

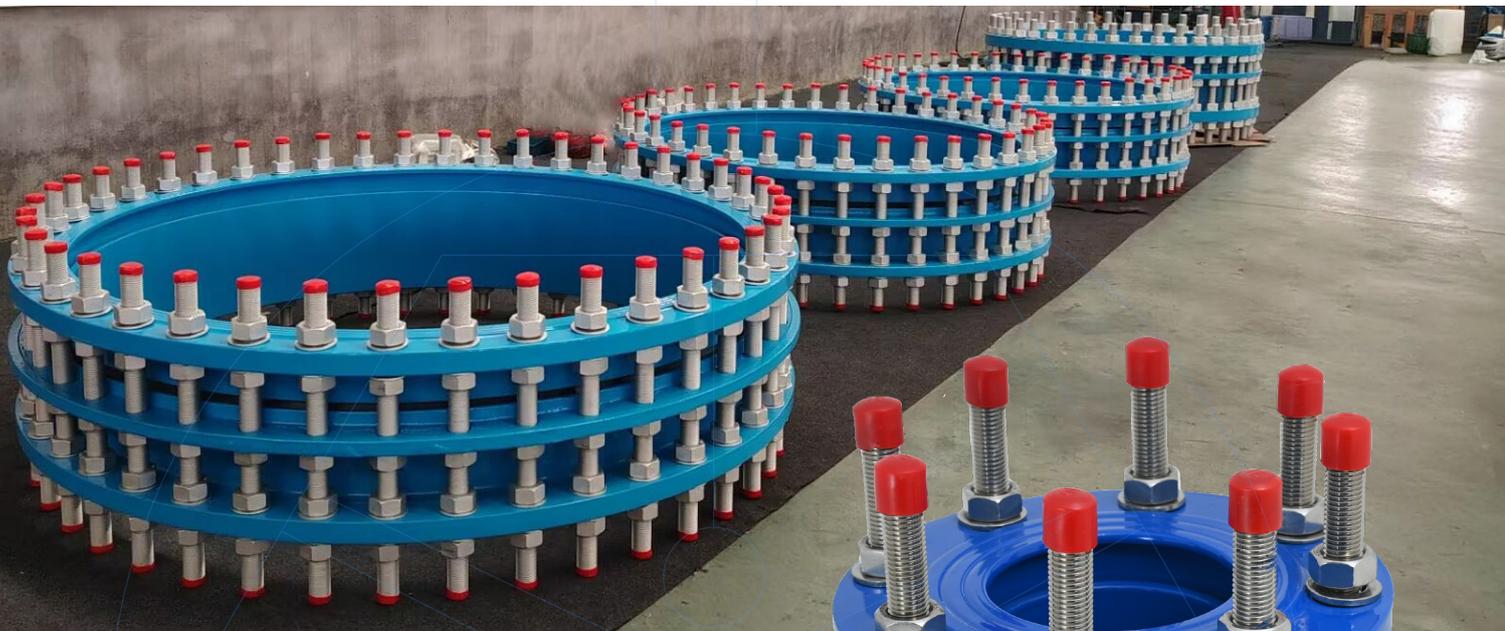


DAVINCI TECHNICAL DATA GUIDE

# DISMANTLING JOINTS

## 3 FLANGES

Ref. 241A-ROV / PN 10-16-25



### Application

Used next to valves and pipeline equipment where occasional disassembly is required, allowing easy removal for maintenance without replacing or cutting the pipe.

### Approvals/Standards

Mounting between flanges: PN10/16/25 EN 1092-2, ISO 7005-2.  
Pressure Tests acc. to EN 12266-1  
Pressure Tests: Body: 1,5 x PN.



