

# Right Angle Rubber Expansion Joint

Fig. W570

Rubber Body • Right Angle Rubber Sphere • Flanges Type

Sizes 2" through 12"

## SPECIFICATION

Design in accordance with GB/T26121,HCRJ-070

Flanges comply with EN1092-2,ISO 7005

Testing standards comply with GB/T26121

## TECHNICAL DATA

Working Pressure: 10Kg/cm<sup>2</sup>

Burst Pressure: 30Kg/cm<sup>2</sup>

Vacuum Rating: 400 mmHg

Size: 50mm(2")~300mm(12")

Medium Temperature: -15°C~115°C (according to material)

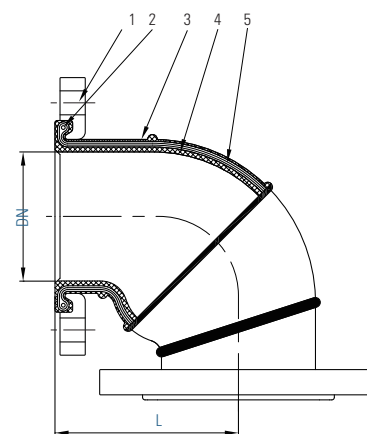
Ambient Temperature: -40°C~60°C

Working medium: Cold/hot water or 50% glycol solution

## MATERIAL LIST

| Part Name        | Materials                    | Material      |
|------------------|------------------------------|---------------|
| Flange           | Ductile Iron<br>Carbon Steel | QT450<br>Q235 |
| Reinforcing Ring | Carbon Steel                 | Steel wire    |
| Inner Rubber     | Rubber                       | EPDM/NBR/CR   |
| Outer Rubber     | Rubber                       | EPDM/NBR/CR   |
| Reinforcing Cord | Synthetic Fibre              | -             |

Flange Material (default): Ductile Iron

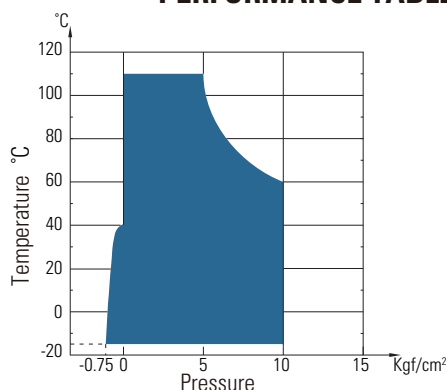


## DIMENSIONS

| DN<br>(mm) | NPS<br>(inch) | length<br>L | Allowable displacement |                        |             |                        |             |                        |
|------------|---------------|-------------|------------------------|------------------------|-------------|------------------------|-------------|------------------------|
|            |               |             | Streth<br>X            | Compre-<br>ssion<br>X1 | Streth<br>Y | Compre-<br>ssion<br>Y1 | Streth<br>Z | Compre-<br>ssion<br>Z1 |
| 50         | 2"            | 140         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 65         | 2-1/2"        | 140         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 80         | 3"            | 150         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 100        | 4"            | 160         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 125        | 5"            | 180         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 150        | 6"            | 200         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 200        | 8"            | 260         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 250        | 10"           | 280         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |
| 300        | 12"           | 305         | 20                     | 16                     | 20          | 16                     | 16          | 16                     |

Size: mm

## PERFORMANCE TABLE



Working Temperature vs. Working Pressure

Visit our website for the most current information.