

Flange Concentric Reducing Rubber Expansion Joint

Fig. W510

Specification

Design in accordance with GB/T26121,HCRJ-070

Flanges comply with GB/T9115,GB / T 17241.6

Testing standards comply with GB/T26121

Technical data

Working Pressure: 10Kg/cm²

Burst Pressure: 30Kg/cm²

Vacuum Rating: 400 mmHg

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

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

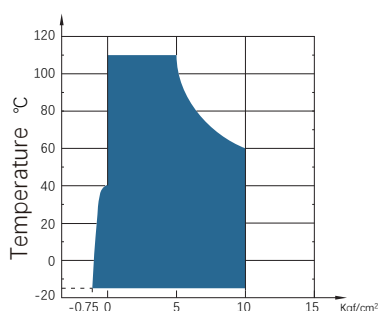
Ambient Temperature: -40°C ~ 60°C

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

Material Specifications

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

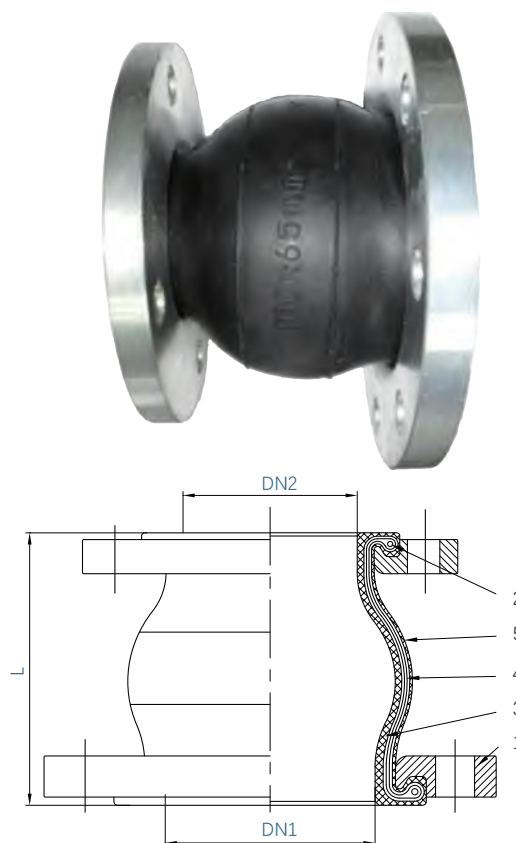
Performance Table



Working Temperature vs. Working Pressure

尺寸: mm
角度: °

Schematic



Dimensions

DN(mm) DN1*DN2	NPS(inch) DN1*DN2	length L	Allowable displacement value			
			Stretch A.E.	Compression A.C.	Lateral Displacement T.M.	Angle of deflection A.M.
65*50	2-1/2"*2"	150	6	9	9	15°
80*50	3"*2"	150	6	10	9	15°
80*65	3"*2-1/2"	150	6	10	9	15°
100*65	4"*2-1/2"	150	7	10	10	15°
100*80	4"*3"	150	8	13	12	15°
125*80	5"*3"	150	8	15	12	15°
125*100	5"*4"	150	12	19	15	15°
150*100	6"*4"	150	12	19	15	15°
150*125	6"*5"	150	12	20	15	10°
200*125	8"*5"	150	12	20	22	10°
200*150	8"*6"	200	16	28	22	10°
250*150	10"*6"	200	16	28	25	10°
250*200	10"*8"	200	16	28	25	10°
300*200	12"*8"	200	16	28	25	10°
300*250	12"*10"	200	16	28	25	10°

WARCO reserves the right to change dimensions without notice.