### Certifications

CE, WRAS

### Range

DN50-2000, PN10-16; DN80-1600 PN25

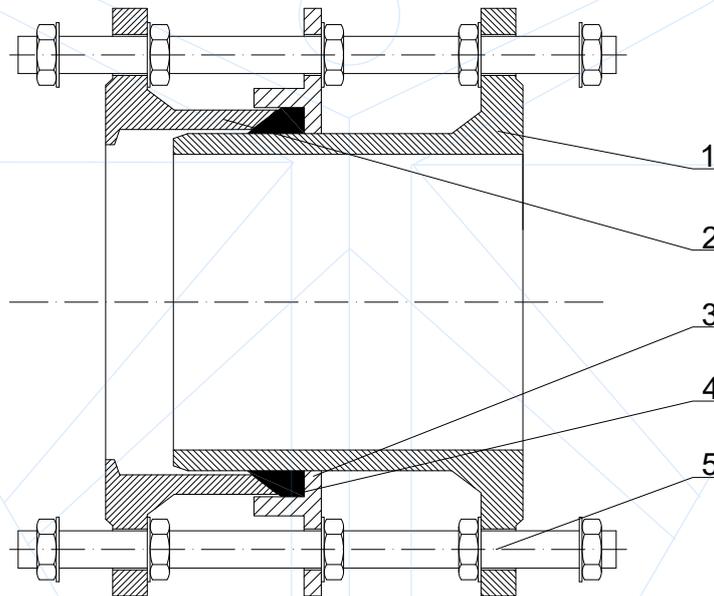
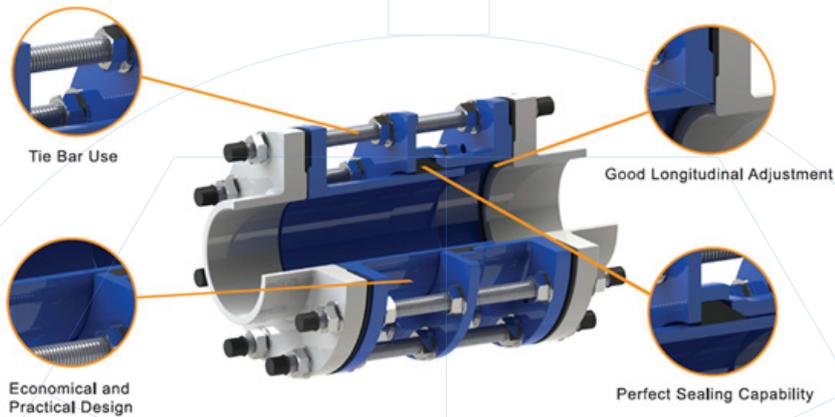


## GENERAL CHARACTERISTICS

Range from DN50 up to DN2000  
 Full bore.  
 Minimum head loss.  
 Designed with up to  $\pm 25$  mm longitudinal adjustment.  
 Can be locked at the required length with the tie rods supplied.  
 Epoxy coating FBE 250 microns minimum.  
 WRAS under request.

## WORKING CONDITIONS

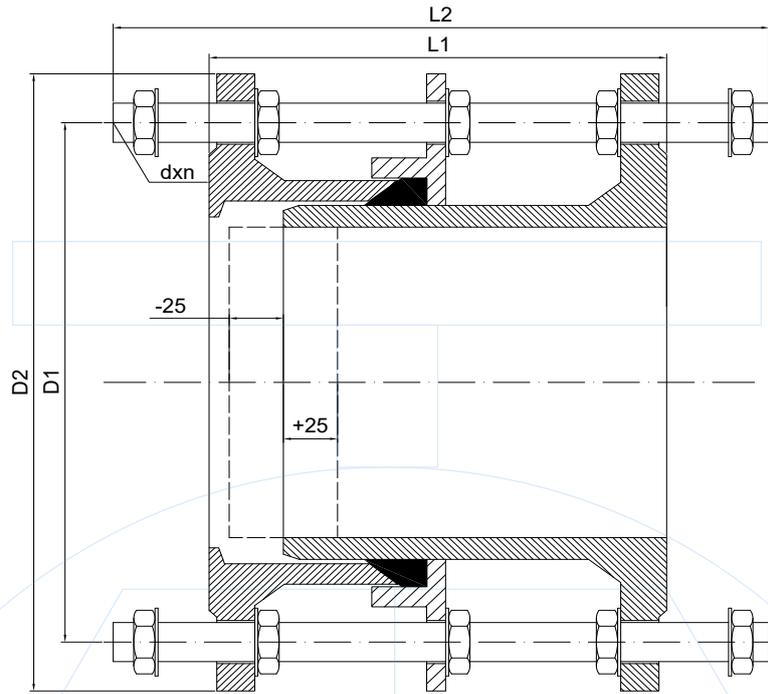
Maximum working pressure: 10, 16 or 25 bar.  
 Working pressure: 10 bar.  
 Working temperature:  $-5^{\circ}\text{C}$   $+100^{\circ}\text{C}$ .  
 Suitable media: water.  
 Consult factory for other applications.



