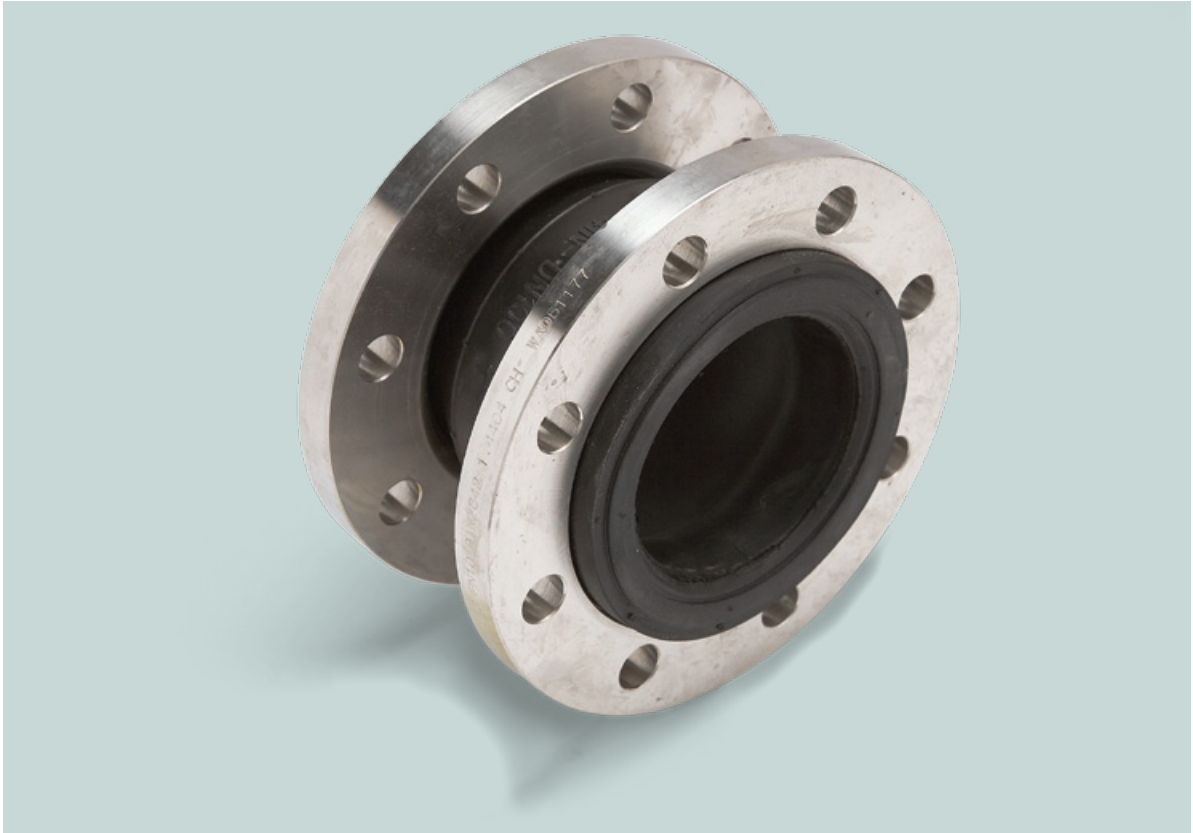


Rubber Compensators

Metso Slurry Handling Solutions

EN



Rubber compensators are used to eliminate vibrations, noise, compensate for misalignments and length deviations when rubber hose or rubber reducers are not used e.g. between sump and pump in slurry handling.

Product description

Trellex Rubber Compensators are made completely of rubber reinforced with cord.

Areas of use

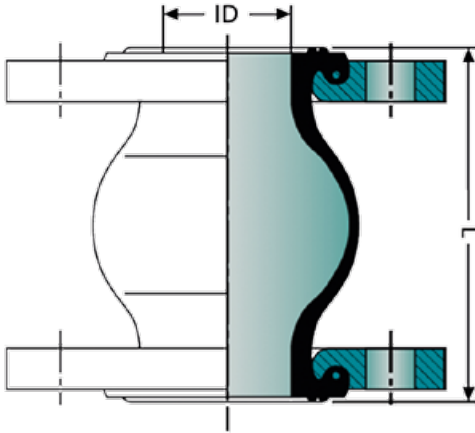
Typically used for flexibility when pump flange calls for rubber lined steel reducer and spacing from sump is too short to fit a piece of hose.

Technical description

Safety factor is 1.5 times the working pressure.

