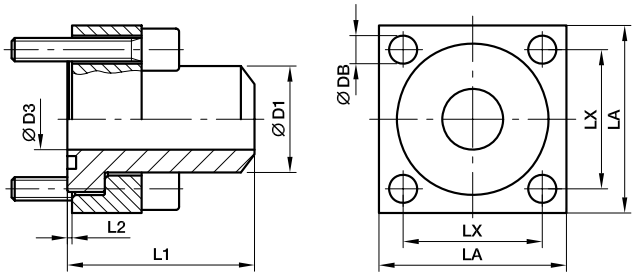
PSF-B Square flange (butt weld adapter coupling)

Square flange / Butt weld end
(ISO 6164)



250 bar Series

Nom. flange size										Screws		Weight (steel)		PN (bar)[1]
Series[2]	SAE (in.)	ISO (DN)	D1	D3	L1	L2	LA	LX	DB	(metr.)	O-ring	kg/piece	Order code*	S
L	3/8	10	17.5	10	40	0.4	40	24.7	6.6	M 06×30	17.13×2.62	0.17	**PSF10/L/17.5B**	250
L	1/2	13	21.6	13	50	0.4	45	29.7	9.0	M 08×35	18.64×3.53	0.22	**PSF13/L/21.6B**	250
L	3/4	19	27.2	19	60	0.4	50	35.4	9.0	M 08×35	24.99×3.53	0.32	**PSF19/L/27.2B**	250
L	1	25	34.5	25	70	0.5	65	43.8	11.0	M 10×40	32.93×3.53	0.63	**PSF25/L/34.5B**	250
L	1 1/4	32	43.0	31	80	0.5	75	51.6	13.5	M 12×50	37.89×3.53	0.92	**PSF32/L/43B**	250
L	1 1/2	38	48.6	38	90	0.5	90	60.1	17.5	M 16×60	47.22×3.53	1.34	**PSF38/L/48.6B**	250
L	2	51	61.0	50	100	0.6	100	69.3	17.5	M 16×70	56.74×3.53	2.30	**PSF51/L/61B**	250
L	2 1/2	56	76.6	63	110	3.0	120	83.4	22.0	M 20×80	69.44×3.53	4.00	**PSF56/L/76.6B**	250
L	3	63	89.0	70	120	6.0	140	102.5	22.0	M 20×90	85.32×3.53	6.03	**PSF63/L/89B**	250
L	4	80	114.0	90	140	2.5	160	113.5	25.0	M 24×100	97.79×5.34	10.96	**PSF80/L/114B**	250

400 bar Series

S	3/8	10	17.5	10	40	0.6	40	24.7	6.6	M 06×30	17.13×2.62	0.20	**PSF10/S/17.5B**	400
S	1/2	13	21.6	13	50	0.6	45	29.7	9.0	M 08×35	18.64×3.53	0.31	**PSF13/S/21.6B**	400
S	3/4	19	27.2	18	60	0.6	50	35.4	9.0	M 08×35	24.99×3.53	0.45	**PSF19/S/27.2B**	400
S	1	25	34.5	22	70	0.5	65	43.8	11.0	M 10×40	32.93×3.53	0.83	**PSF25/S/34.5B**	400
S	1 1/4	32	43.0	28	90	0.5	75	51.6	13.5	M 12×50	37.89×3.53	1.19	**PSF32/S/43B**	400
S	1 1/2	38	48.6	32	90	0.6	90	60.1	17.5	M 16×60	47.22×3.53	1.80	**PSF38/S/48.6B**	400
S	2	51	61.0	41	100	0.6	100	69.3	17.5	M 16×70	56.52×5.34	3.08	**PSF51/S/61B**	400
S	2 1/2	56	76.6	50	110	0.4	120	83.4	22.0	M 20×80	69.22×5.34	5.14	**PSF56/S/76.6B**	400
S	3	63	89.0	58	120	1.9	150	102.5	26.0	M 24×90	75.57×5.34	7.34	**PSF63/S/89B**	400
S	3 1/2	70	102.0	63	130	2.5	160	113.1	26.0	M 24×100	85.09×5.34	8.09	**PSF70/S/102B**	400
S	4	80	114.0	74	140	2.5	180	123.7	33.0	M 30×120	88.27×5.34	12.75	**PSF80/S/114B**	350

[1] Pressure shown = Item deliverable

[2] L = light series; S = heavy series

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

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

Order code suffixes			
Material	Suffix surface and material	Example incl. flange clamp, metr. screws and O-ring	Standard sealing material (no additional suffix needed)
Steel, blanc oil dipped	S	PSF10/L/17.5BS	NBR

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark