



## Rubber expansion joint double sphere 911/02 (Flanged end) PN16/25

Flanges and drilling to BS EN 1092-2

**Use:**

For water to max. 90°C

**Tests:**

Hydraulic test to BS EN 12266

Body: 1.5 x PN (Include the control rod)

1.0 x PN ( Not include the control rod)

**Marking:**

Body: ICV Stickers. DN, PN, body material.

**Materials**

Wire	Galvanized carbon steel
Reinforcement	Nylon tire cord
control rod*	Galvanized carbon steel
Body	EPDM
Flange	Galvanized forged carbon steel

\*PN16 DN50-250 Available on request  
DN300-600 Working pressure over 10Bar,  
control rod must be installed  
PN25 Control rod must be installed



Expect... **AVR**

The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

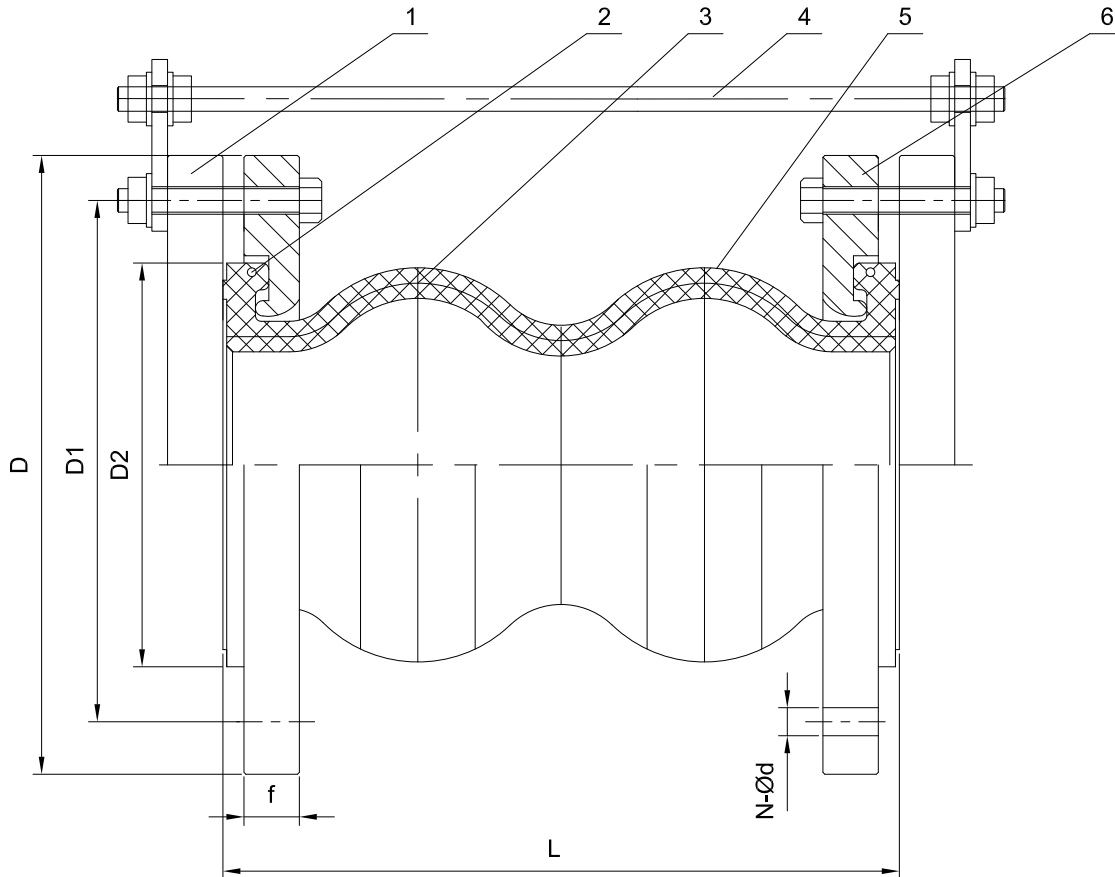
A Member of the AVR Group

DS91102170902

Flanges and drilling to BS EN 1092-2

Component list

- 1. Pipe flange
- 2. Wire
- 3. Reinforcement
- 4. Control rod
- 5. Body
- 5. Rubber expansion joint Flange



Ref.no.	DN	L*		D		D1		D2		Control rod number	Axial compression		Axial elongation		Transverse deflection		Angular deflection		N-Ød		f		Weight Kgs
		mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
				PN16	PN25	PN16	PN25				PN16	PN25	PN16	PN25	PN16	PN25	PN16	PN25	PN16	PN25	PN16	PN25	
911020050X0YY	50	175	165	125	86	2	50	30	15	35	17	40°	20°	4-Ø18	4-Ø18	17	18	4.1					
911020065X0YY	65	175	185	145	106	2	50	30	15	35	17	40°	20°	4-Ø18	8-Ø18	17	20	5.2					
911020080X0YY	80	175	200	160	118	2	50	30	15	35	17	40°	20°	8-Ø18	8-Ø18	19	22	6.6					
911020100X0YY	100	225	220	235	180	190	152	2	57	35	17	40	20	35°	20°	8-Ø18	8-Ø22	19	22	7.6			
911020125X0YY	125	225	250	270	210	220	182	2	57	35	17	40	20	35°	20°	8-Ø18	8-Ø26	21	24	10.2			
911020150X0YY	150	225	285	300	240	250	213	2	57	35	17	40	20	35°	20°	8-Ø22	8-Ø26	21	24	13.4			
911020200X0YY	200	325	340	360	295	310	262	3	63	35	17	45	22	30°	20°	12-Ø22	12-Ø26	23	26	20.2			
911020250X0YY	250	325	405	425	355	370	323	3	63	35	17	45	22	30°	20°	12-Ø26	12-Ø30	25	28	27.6			
911020300X0YY	300	325	460	485	410	430	372	4	63	35	17	45	22	30°	20°	12-Ø26	16-Ø30	25	28	34.5			
911020350X0YY	350	350	520	555	470	490	410	4	40	30	15	30	15	20°	20°	16-Ø26	16-Ø33	27	30	50.4			
911020400X0YY	400	350	580	620	525	550	473	4	40	30	15	30	15	20°	20°	16-Ø30	16-Ø36	29	34	66.4			
911020450X0YY	450	350	640	670	585	600	522	4	40	30	15	30	15	20°	20°	20-Ø30	20-Ø36	31	34	77.2			
911020500X0YY	500	350	715	730	650	660	570	4	40	30	15	30	15	20°	20°	20-Ø33	20-Ø36	31	34	109.3			
911020600X0YY	600	350	840	845	770	770	690	4	40	30	15	30	15	20°	20°	20-Ø36	20-Ø39	31	34	139.8			

X=1, PN16; X=3, PN25  
 YY=00, standard (without control rod)  
 YY=01, with control rod  
 \*Installation length should according to product structure length, Deviation ≤ ±3mm.