Installation

Flanges according to DIN PN10 fits with Trellex Couplings.
Use additional vacuum ring in case of vacuum, for example at suction side of pump.



Rubber Compensators

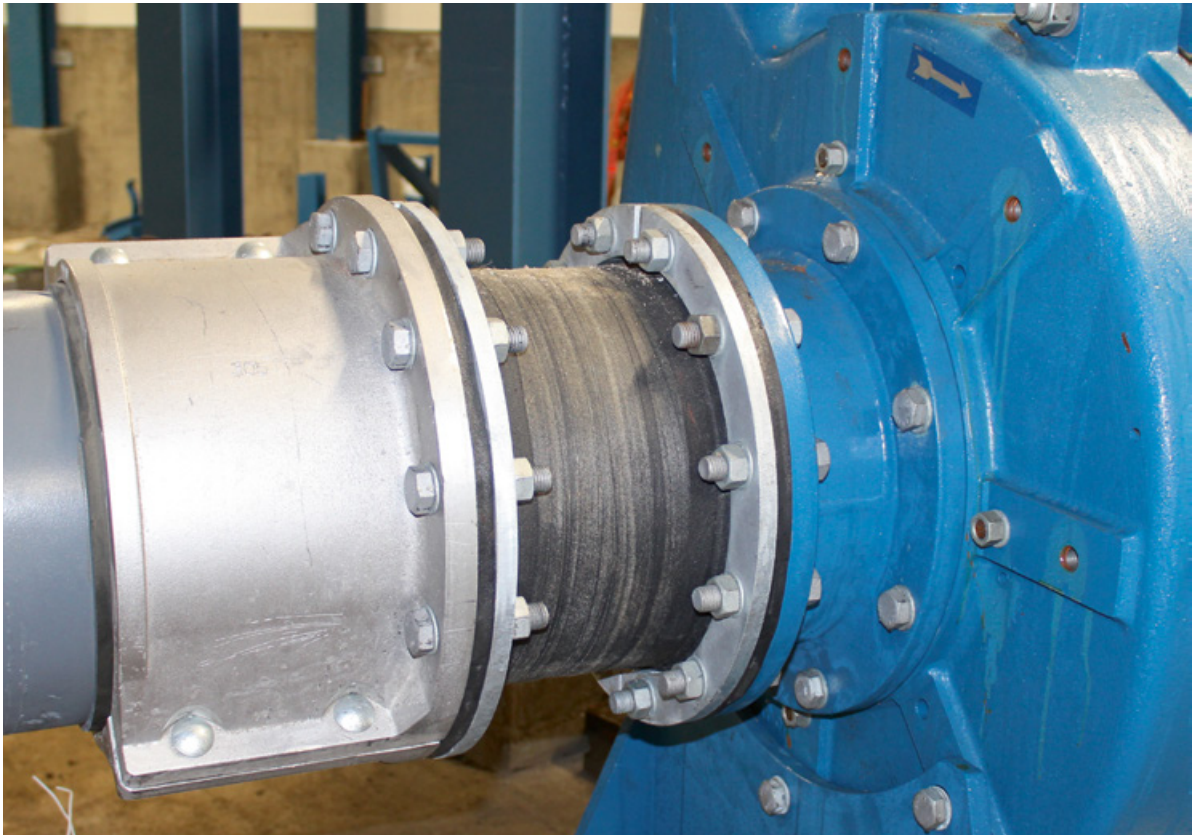
Part No.	DN		Length mm	Permissible movements (mm)				Operating pressure		Vacuum Ring	Weight	
	mm	inch		Compression	Elongation	Lateral	Angular	MPa	psi		kg	lbs
SH-655011	102	4"	130	20	12	14	15°	1.6	232	SH-489259	6	13
SH-655012	127	5"	130	20	12	14	15°	1.6	232	SH-489260	8	18
SH-655013	152	6"	130	20	12	14	15°	1.6	232	SH-489261	11	24
SH-655014	201	8"	130	20	12	14	15°	1.0	150	SH-489262	17	37
SH-655016	254	10"	130	20	12	14	15°	1.0	150	SH-489263	22	49
SH-489190	305	12"	130	20	12	14	15°	1.0	150	SH-489264	24	53
SH-489191	355	14"	200	20	12	14	15°	1.0	150	SH-489265	32	71
SH-655018	405	16"	200	20	12	14	15°	1.0	150	SH-489266	45	99
SH-655030	457	18"	200	20	12	14	15°	1.0	150	SH-489267	52	115
SH-507888	508	20"	200	20	12	14	15°	1.0	150	SH-489268	63	139
SH-489192	610	24"	200	20	12	14	15°	1.0	150		95	209

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Rubber Compensators

Metso Slurry Handling Solutions

EN



Rubber compensators are used to eliminate vibrations, noise, compensate for misalignments and length deviations when rubber hose or rubber reducers are not used e.g. between sump and pump in slurry handling.

