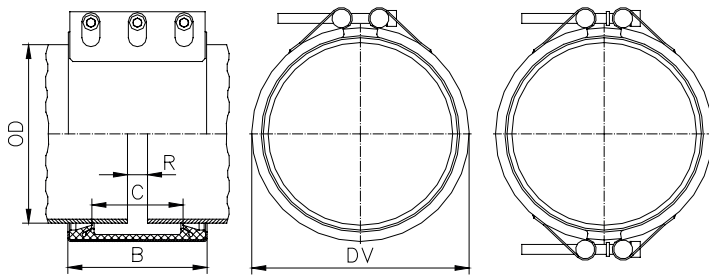


STRAUB-FLEX 3 Ø 219.1 - 4064.0 mm

Components / Materials	W1	W2	W4	W5
Casing	AISI A106, hot-dip galv.	AISI 316 L / 316 TI		AISI 316 L / 316 TI / S32101 (LDX)
Bolts	AISI 4135	AISI 4135		A4 - 80
Bars	AISI 12 L 14, galvanised	AISI 12 L 14, galvanised		AISI 316 L
Strip insert (option)	AISI 316 L / HDPE	AISI 316 L / HDPE		AISI 316 L / HDPE

Sealing sleeve	Temp.: -20°C up to +100°C
EPDM	Medium: all qualities of water, waste water, air, solids and chemical products
Sealing sleeve	Temp.: -20°C up to +80°C
NBR	Medium: water, gas, oil, fuel and other hydrocarbons
Sealing sleeve	Temp.: -20°C up to +180°C
FPM / FKM (on request)	Medium: ozone, oxygen, acids, gas, oil and fuel (only with strip insert)



B	Width of pipe coupling: FLEX 3 LS = 210 mm FLEX 3 LV = 211 mm FLEX 3 H = 212 mm FLEX 3 X = 218 mm
DV	Outside diameter of the coupling installed = OD+38 mm
C	Distance between sealing lips = 127 mm
R _{max.}	Distance between pipe ends with strip insert = 60 mm Distance between pipe ends without strip insert = 15 mm

Pipe OD [mm]	Clamping range [mm]	Working pressure PS [bar]				Torque rate [Nm]			
		LS	LV (LDX)	H	X	LS	LV (LDX)	H	X
219.1	216 - 222	18.0				40			
250.0	247 - 253	16.0				40			
267.0	264 - 270	15.0				40			
273.0	270 - 276	15.0				40			
304.0	301 - 307	13.0				40			
323.9	321 - 327	13.0	25.0	25.0		40	70	60	
355.6	352 - 358	12.0	25.0	25.0		40	70	60	
406.4	403 - 409	10.0	25.0	25.0		40	70	60	
457.2	454 - 460	9.0	25.0	24.0		40	70	60	
508.0	504 - 512	8.0	23.0	22.0		40	70	60	
558.8	555 - 562	7.0	21.0	20.0	25.0	40	70	60	90
609.6	606 - 613	6.5	19.0	17.0	25.0	40	70	60	90
711.2	707 - 715	5.5	16.0	15.0	25.0	40	70	60	90
762.0	758 - 766	5.0	15.0	14.0	25.0	40	70	60	90
812.8	809 - 817	5.0	14.5	13.0	25.0	50	70	60	110
914.4	910 - 918	4.5	12.5	11.5	23.0	50	80	80	110
1016.0	1012 - 1020	4.0	11.0	10.5	20.0	50	80	80	125
1117.6	1113 - 1122	3.5	10.0	9.5	18.0	50	80	80	125
1219.2	1215 - 1224	3.5	9.0	8.5	17.0	50	90	100	140
1320.8	1316 - 1325	3.0	9.0	8.0	16.0	50	90	100	140
1422.4	1418 - 1427	3.0	8.0	7.5	15.0	60	90	100	160
1524.0	1519 - 1529	2.5	8.0	7.0	14.0	60	90	100	160
1600.0	1595 - 1605	2.5	7.5	6.5	13.5	60	90	110	160
1625.6	1621 - 1631	2.5	7.0	6.5	13.0	60	100	120	180
1727.2	1722 - 1732	2.5	7.0	6.0	12.0	60	100	120	180
1828.8	1824 - 1834	2.0	6.0	5.5	11.0	60	110	120	200
1930.4	1925 - 1935	2.0	6.0	5.5	11.0	60	120	140	200
2032.0	2027 - 2037	2.0	5.5	5.0	10.0	60	120	140	220
2268.0	2263 - 2273		5.0	4.0	9.0		130	150	240
2540.0	2535 - 2545		4.0	3.5	8.0		140	170	260
2794.0	2789 - 2799		3.5	3.0	7.0		140	180	270
3048.0	3043 - 3053		3.0	3.0	6.5		150	200	290
3302.0	3296 - 3308		2.5 ³	2.5 ³	6.0		160	220	310
3556.0	3548 - 3562		2.0 ³	2.5 ³	5.5		180	230	330
3810.0	3804 - 3816		1.5 ³	2.0 ³	5.0		200	250	340
4064.0	4058 - 4070		1.0 ³	2.0 ³	5.0		210	270	350

STRAUB produces custom made couplings from 219.1 up to 4064.0 mm

Remarks:

- Follow fitting / disassembly instructions
- Available in one- or two-piece version
- PS = Working pressure considering the application loads
Test pressure = PS x 1.5 (for example industry, water supply etc.)
Burst pressure = approx. PS x 2
- Strip inserts are required for special applications

- LS-version in W2 or W5
- LV(LDX)-version in W5
- H- and X-version in W1

For IPS sizes in bold see technical manual for actual OD

³ Available in three-piece version only

Typing errors may occur. Technical details are subject to change