STRAUB Pipe coupling Series: GRIP-L Type: 5513 Extraction proof Stainless steel/NBR

Tensile pipe coupling for metal pipes. Lighter version for additional weight savings. Depending on the opening, the couplings support a bending angle of 2° to 5°. When installing, the locking screws must be tightened to the correct torque. The required torque is specified on the coupling.

Field of application

- Machinery rooms
- Mechanical and apparatus engineering
- Transport lines

Features

- Tensile pipe coupling
- Suitable for metal pipes

Characteristics

Series: GRIP-L
Type: 5513
Shape: Extraction proof
Housing material: Stainless steel
Material quality: 1.4571
Sleeve material: NBR
Material bolts: Stainless steel
Material class bolt: 1.4401
Suitable for pipe material: Metal
Suitable for plastic to metal: No

AD			PN	Pbmin.	B	C	DV	KV	Rmax.		Weight
nom.	min.	max.							without	with	
Metal									Strip insert	Strip insert	
mm	mm	mm	[bar]	[bar]	mm	mm	mm	mm	mm	mm	[kg]
26,9	26,4	27,4	16	46	46	19	43	70	5	5	0,16
30	29,5	30,5	16	42	46	17	47	75	5	5	0,18
33,7	33,2	34,2	16	38	46	17	51	75	5	5	0,2
38	37,5	38,5	16	33	61	25	57	90	5	10	0,37
42,4	41,9	42,9	16	30	61	25	62	95	5	10	0,4
44,5	44	45	16	33	61	25	64	95	5	10	0,4
48,3	47,8	48,8	16	30	61	25	67	100	5	10	0,4
54	53,5	54,5	16	20	76	37	76	105	10	15	0,52
57	56,4	57,6	16	18	76	37	76	105	10	15	0,52
60,3	59,7	60,9	16	22	76	37	79	110	10	15	0,5
76,1	75,3	76,9	16	31	95	41	98	135	10	25	1
84	83,2	84,8	16	26	95	35	112	145	10	15	1,1

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AD			PN	Pbmin.	B	C	DV	KV	Rmax.		Weight
88,9	88	89,8	16	22	95	41	111	150	10	25	1,1
104	103	105	16	23	95	35	132	165	10	15	1,2
108	106,9	109,1	16	21	95	41	130	165	10	25	1,3
114,3	113,2	115,4	16	16	95	41	136	170	10	25	1,4
129	127,7	130,3	16	19	110	54	153	195	10	35	1,8
133	131,7	134,3	16	19	110	54	157	200	10	35	2,1
139,7	138,3	141,1	16	16	110	54	164	210	10	35	2,2
154	152,5	155,5	13	16	110	48	184	225	10	30	2,3
159	157,4	160,6	13	16	110	54	183	225	10	35	2,4
168,3	166,6	170	13	16	110	54	192	230	10	35	2,5
219,1	216,9	221,3	10	16	142	80	250	295	10	35	5,5
244,5	242	247	5,5	9	141	80	275	320	10	35	4,2
250	247,5	252,5	5,5	9	141	80	280	325	10	35	4,5
254	251,5	256,5	5,5	9	141	80	284	325	10	35	4,5
267	264,5	269,5	5	8	141	80	297	340	10	35	4,5
273	270,5	275,5	4	7	141	80	303	345	10	35	4,6
304	301	307	4	6	141	80	334	375	10	35	5
323,9	320,5	327	3	5	141	80	354	395	10	35	5,4
355,6	352	359	2,5	4	141	80	386	425	10	35	5,9
406,4	402,5	410,5	2	3	141	80	436	470	10	35	6,6

Material	Min. temperature [°C]	Max. temperature [°C]
EPDM	-20	100
NBR	-20	80

External tube diameter of connection	External tube diameter of connection 2	Pressure rating	Pressure rating Industry	Pressure rating Maritime	Length	Minimum medium temperature (continuous)	Maximum medium temperature (continuous)	Article
mm	mm				mm	°C	°C	
38	38	PN16	PN33	PN16	46.5	-20	80	11813621
60.3	60.3	PN16	PN22	PN16	65	-20	80	11813627
88.9	88.9	PN16	PN22	PN16	100	-20	80	11813630
219.1	219.1	PN10	PN16	PN10	142	-20	80	11813638

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