Product description

Trellex Rubber Compensators are made completely of rubber reinforced with cord and a steel spiral.

Areas of use

Typically used for flexibility between sump and pump. Flexibility is necessary at suction side of pump for disassembly during maintenance.

Characteristics

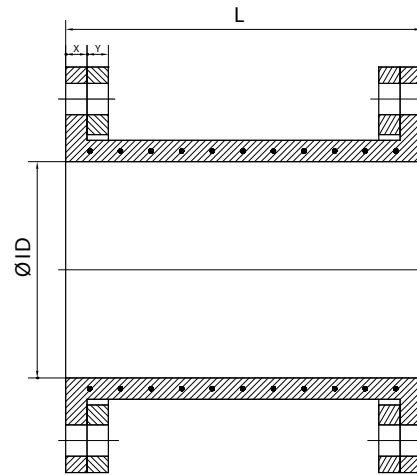
A rubber compensator with split steel flanges that combines elastic properties of rubber with various type of reinforcement to provide a flexible pipe joint.

Technical description

Working pressure is 10 bar/150 psi and safety factor is 1.5 times working pressure. Lateral movement is 5 mm up to ID 102 mm and 10 mm for ID 127 to ID 610 mm. Angular movement is 3° for all dimensions.

Installation

Flanges according to DIN 2501 PN10 or ANSI B16.5 150 lbs fits with Trellex Couplings.



Rubber Compensators

Item code	ID		Length mm	Permissible movements (mm)				Vacuum	Operating pressure		Weight inc. Flanges	
	mm	inch		Compression	Elongation	Lateral	Angular		MPa	psi	kg	lbs
SH-489299-51	51	2	200	2	2	5	3°	90%	1.0	150	4.3	9.5
SH-489299-76	76	3	200	2	2	5	3°	90%	1.0	150	4.3	9.5
SH-489299-102	102	4	200	2	2	5	3°	90%	1.0	150	4.3	9.5
SH-489299-127	127	5	200	2	2	10	3°	90%	1.0	150	5.8	12.8
SH-489299-152	152	6	250	2.5	2.5	10	3°	90%	1.0	150	7.3	16.1
SH-489299-204	201	8	250	2.5	2.5	10	3°	90%	1.0	150	10.0	22.0
SH-489299-254	254	10	250	2.5	2.5	10	3°	50%	1.0	150	13.9	30.6
SH-489299-305	305	12	250	2.5	2.5	10	3°	50%	1.0	150	16.0	35.3
SH-489299-355	355	14	250	2.5	2.5	10	3°	50%	1.0	150	20.9	46.1
SH-489299-1355	355	14	250	2.5	2.5	10	3°	50%	1.0	150	20.9	46.1
SH-489299-405	405	16	250	2.5	2.5	10	3°	50%	1.0	150	29.3	64.6
SH-489299-457	457	18	300	3	3	10	3°	50%	1.0	150	33.7	74.3
SH-489299-1457	457	18	300	3	3	10	3°	50%	1.0	150	33.7	74.3
SH-489299-508	508	20	300	3	3	10	3°	50%	1.0	150	42.8	94.4
SH-489299-610	610	24	300	3	3	10	3°	50%	1.0	150	56.0	124

Flanges		ID	
DIN 2501 PN10	ANSI B16.5 150lbs	mm	inch
SH-260518-51	SH-260518-51	51	200
SH-260518-76	SH-260518-76	76	200
SH-260518-102	SH-260518-102	102	200
SH-260518-127	SH-260518-127	127	200
SH-260518-152	SH-260518-152	152	250
SH-260518-204	SH-260518-204	201	250
SH-260518-254	SH-260518-254	254	250
SH-260518-305	SH-260518-305	305	250
SH-260518-355	-	355	250
-	SH-260518-1355	355	250
SH-260518-405	SH-260518-405	405	250
SH-260518-457	-	457	300
-	SH-260518-1457	457	300
SH-260518-508	SH-260518-508	508	300
SH-260518-610	SH-260518-610	610	300

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