

## Rubber Bellows Compensator Type W61

Type W61 is a low corrugation rubber (hump hose) compensator, characterised by its cuff end connections, which make quick and easy clamp fittings possible.

### Design:

Low corrugation rubber body with reinforcement, cuff ended at both ends for clamp fixing.

### Application:

Waste-water piping, motor cooling systems, industrial plants, ventilation plants, purification plants.



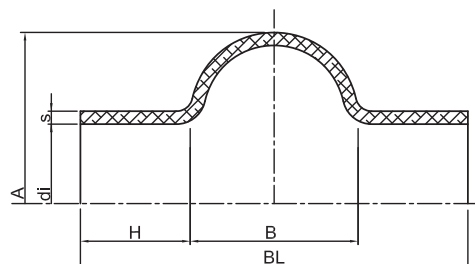
### Details for Type W61

Bellows colour code	Core (inner)	Reinforcing material	Cover (outer)	Permissible operating data				Electrical resistance [Ohm cm]	Hardness shore A
				bar	°C	bar	°C		
red ST	EPDM	Steel cord	EPDM	6	50	3	100	$7 \times 10^3$	60
red	EPDM	Nylon cord	EPDM	6	50	4	90	$7 \times 10^2$	60
yellow ST	NBR	Steel cord	CR	6	50	4	90	$5 \times 10^4$	60
yellow	NBR	Nylon cord	CR	6	50	4	80	$5 \times 10^3$	60
green	CSM	Nylon cord	CSM	6	50	4	80	$4 \times 10^{10}$	65
white	NBR/white	Nylon cord	CR	6	50	4	80	$5 \times 10^3$	60
purple	FPM	Aramid	EPDM	6	50	2	150		65

Burst pressure >24 Bar, vacuum resistant with internal supporting ring.

### Note:

Special measurements are possible. Pipe outside diameter must be clean and smooth (grind down any weld seams). Do not insulate or paint the bellows. Use wide clamps (min. 20x1). Up to 2 Bar, one clamp per side can be used. Above 2 Bar, we recommend the use of 2 clamps per side. Movements only for untied type.



DN	Ødi mm	Overall length mm	ØA mm	s mm	H mm	B mm	Movement absorption				Weight kg
							ax + mm	ax - mm	lat ± mm	∠ ± °	
50	60.3	250	120	5	97	55	20	25	15	20	0.5
65	76.1	250	135	6	97	55	20	25	15	20	0.6
80	88.9	250	158	6	85	80	20	25	15	20	0.7
100	114.3	250	183	6	85	80	20	25	15	20	0.9
125	139.7	250	208	6	85	80	20	25	15	20	1.1
150	168.3	250	254	7	65	120	20	25	15	15	1.4
175	193.7	250	278	7	65	120	20	25	15	15	1.5
200	219.1	250	304	7	65	120	20	25	15	10	1.7
225	227.0	250	311	7	65	120	20	25	15	10	1.8
250	273.0	250	359	7	65	120	20	25	15	10	2.2
300	323.9	250	408	7	65	120	20	25	15	8	2.6
350	355.6	250	439	7	65	120	20	25	15	8	2.7
400	406.4	250	491	8	60	130	20	25	15	8	3.2
500	508.0	250	594	8	60	130	20	25	15	6	4.0
600	610.0	250	696	8	60	130	20	25	15	6	4.8

Larger nominal length possible.