| Nº | ITEM       | MATERIAL                       |
|----|------------|--------------------------------|
| 1  | Long body  | GSJ500-7 / AISI 316L           |
| 2  | Short body | GSJ500-7 / AISI 316L           |
| 3  | Retainer   | GSJ500-7 / AISI 316 L          |
| 4  | Gasket     | EPDM                           |
| 5  | Tie rods   | 4.8 / 8.8 (DRACOMET) / A2 / A4 |

*Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.*

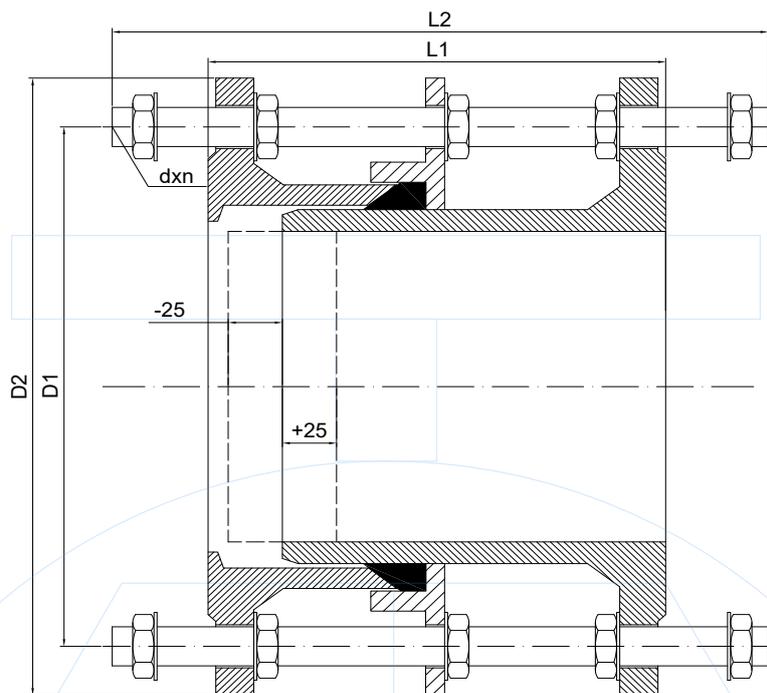
## DIMENSIONS PN10/16



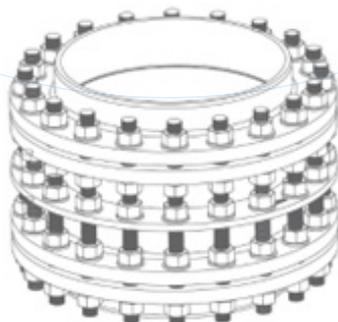
| DN   | D1   |      | D2   |      | L1  | L2   |      | n-Ød  |       | Weight (kg) |
|------|------|------|------|------|-----|------|------|-------|-------|-------------|
|      | PN10 | PN16 | PN10 | PN16 |     | PN10 | PN16 | PN10  | PN16  |             |
| 50   | 125  |      | 165  |      | 180 | 310  | 310  | 4-16  |       | 8           |
| 65   | 145  |      | 185  |      | 180 | 310  | 310  | 4-16  |       | 12          |
| 80   | 160  |      | 200  |      | 200 | 330  | 330  | 8-16  |       | 14          |
| 100  | 180  |      | 220  |      | 200 | 330  | 330  | 8-16  |       | 17          |
| 125  | 210  |      | 250  |      | 200 | 330  | 330  | 8-16  |       | 20          |
| 150  | 240  |      | 285  |      | 200 | 340  | 340  | 8-20  |       | 26          |
| 200  | 295  |      | 340  |      | 220 | 350  | 350  | 8-20  | 12-20 | 36          |
| 250  | 350  | 355  | 400  |      | 230 | 370  | 380  | 12-20 | 12-24 | 52          |
| 300  | 400  | 410  | 455  |      | 230 | 380  | 400  | 12-20 | 12-24 | 63          |
