



**RUBBER
COMPENSATORS**



RUBBER COMPENSATORS

For use in Hot Liquid Mediums

Yellow ring rubber bellows are made from a nitrile rubber compound (ECO) and provide resistance to water up to 70°C and oil up to 90°C, however this is influenced by the working pressure.

Rubber bellows with flanges have a special flow-assisting convoluted shape of the bellows which minimize detrimental turbulence of the medium and pressure loss.

High tensile strength texture cord plies combined with proven synthetic rubber mixes guarantee maximum reliability and an extended working life.

The rubber bellows are produced with a vulcanized steel ring to guarantee a perfect sealing of the profiled sealing rings in the special chamber of the swivel flanges.

Average installed insulation is about 25 dB, a figure which is further improved by compressed installation.

The standard flange range is made of carbon steel S235JR, drilled according to DIN PN10/16 and electrolytic galvanized.



ABS

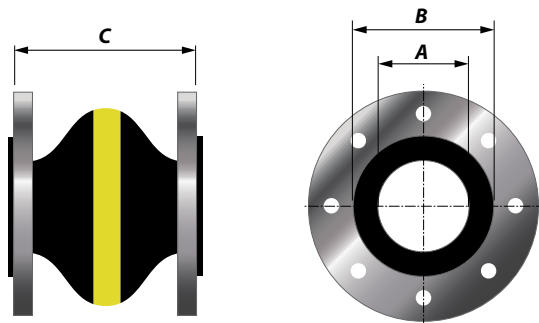


ClassNK

Type approvals

TYPE RC01

For us in Hot Liquid Medium



Article No.	Bellows dimensions			Allowable displacement			Effective bellows area (cm ²)	Weight (kg)	Min-Max. pressure (abs)		Installation length	
	A (mm)	B (mm)	C (mm)	Ax. (mm)	Lat. (mm)	Ang. (°)			(kPa)	(MPa)	Min. (mm)	Max. (mm)
34100000010	25	72	130	-30/+20	±20	±35	35	1.9	20	1.6	120	135
34100000013	32	72	130	-30/+20	±20	±35	35	2.0	20	1.6	120	135
34100000015	40	79	130	-30/+20	±20	±35	50	3.5	20	1.6	120	135
34100000020	50	89	130	-30/+20	±20	±35	74	4.3	20	1.6	120	135
34100000025	65	104	130	-30/+20	±20	±30	87	5.5	20	1.6	120	135
34100000030	80	120	130	-30/+20	±20	±30	120	6.2	30	1.6	120	135
34100000040	100	139	130	-30/+20	±20	±25	143	7.7	40	1.6	120	135
34100000050	125	164	130	-30/+20	±20	±25	210	8.7	60	1.6	120	135
34100000060	150	189	130	-30/+20	±20	±15	283	11.3	60	1.6	120	135
34100000080	200	237	130	-30/+20	±20	±15	525	16.2	70	1.0	115	140
34100000100	250	289	130	-30/+20	±20	±10	636	20.5	70	1.0	125	140
34100000120	300	338	130	-30/+20	±20	±10	897	24.0	80	1.0	125	140
34100000140	350	390	200	-30/+20	±20	±10	1290	34.0	80	1.0	190	210
34100000160	400	455	200	-30/+20	±20	±10	1628	37.5	80	1.0	190	210
34100000180	500	555	200	-30/+20	±20	±10	2546	47.0	80	1.0	190	210



CHARACTERISTICS

- ✓ The maximum working pressure is 16 Bar (10 Bar*) with a test pressure of 25 Bar and even a burst pressure of over 60 Bar (30 Bar*)
(* for bellows larger than NB 150)
- ✓ Flange type acc. DIN2576 - PN10

