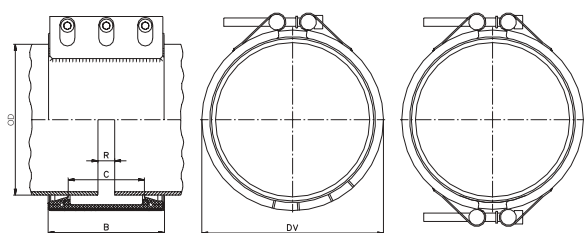


Specification STRAUB-OPEN-FLEX 3 Ø 558.8 – 2032.0 mm

Components / Materials	W1	W2	W4	W5
Casing	AISI 1024, hot-dip galv.	AISI 304/316 Ti		AISI 316 Ti
Screws	AISI 4135 ⁰	AISI 4135 ⁰		AISI 316 L
Bolts	AISI 12L 14, galvanized	AISI 12L 14, galvanized		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 +80°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			

LS-version in W2 or W5. H-version in W1.



DV = Outside diameter of the braced pipe coupling = OD + 38 mm
 B = Width of the pipe coupling
 OPEN-FLEX 3LS = 210 mm
 OPEN-FLEX 3H = 212 mm
 C = Distance between sealing lips = 127 mm
 R_{max.} = Setting gap between pipe ends
 with strip insert = 60 mm
 without strip insert = 15 mm

Pipe OD (mm)	Clamping range (mm)	Working pressure OPEN-FLEX 3		Torque rate OPEN-FLEX 3		Locking bolts OPEN-FLEX 3	
		LS PS (bar)	H PS (bar)	LS (Nm)	H (Nm)	LS	H
558.8	555 - 562	7.0	-	40	-		
609.6	606 - 613	6.5	-	40	-		
711.2	707 - 715	5.5	-	40	-		
762.0	758 - 766	5.0	-	40	-		
812.8	809 - 817	5.0	-	50	-		
914.4	910 - 918	4.5	-	50	-		
1016.0	1012 - 1020	4.0	-	50	-		
1117.6	1113 - 1122	3.5	-	50	-		
1219.2	1215 - 1224	3.5 ²	8.5 ²	50	60	3 (6°)	6°
1320.8	1316 - 1325	3.0 ²	8.0 ²	50	60	x M12	x M16
1422.4	1418 - 1427	3.0 ²	7.5 ²	60	70	with	with
1524.0	1519 - 1529	2.5 ²	7.0 ²	60	70	socket head	socket head
1625.6	1621 - 1631	2.5 ²	6.5 ²	60	80	10 mm	14 mm
1727.2	1722 - 1732	2.5 ²	6.0 ²	60	80		
1828.8	1824 - 1834	2.0 ²	5.5 ²	70	90		
1930.4	1925 - 1936	2.0 ²	5.5 ²	70	90		
2032.0	2027 - 2037	2.0 ²	5.0 ²	70	100		

Available for all pipe sizes from 558 up to 2032 mm

Legend:

- W1-W5 according to DIN Standard 86128 (ASTM F1476 / F1548, ISO/NP-15837 / 15838).

⁰ Property class 12.9, Dacromet 500 (zinc-chromate with integrated lubricant).

² Casing in two halves.

Remarks:

- Follow fitting / disassembly instructions.

- Test pressure = 1,5 x PS.

- **Admissible maximum axial movement of the pipes: 15 mm.**

- Weight of the repair clamps see separate packing specifications.

- Strip insert is required when gap between pipe ends is excessive, in presence of swelling, vacuum/depression (suction line), or external pressure.

Strip inserts are available, under separate order, at additional costs.

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