| 350  | 460  | 470  | 505  | 520  | 230 | 380  | 410  | 16-20 | 16-24 | 93          |
| 400  | 515  | 525  | 565  | 580  | 230 | 400  | 420  | 16-24 | 16-27 | 120         |
| 450  | 565  | 585  | 615  | 640  | 250 | 420  | 440  | 20-24 | 20-27 | 150         |
| 500  | 620  | 650  | 670  | 715  | 260 | 430  | 460  | 20-24 | 20-30 | 200         |
| 600  | 725  | 770  | 780  | 840  | 260 | 440  | 490  | 20-27 | 20-33 | 279         |
| 700  | 840  | 840  | 895  | 910  | 260 | 450  | 500  | 24-27 | 24-33 | 280         |
| 800  | 950  | 950  | 1015 | 1025 | 290 | 480  | 530  | 24-30 | 24-36 | 385         |
| 900  | 1050 | 1050 | 1115 | 1125 | 290 | 480  | 530  | 28-30 | 28-36 | 460         |
| 1000 | 1160 | 1170 | 1230 | 1255 | 290 | 500  | 570  | 28-33 | 28-39 | 580         |
| 1100 | 1270 | 1270 | 1340 | 1355 | 310 | 530  | 570  | 32-33 | 32-39 | 700         |
| 1200 | 1380 | 1390 | 1455 | 1485 | 320 | 545  | 620  | 32-36 | 32-45 | 860         |
| 1400 | 1590 | 1590 | 1675 | 1685 | 380 | 620  | 660  | 36-39 | 36-45 | 1020        |
| 1500 | 1700 | 1710 | 1785 | 1820 | 400 | 650  | 700  | 36-39 | 36-52 | 1400        |
| 1600 | 1820 | 1820 | 1915 | 1930 | 400 | 660  | 720  | 40-45 | 40-52 | 1600        |
| 1800 | 2020 | 2020 | 2115 | 2130 | 420 | 680  | 730  | 44-45 | 44-52 | 2100        |
| 2000 | 2230 | 2230 | 2325 | 2345 | 440 | 710  | 760  | 48-45 | 48-56 | 2650        |

The designs, materials and technical specifications indicated herein are subject to modification without prior notice, as part of the continuous development of our manufacturing programme, product refinement and technological advancement.

