

Double Sphere Union Type Rubber Expansion Joint

Fig. W620

Specification

Design in accordance with GB/T26121,HCRJ-070

Thread comply with ISO228/1

Testing standards comply with GB/T26121

Technical data

Working Pressure: 16Kg/cm² / 10Kg/cm²

Burst Pressure: 48Kg/cm² / 30Kg/cm²

Vacuum Rating: 500 mmHg / 400 mmHg

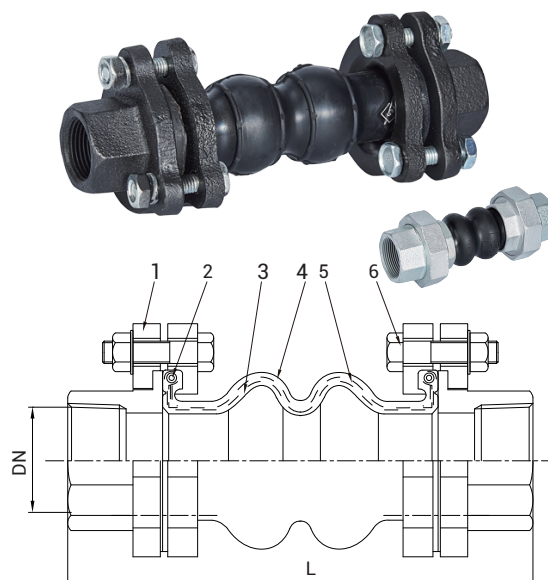
Size: 15mm(1/2")~50mm(2")

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

Ambient Temperature: -40°C ~ 60°C

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

Schematic



Material Specifications

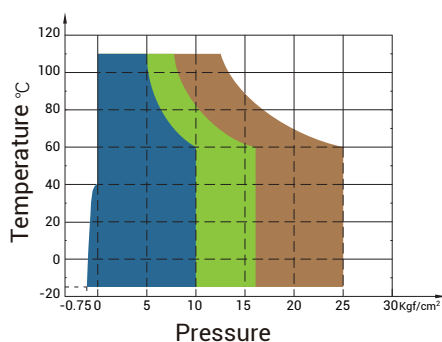
Part Name	Materials	Material
Union	Malleable Ductile Iron	- QT450
Reinforcing Ring	Carbon Steel	Steel wire
Inner Rubber	Rubber	EPDM/NBR/CR
Outer Rubber	Rubber	EPDM/NBR/CR
Reinforcing Cord	Synthetic Fibre	-
Bolt	Carbon Steel	-

Dimensions

DN mm	NPS inch	length L	Allowable displacement value				Allowable installation deviation			
			Streth A.E.	Compre ssion A.C.	Lateral Displace -ment T.M.	Angle of deflec -tion A.M.	Streth A.E.	Compre ssion A.C.	Lateral Displace -ment T.M.	Angle of deflec -tion A.M.
15	1/2"	180	10	15	15	30°	3	4	6	10°
20	3/4"	180	10	15	15	30°	3	4	6	10°
25	1"	180	10	15	15	30°	3	4	6	10°
32	1 1/4"	245	10	20	20	30°	3	6	8	10°
40	1 1/2"	245	10	20	20	30°	3	6	8	10°
50	2"	245	10	20	20	30°	3	6	8	10°

Size: mm
Angle: °

Performance Table



Working Temperature vs. Working Pressure