

Parallel flange channels in accordance with BS4



Standard dimension				Reference								
Serial size (mm)	Designation	Section area	Unit weight	Distance of Cy (cm)	Moment of inertia (cm ⁴)		Radius of gyration (cm)		Section modulus (cm ³)		Plastic section modulus (cm ³)	
		(cm ²)	(kg/m)		Ix	Iy	rx	ry	sx	sy	zx	zy
PFC 430	430 x 100 x 64	82.1	64.4	2.62	21940	722.0	16.3	2.97	1020.0	97.9	1222.0	176
PFC 380	380 x 100 x 54	68.7	54.0	2.79	15030	643.0	14.8	3.06	791.0	89.2	933.0	161
PFC 300x100	300 x 100 x 46	58.0	45.5	3.05	8229	568.0	11.9	3.13	549.0	81.7	641.0	148
PFC 300x90	300 x 90 x 41	52.7	41.4	2.60	7218	404.0	11.7	2.77	481.0	63.1	568.0	114
PFC 260x90	260 x 90 x 35	44.4	34.8	2.74	4728	353.0	10.30	2.82	364.0	56.3	425.0	102.0
PFC 260x75	260 x 75 x 28	35.1	27.6	2.10	3619	185.0	10.10	2.30	278.0	34.4	328.0	62.0
PFC 230x90	230 x 90 x 30	41.0	32.2	2.92	3518	334.0	9.27	2.86	306.0	55.0	355.0	98.9
PFC 230x75	230 x 75 x 26	32.7	25.7	2.30	2748	181.0	9.17	2.35	239.0	34.8	278.0	63.2
PFC 200x90	200 x 90 x 32	37.9	29.7	3.12	2523	314.0	8.16	2.88	252.0	53.4	291.0	94.5
PFC 200x75	200 x 75 x 23	29.9	23.4	2.48	1963	170.0	8.11	2.39	196.0	33.8	227.0	60.6
PFC 180x90	180 x 90 x 26	33.2	26.1	3.17	1817	277.0	7.40	2.89	202.0	47.4	232.0	83.5
PFC 180x75	180 x 75 x 20	25.9	20.3	2.41	1370	146.0	7.27	2.38	152.0	28.8	176.0	51.8
PFC 150x90	150 x 90 x 24	30.4	23.9	3.30	1162	253.0	6.18	2.89	155.0	44.4	179.0	76.9
PFC 150x75	150 x 75 x 18	22.8	17.9	2.58	861	131.0	6.15	2.40	115.0	26.6	132.0	47.2
PFC 125	125 x 65 x 15	18.8	14.8	2.25	483	80.0	5.07	2.06	77.3	18.8	89.9	33.2
PFC 100	100 x 50 x 10	13.0	10.2	1.73	208	32.3	4.00	1.58	41.5	9.9	48.9	17.5

(The information given on these tables is for initial information only. Any use of these figures is at users own risk.)