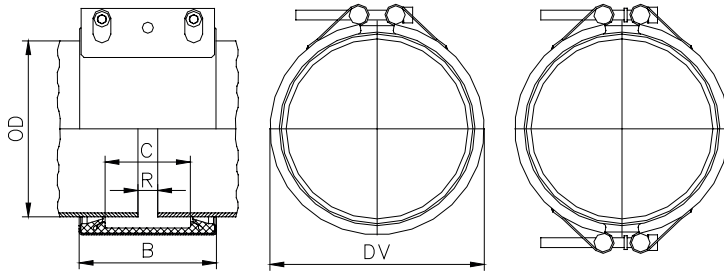


STRAUB-FLEX 2 Ø 172.0 - 2032.0 mm

Components / Materials	W1	W2	W4 (only for L-version)	W5
Casing	AISI A106, hot-dip galv.	AISI 316 L / 316 TI	AISI 304	AISI 316 L / 316 TI / S32101 (LDX)
Bolts	AISI 4135	AISI 4135	AISI 316 L	A4 - 80
Bars	AISI 12 L 14, galvanised	AISI 12 L 14, galvanised	AISI 316 L	AISI 316 L
Strip insert (option)	AISI 316 L / HDPE	AISI 316 L / HDPE	AISI 316 L / HDPE	AISI 316 L / PVDF
Sealing sleeve EPDM	Temp.: -20°C up to +100°C Medium: all qualities of water, waste water, air, solids and chemical products			
Sealing sleeve NBR	Temp.: -20°C up to +80°C Medium: water, gas, oil, fuel and other hydrocarbons			
Sealing sleeve FPM / FKM	Temp.: -20°C up to +180°C Medium: ozone, oxygen, acids, gas, oil and fuel (only with strip insert)			



B	Width of pipe coupling: FLEX 2 L = 138 mm FLEX 2 LS = 139 mm FLEX 2 LU = 141 mm FLEX 2 LV = 141 mm FLEX 2 H = 142 mm FLEX 2 XS = 148 mm
DV	Outside diameter of the coupling installed = OD+27 mm
C	Distance between sealing lips = 91 mm
R_{max.}	Distance between pipe ends with strip insert = 35 mm Distance between pipe ends without strip insert = 10 mm

Pipe OD [mm]	Clamping range [mm]	Working pressure PS [bar]						Torque rate [Nm]						
		L	LS	LU	LV (LDX)	H	XS	L	LS	LU	LV (LDX)	H	XS	
172.0	170 - 174	13.0						10						
180.0	178 - 182	12.0	16.5	25.0				10	15	30				
200.0	198 - 202	11.0	15.0	25.0				10	15	30				
219.1	217 - 222	10.0	13.5	25.0				10	15	30				
250.0	248 - 253	9.0	12.0	24.0				10	15	30				
267.0	264 - 270	8.0	11.0	22.5				15	15	30				
273.0	270 - 276	8.0	11.0	22.0	25.0	25.0	25.0	15	15	30	40	30	110	
304.0	301 - 307	7.0	10.0	19.5	25.0	25.0	25.0	15	20	30	40	30	110	
323.9	321 - 327	7.0	9.5	18.5	25.0	25.0	25.0	15	20	30	40	30	110	
355.6	353 - 358	6.0	8.5	17.0	25.0	25.0	25.0	15	20	30	40	30	110	
406.4	404 - 409	5.5	7.5	15.0	25.0	22.0	25.0	20	20	30	50	40	120	
457.2	454 - 460	5.0	6.5	13.0	25.0	19.0	25.0	20	20	40	50	40	120	
508.0	505 - 511	4.5	6.0	12.0	24.0	17.0	25.0	20	25	40	60	40	120	
558.8	556 - 562	4.0	5.5	10.5	22.0	16.0	25.0	25	25	40	60	50	140	
609.6	606 - 613	3.5	5.0	10.0	20.0	14.0	25.0	25	25	40	60	50	140	
711.2	708 - 715		4.0	8.5	17.0	12.0	25.0			30	50	70	50	140
762.0	758 - 766		4.0	8.0	16.0	12.0	23.5			30	50	70	60	160
812.8	809 - 817		3.5	7.5	15.0	11.0	22.0			30	50	70	60	160
914.4	910 - 918		3.5	6.5	13.0	10.0	20.0			35	60	80	60	160
1016.0	1012 - 1020		3.0	6.0	11.0	9.0	18.0			35	60	80	70	160
1117.6	1114 - 1122		2.5	5.5	10.0	8.0	16.0			40	60	80	70	180
1219.2	1215 - 1224		2.5	5.0	9.0	7.0	15.0			40	60	90	70	180
1320.8	1316 - 1325		2.5	4.5	8.5	7.0	15.0			40	60	90	70	180
1422.4	1418 - 1427		2.0	4.0	8.0	6.0	14.0			40	60	90	70	180
1524.0	1519 - 1529		2.0	4.0	8.0	6.0	14.0			40	60	90	80	200
1600.0	1595 - 1605		2.0	4.0	7.5	6.0	13.0			40	60	90	80	200
1625.6	1621 - 1631			3.0	7.0	6.0	13.0				80	100	85	200
1727.2	1722 - 1732			3.0	6.5	5.5	12.0				80	100	90	200
1828.8	1824 - 1834			2.5	6.0	5.0	11.0				90	110	95	220
1930.4	1925 - 1935			2.0	6.0	4.5	10.0				100	120	100	220
2032.0	2027 - 2037			2.0	5.5	4.0	10.0				100	120	110	240

STRAUB produces custom made couplings from 172.0 up to 2032.0 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
- L-, LS- and LU-version in W2 or W5
- LV(LDX)-version in W5
- H- and XS-version in W1

For IPS sizes in bold see technical manual for actual OD

Typing errors may occur. Technical details are subject to change