## DIMENSIONS PN25



| DN   | D1   | D2   | L1  | L2  | n-Ød  | Weight (kg) |
|------|------|------|-----|-----|-------|-------------|
| 80   | 160  | 200  | 200 | 340 | 8-16  | 14          |
| 100  | 190  | 235  | 200 | 340 | 8-20  | 29          |
| 125  | 220  | 270  | 200 | 340 | 8-24  | 36          |
| 150  | 250  | 300  | 200 | 350 | 8-24  | 42          |
| 200  | 310  | 360  | 220 | 370 | 12-24 | 73          |
| 250  | 370  | 425  | 230 | 390 | 12-27 | 106         |
| 300  | 430  | 485  | 245 | 410 | 16-27 | 130         |
| 350  | 490  | 555  | 250 | 430 | 16-30 | 180         |
| 400  | 550  | 620  | 260 | 460 | 16-33 | 200         |
| 450  | 600  | 670  | 275 | 480 | 20-33 | 266         |
| 500  | 660  | 730  | 280 | 480 | 20-33 | 310         |
| 600  | 770  | 845  | 305 | 530 | 20-36 | 465         |
| 700  | 875  | 960  | 305 | 540 | 24-39 | 515         |
| 800  | 990  | 1085 | 330 | 590 | 24-45 | 610         |
| 900  | 1090 | 1185 | 330 | 600 | 28-45 | 680         |
| 1000 | 1210 | 1320 | 350 | 640 | 28-52 | 1008        |
| 1200 | 1420 | 1530 | 390 | 690 | 32-52 | 1300        |
| 1400 | 1640 | 1755 | 425 | 750 | 36-56 | 1650        |
| 1600 | 1860 | 1975 | 470 | 800 | 40-56 | 2250        |





**OPTIONS**



**Standard, Ductile Iron body**



**Stainless steel body & rods**



**Extended rods, for installation with wafer valves**



**CERTIFICATES AND CERTIFICATIONS**

Standard version

- 2 years warranty Certification
- 3.1. Technical Standard Test report supplied
- Possibility of additional Testing proofs, under request
- Certification for components and for whole product per request.

Form QAF\_10-465, version 02, effective since October 07th, 2022

**VERIFICATION**

No. 3N240126.DV0511

Test Report / Technical Construction File no. B-5240281091

Verification's Holder: **DAVINCI VALVES**  
18 Dongyu Street, Square One 11th Floor 1101, Jinjiang District, Chengde, Sichuan, China

Verification ECM Mark:

Product: **DISMANTLING JOINTS DUCTILE IRON**  
Model(s): **330**  
DNS0-DN2000 PN10-PN25

Verification to: Standard: **EN 545:2010**  
related to CE Directive(s): **2014/68/EU (Pressure Equipment)**

This document has been issued in accordance with the European Commission's note of 14 September 2022 ref. Ares (2022) 6342894 concerning voluntary certifications with non-notified procedure and for products intended for third countries outside the EU market.

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Erte Certificazione Macchine confirms that the documentation made available and immediately returned to it, or containing similar data, meets the essential requirements of the above-mentioned directives. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. The above conformity mark can be affixed to the technical documentation in accordance with the ECM regulation on its base and use, published on the website [www.erte.com](http://www.erte.com)

Issuance date: 26 January 2024  
Expiry date: 25 January 2029

Approver:   
Erte Certificazione Macchine  
Legal Representative  
Luca Balogher

Erte Certificazione Macchine Srl  
Via Car' Bella, 243 - Loc. Castello di Sernavalle - 40053 Valsamoggia (BO) - ITALY  
☎ +39 051 4702141 • +39 051 4702146 • [erte@ertecert.com](mailto:erte@ertecert.com) • [www.ertecert.com](http://www.ertecert.com)

This certifies that

**DAVINCI VALVES**

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Number

**330 FITTINGS FOR USE WITH TUBE AND PIPE**

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory ([www.wras.co.uk/](http://www.wras.co.uk/) directory).

The product so mentioned will be valid until the end of:

December 2028  
Certificate No. **2312082**

Ian Hughes,  
WRAS Approvals Manager

CE

WRAS



CONTACT US

# DAVINCI GATE VALVES ORDER REQUEST

Ref. 241A-ROV / PN 10-16-25



## Head Office CHENGDU

Room 3109 Unit 1 Building 2,  
No. 68 Dongda Street  
Jinjiang District, Chengdu, Sichuan  
CHINA

+86 17340168233 +86 19302892712  
valves@davincivalves.com

Europe Office MADRID  
SPAIN  
zuzana@davincivalves.com

## WEBSITE

davincivalves.com

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For professionals who look for more.