | 40                      | 30                      |
| 4"     | 100 | 225                | 229 | 190.5 | 8X19.1  | 35         | 50          | 40                      | 30                      |
| 5"     | 125 | 225                | 254 | 215.9 | 8X22.2  | 35         | 50          | 40                      | 30                      |
| 6"     | 150 | 225                | 279 | 241.3 | 8X22.2  | 35         | 60          | 35                      | 15                      |
| 8"     | 200 | 325                | 343 | 298.5 | 8X22.2  | 35         | 60          | 35                      | 15                      |
| 10"    | 250 | 325                | 406 | 362   | 12X25.4 | 35         | 60          | 35                      | 15                      |
| 12"    | 300 | 325                | 483 | 431.8 | 12X25.4 | 35         | 60          | 35                      | 15                      |
| 14"    | 350 | 350                | 533 | 476.3 | 12X28.6 | 35         | 60          | 35                      | 15                      |





# CERTIFICATE

Certificate No.  
**10.16.1674**

Date of 1<sup>st</sup> Issue  
**02/12/2022**

Valid From  
**08/01/2024**

The Certificate is valid until  
**01/12/2024**

**Jinan Meide Casting Co., Ltd.**  
No.1 Meide Street, Rose Town, Pingyin County, Jinan  
City, Shandong Province, China

This is to certify that, upon the relevant request of the applicant, EUROCERT as Third Party Authority has certified that the above manufacturer implements, operates and maintains a Quality Assurance System in accordance with the Pressure Equipment Directive 2014/68/EU (PED) Annex I, Paragraph 4.3 as Material Manufacturer for the scope of manufacture of **Groove Couplings and fittings, Malleable Iron fitting and Ductile Iron fittings.**

Relevant products covered by this certificate are listed in ANNEX A to this certificate.

The manufacturer is, therefore, authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment Directive 2014/68/EU and applied technical specifications.

Possible additional requirements-specific to applied technical specifications to meet PED Annex I are not affected.

The validity of this certificate is subject to a valid certification in accordance with ISO 9001:2015 with a related to production of materials for pressure equipment scope.

This certificate remains valid only when the organization passes the annual surveillance audits.



On behalf of EUROCERT S.A.

**GEORGE N. SIFONIOS**

Director of International Markets

Check the validity of the Certificate by scanning the QR code at right.  
EUROCERT S.A. 89 Chlois & Lykovriseos str., 144 52, Metamorphosi – Greece  
T +30 210 62.52.495, +30 210 62.53.927, F +30 210 62.03.018, M eurocert@otenet.gr





# ANNEX TO CERTIFICATE NO.: 10.16.1674

## LIST OF MATERIAL

| Material standard | Grade          | Product          | DN (mm)   | PN (bar) | Content     | Temperature Range |
|-------------------|----------------|------------------|-----------|----------|-------------|-------------------|
| EN 1562           | EN-GJMB-350-10 | Coupling         | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Elbow            | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Tee              | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Cross            | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Mechanical Tee   | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Mechanical Cross | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Reducer          | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Cap              | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Flange           | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Adaptor Flange   | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
| EN 1563           | EN-GJS-450-10  | Grooved Flange   | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Expansion Joint  | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | bend             | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | socket           | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | bushing          | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | nipple           | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | plug             | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | nut              | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | union            | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | extension piece  | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Adaptor Flange   | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Grooved Flange   | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |
|                   |                | Expansion Joint  | 6 to 1600 | 16 to 64 | Liquid, Gas | -40°C - +177°C    |

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