

Double Sphere Rubber Expansion Joint (Union Type)

Fig. W620

Rubber Body • Double Sphere • Threaded Type

Sizes 1/2" through 2"

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")

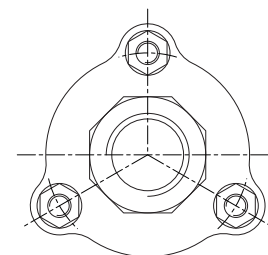
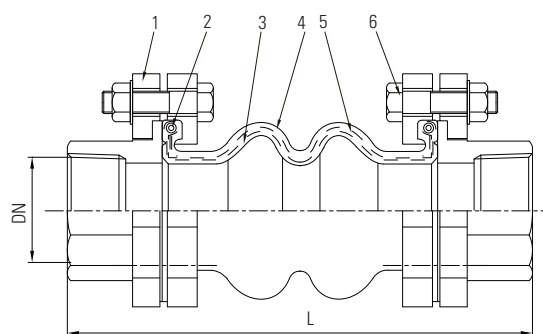
Medium temperature: -15°C~115°C (according to material)

Ambient temperature: -40°C~60°C

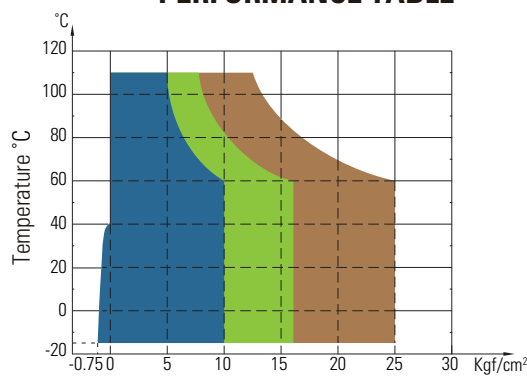
Working medium: Cold/hot water or 50% glycol solution

MATERIAL LIST

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	-



PERFORMANCE TABLE



Working Temperature vs. Working Pressure

DIMENSIONS

DN mm	NPS inch	Length L	Allowable displacement value			
			Streth A.E.	Compression A.C.	Lateral Displacement T.M.	Angle of deflection A.M.
15	1/2"	180	10	15	15	30°
20	3/4"	180	10	15	15	30°
25	1"	180	10	15	15	30°
32	1 1/4"	245	10	20	20	30°
40	1 1/2"	245	10	20	20	30°
50	2"	245	10	20	20	30°

Size: mm
Angle: °

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