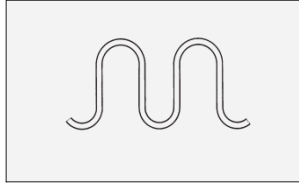
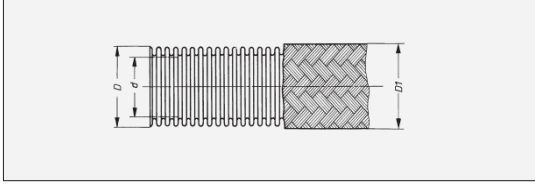


Annular Corrugated Stainless steel hose type RS430

Heavy Version, Standard Corrugated



Construction:

Annularly corrugated all-metal hose made of butt-welded tube with or without braiding.

Versions:

- RS ...S00 without braiding
- RS ...S12 with single stainless steel wire braiding
- RS ...S22 with double stainless steel wire braid
- RS ...S42 with single stainless steel braided braid
- RS ...S52 with double stainless steel braided braid
- RS ...S92 with double stainless steel braiding
Special design

Type tests:

The hose type is tested in accordance with DIN EN ISO 10380.

Material of hose:

stainless austenitic steel to DIN EN ISO 10088-2, bright

- standard: material no. 1.4404 comparable with AISI 316L
- standard: material no. 1.4541 comparable with AISI 321
- other materials:
material no. 1.4571 comparable with AISI 316Ti on request

Material of braiding:

- material no. 1.4301 comparable with AISI 304
- material no. 1.4306 comparable with AISI 304L
(knurled braiding D 150-300)
- material no. 1.4571 comparable with AISI 316Ti on request.

Maximum Production Lengths:

- DN 20-125 10 m
- DN 150-300 3 m

Temperature range:

-270 °C up to max. 600 °C (only for the hose)

Operating pressure:

The following tables with technical data of metal hoses contain two pressure values. Please refer to the general information on page 2. SF = Bursting Safety Factor 4, static or dynamic.

Connection fittings:

- flanges
- threaded connections
- welding ends
- customized connections on request



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DN	Type	Inside diameter	Outside diameter	Permissible deviation	Minimum bending radius* one bending process	Nominal bending radius** frequent bending	Perm. static operating pressure at 20 °C SF 4	Nominal pressure DIN EN ISO 10380 SF 4	Weight. approx.
-	-	d	D, D1	d, D, D1	r _{min}	r _n	P _{zul}	-	-
-	-	mm	mm	mm	mm	mm	bar	PN	kg/m
20	RS430S00	20.2	29.2	±0.3	45	285	6	6	0.54
	RS430S12		31.2		70		90	65	0.93
	RS430S22		33.2		70		125	100	1.32
25	RS430S00	25.2	34.2	±0.3	50	325	6	6	0.65
	RS430S12		36.2		85		65	50	1.07
	RS430S22		38.2		85		100	100	1.49
32	RS430S00	33.7	42.7	±0.3	60	380	4	4	0.77
	RS430S12		45.0		105		65	65	1.41
	RS430S22		47.2		105		80	65	2.05
40	RS430S00	40.0	55.0	±0.4	75	430	2.5	2.5	1.37
	RS430S12		57.3		130		40	40	2.09
	RS430S22		59.5		130		65	65	2.82
50	RS430S00	50.0	65.0	±0.4	90	490	2.5	2.5	1.61
	RS430S12		68.2		160		50	50	2.91
	RS430S22		71.3		160		80	65	4.21
65	RS430S00	65.0	81.0	±0.4	110	580	0.5	0.5	2.06
	RS430S12		84.2		200		35	25	3.46
	RS430S22		87.3		200		50	50	4.86
80	RS430S00	79.8	98.3	±0.5	135	800	0.5	0.5	2.82
	RS430S12		101.5		240		25	16	4.65
	RS430S22		104.6		240		50	25	6.48
100	RS430S00	99.8	117.8	±0.5	160	1000	0.5	0.5	3.59
	RS430S12		121.0		290		30	10	5.97
	RS430S22		124.1		290		40	16	8.35



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slangen - koppelingen - compensatoren

DN	Type	Inside diameter	Outside diameter	Permissible deviation	Minimum bending radius one bending process	Nominal bending radius frequent bending	Perm. static operating pressure at 20 °C SF 4	Nominal pressure DIN EN ISO 10380 SF 4	Weight. approx.
-	-	d	D, D1	d, D, D1	r _{min}	r _n	P _{zul}	-	-
-	-	mm	mm	mm	mm	mm	bar	PN	kg/m
-	-								
125	RS430S00	125.6	146.0	± 0.6	350	1250	0.5	0.5	5.23
	RS430S12		149.2				6	10	7.80
	RS430S22		152.4				30	16	10.40
150	RS430S00	151.9	177.4	± 1.4	400	800	0.2	-	4.97
	RS430S12		180.6				6	6	8.10
	RS430S42		181.4				10	10	8.37
	RS430S22		183.7				12	10	11.20
	RS430S92		184.6				16	16	11.90
200	RS430S00	202.2	231.4	±1.6	520	1100	0.2	-	7.92
	RS430S12		234.4				6	6	11.90
	RS430S42		236.9				10	10	12.5
	RS430S22		237.1				12	10	15.90
	RS430S92		239.7				16	16	16.50
	RS430S52		242.4				16	16	17.3
250	RS430S00	248.4	284.2		620	1350	0.2	-	13.0
	RS430S42		289.7				8	6	18.10
	RS430S52		295.2				12	10	23.40
300	RS430S00	298.6	335.8		1000	1600	0.1	-	17.20
	RS430S42		341.3				4	4	23.10
	RS430S52		346.8				6	6	29.10



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