



DISMANTLING JOINT

GENERAL FEATURES

Dismantling joint is easy to assemble and disassemble the valves. It consists of short pipes, flanges, studs and nuts. It is used for install and disassembling of valve or similar equipment to pipeline or other equipment. During the install or disassembly, the working area can be created by shorteing the lenght of dismantling joint. The dismantling joint must be applied to the system by the taking into consideration of "L" length and flow direction.

Ayvaz dismantling joints move (+) 40 mm, (-) 40 mm from the "L" direction to connect a valve or similar equipment to the line. In order to allow the valve to intervene and to attach the gaskets, a greater distance between the two flanges should be maintained.

Our dismantling parts are manufactured as semi-rigid. On request, the full rigid and telescopic type can be produced. Rigid type design disassembly parts allow mounting without requiring additional bolts and nuts.

After the valve is connected to a flange, the other flange connected to dismantling joint. Two interlocking tubular slide over each other to close the distance. By tightening the rods tightening the bolts of the disassembly part, the assembly process is completed. When removing the valve, these instructions should be done by reverse.

Maintanance is not need for the dismantling joint. If the valve is removed from the line, the valve ring is checked and replace.

Materials:

Body Pipe: GGG 40-50

Rod and Nut: Galvanized Steel

Connection:

Flanged

Working Temperature:

From - 10°C to + 80°C

Pressure Class

PN10 / PN16

Sealing Ring:

EPDM

Nominal Diameter:

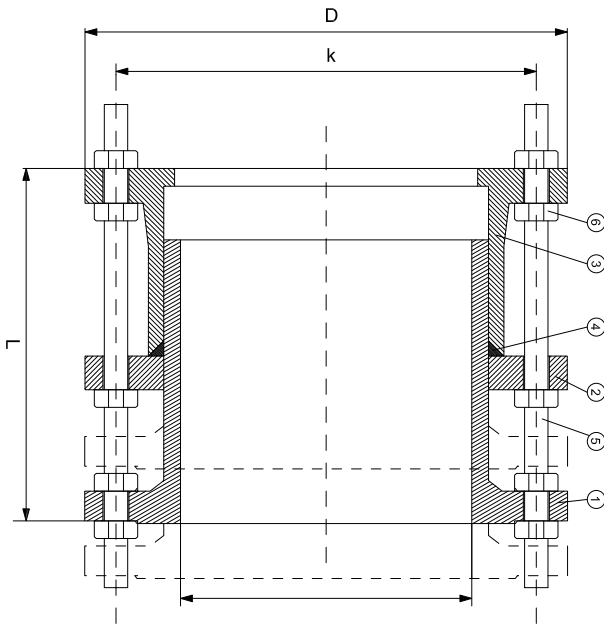
DN100 (4") – DN2000 (80")

Applications:

- Heating, ventilation and air conditioning systems
- Water treatment and distribution systems
- Mining industry
- Shipbuilding and drilling facilities
- Chemical and petrochemical plants
- Food and chemical enterprises
- Oil and gas processes
- Fire extinguishing systems

DISMANTLING JOINT

TECHNICAL SPECIFICATIONS



| PART LIST | | |
|-----------|-----------------|------------------|
| No | Part Name | Material |
| 1 | Long Part | GGG 40-50 |
| 2 | Pressure Flange | GGG 40-50 |
| 3 | Short Part | GGG 40-50 |
| 4 | Gasket | EPDM |
| 5 | Rod | Galvanized Steel |
| 6 | Nut | Galvanized Steel |

| DIA. (mm) | DIMENSIONS | | | | | | H | PN10 | PN16 |
|--------------|------------|------|-------|------|------|-------|----|------|------|
| | PN10 | | | PN16 | | | | KG | KG |
| | D | k | d2xn | D | k | d2xn | | | |
| 50 | 165 | 125 | 19x4 | 165 | 125 | 19x4 | 40 | 8 | 8 |
| 65 | 185 | 145 | 19x4 | 185 | 145 | 19x4 | 40 | 9 | 9 |
| 80 | 200 | 160 | 19x8 | 200 | 160 | 19x8 | 40 | 16 | 16 |
| 100 | 220 | 180 | 19x8 | 220 | 180 | 19x8 | 40 | 21 | 21 |
| 125 | 250 | 210 | 19x8 | 250 | 210 | 19x8 | 40 | 26 | 26 |
| 150 | 285 | 240 | 23x8 | 285 | 240 | 23x8 | 40 | 35 | 35 |
| 200 | 340 | 295 | 23x8 | 340 | 295 | 23x12 | 40 | 46 | 50 |
| 250 | 400 | 350 | 23x12 | 405 | 355 | 28x12 | 40 | 70 | 80 |
| 300 | 455 | 400 | 23x12 | 460 | 410 | 28x12 | 40 | 90 | 99 |
| 350 | 505 | 460 | 23x16 | 520 | 470 | 28x16 | 40 | 105 | 140 |
| 400 | 565 | 515 | 28x16 | 580 | 525 | 31x16 | 40 | 135 | 165 |
| 450 | 615 | 565 | 28x20 | 640 | 585 | 31x20 | 40 | 145 | 190 |
| 500 | 670 | 620 | 28x20 | 715 | 650 | 34x20 | 40 | 155 | 210 |
| 600 | 780 | 725 | 31x20 | 840 | 770 | 37x20 | 40 | 215 | 300 |
| 700 | 895 | 840 | 31x24 | 910 | 840 | 37x24 | 40 | 265 | 340 |
| 800 | 1015 | 950 | 34x24 | 1025 | 950 | 41x24 | 40 | 310 | 400 |
| 900 | 1115 | 1050 | 34x28 | 1125 | 1050 | 41x28 | 40 | 370 | 450 |
| 1000 | 1230 | 1160 | 37x28 | 1255 | 1170 | 44x28 | 40 | 450 | 500 |
| 1100 | 1340 | 1270 | 37x32 | 1355 | 1270 | 44x32 | 40 | 600 | 700 |
| 1200 | 1455 | 1380 | 41x32 | 1485 | 1390 | 50x32 | 40 | 730 | 840 |
| 1300 | 1585 | 1490 | 42x32 | 1585 | 1490 | 50x32 | 40 | 810 | 950 |
| 1400 | 1675 | 1590 | 44x36 | 1685 | 1590 | 50x36 | 40 | 890 | 1020 |
| 1500 | 1785 | 1700 | 44x36 | 1820 | 1710 | 57x36 | 40 | 1050 | 1250 |
| 1600 | 1915 | 1820 | 50x40 | 1930 | 1820 | 57x40 | 40 | 1680 | 2100 |
| 1800 | 2115 | 2020 | 50x44 | 2130 | 2020 | 57x44 | 40 | 2100 | 2800 |
| 2000 | 2325 | 2230 | 50x48 | 2345 | 2230 | 62x48 | 40 | 2400 | 3050 |



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