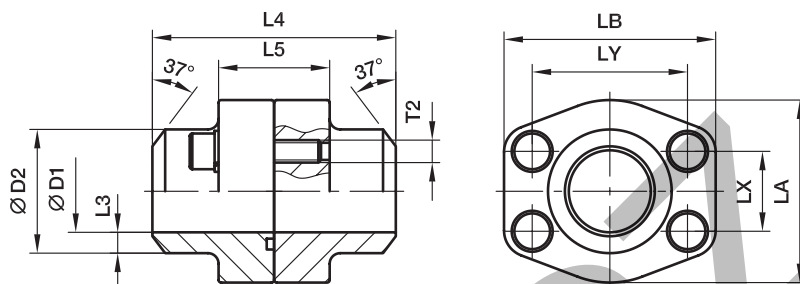


PDFS-B SAE Straight 4 bolt flange connection (butt weld)

SAE Flange / Butt weld tube end
(ISO 6162-1/-2)



3000 PSI Series

Nom. flange size		⊕ max.	D1	D2	L3	L4	L5	LA	LB	LX	LY	T2		Weight (steel) kg/piece	Order code*	PN (bar ¹⁾)	
SAE (in.)	ISO (DN)											(metr.)	(unc.)			S	SS
1/2	13	21.3	13	21.6	4.3	72	32	47	57	17.5	38.1	M 8	5/16	0.64	PDFS080B	345	345
3/4	19	26.9	19	27.2	4.1	72	36	49	66	22.3	47.6	M10	3/8	0.85	PDFS100B	345	345
1	25	33.7	25	34.5	4.7	76	36	53	71	26.2	52.4	M10	3/8	1.05	PDFS102B	345	345
1 1/4	32	42.4	31	42.8	6.0	82	42	69	80	30.2	58.7	M10	7/16	1.55	PDFS104B	276	276
1 1/2	38	48.3	38	48.6	5.3	88	48	77	94	35.7	69.9	M12	1/2	2.31	PDFS106B	207	207
2	51	60.3	50	61.0	5.5	90	48	89	103	42.9	77.8	M12	1/2	2.64	PDFS108B	207	207
2 1/2	64	76.1	63	76.6	6.8	100	48	101	115	50.8	88.9	M12	1/2	3.32	PDFS110B	172	172
3	76	88.9	73	89.0	8.0	100	53	124	135	61.9	106.4	M16	5/8	5.18	PDFS112B	138	138
3 1/2	89	101.6	89	103.0	7.0	100	54	137	153	69.9	120.7	M16	5/8	6.00	PDFS114B	34	34
4	102	114.3	99	115.0	8.0	100	54	147	163	77.8	130.2	M16	5/8	7.31	PDFS116B	34	34
5	127	140.0	120	141.0	10.5	100	54	180	184	92.1	152.4	M16	5/8	9.18	PDFS118B	34	34

6000 PSI Series

1/2	13	17.2	10	17.5	3.7	72	32	47	57	18.2	40.5	M 8	5/16	0.63	PDFS401B38	420	420
1/2	13	21.3	13	21.6	4.3	72	32	47	57	18.2	40.5	M 8	5/16	0.64	PDFS401B	420	420
3/4	19	26.9	18	27.2	4.6	72	38	53	71	23.8	50.8	M10	3/8	1.34	PDFS402B	420	420
1	25	33.7	22	34.5	6.3	88	48	66	80	27.8	57.2	M12	7/16	1.86	PDFS403B	420	420
1 1/4	32	42.4	28	42.8	7.4	88	54	77	94	31.8	66.5	M14	1/2	2.81	PDFS404B	420	420
1 1/4	32	42.4	28	42.8	7.4	88	54	77	94	31.8	66.5	M12	-	2.81	PDFS404/12B	420	420
1 1/2	38	48.3	32	48.6	8.3	102	60	89	106	36.5	79.3	M16	5/8	3.84	PDFS405B	420	420
2	51	60.3	41	61.0	10.0	140	74	116	135	44.5	96.8	M20	3/4	8.10	PDFS406B	420	420
2 1/2	64	76.1	50	76.6	13.0	150	90	150	166	58.7	123.8	M24	-	14.72	PDFS407B	420	420
3	76	88.9	58	90.0	16.0	180	110	178	208	71.4	152.4	M30	-	27.80	PDFS408B	420	420

¹⁾ Pressure shown = Item deliverable

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

The pressures given here are the maximum allowable for the flange fittings. If the pipe or tube used has a lower pressure rating, then the welded assembly rating will be the lower one, assuming the weld is adequately strong.

Stainless steel parts may have dimensional deviations. Additional information on request.

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes				
Material	Suffix surface and material	Example 4 bolt flange coupling incl. metr. bolts and O-ring	Example 4 bolt flange coupling incl. UNC bolts and O-ring	Standard sealing material (no additional suffix needed)
Steel, blanc oil dipped	S	PDFS080BS	PDFS080BSU	NBR
Stainless steel	SS	PDFS080BSS	-	VIT