

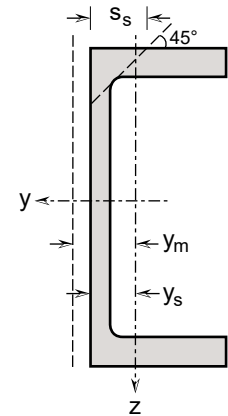
Channels with parallel flanges

Dimensions: in accordance with EN 10365
Tolerances: EN 10279: 2000

General properties								
Designation		Dimensions					Dimensions for detailing	
	G kg/m	h mm	b mm	t _w mm	t _f mm	A mm ² x10 ²	h _i mm	d mm
PFC 100 × 50 × 10	10.1	100	50	5	8.5	12.67	83	79
PFC 125 × 65 × 15	14.6	125	65	5.5	9.5	18.20	106	102
PFC 150 × 75 × 18	17.7	150	75	5.5	10	22.17	130	126
PFC 150 × 90 × 24	23.8	150	90	6.5	12	29.81	126	122
PFC 180 × 75 × 20	20.2	180	75	6	10.5	25.31	159	155
PFC 180 × 90 × 26	26.1	180	90	6.5	12.5	32.59	155	151
PFC 200 × 75 × 23	23.4	200	75	6	12.5	29.27	175	171
PFC 200 × 90 × 30	29.8	200	90	7	14	37.26	172	168
PFC 230 × 75 × 26	25.7	230	75	6.5	12.5	32.09	205	201
PFC 230 × 90 × 32	32.3	230	90	7.5	14	40.37	202	198
PFC 260 × 75 × 28	27.6	260	75	7	12	34.54	236	232
PFC 260 × 90 × 35	35.0	260	90	8	14	43.78	232	228
PFC 300 × 90 × 41	41.7	300	90	9	15.5	52.13	269	265
PFC 300 × 100 × 46	45.6	300	100	9	16.5	57.05	267	263
PFC 380 × 100 × 54	54.2	380	100	9.5	17.5	67.79	345	341
PFC 430 × 100 × 64	64.9	430	100	11	19	81.14	392	388

Stainless steel

Grade according to EN 10088-3: 1D
Surface condition: blasted and pickled



Structural properties

Designation	Strong axis y-y					Weak axis z-z								
	I_y mm ⁴ x10 ⁴	$W_{el,y}$ mm ³ x10 ³	$W_{pl,y}$ mm ³ x10 ³	i_y mm x10	A_{vz} mm ² x10 ²	I_z mm ⁴ x10 ⁴	$W_{el,z}$ mm ³ x10 ³	$W_{pl,z}$ mm ³ x10 ³	i_z mm x10	S_s mm	I_t mm ⁴ x10 ⁴	I_w mm ⁶ x10 ⁹	y_s mm x10	y_m mm x10
PFC 100 × 50 × 10	202.54	40.51	47.64	4.00	4.76	31.92	9.85	11.15	1.59	14.68	2.38	0.37	1.76	3.48
PFC 125 × 65 × 15	467.87	74.86	86.95	5.07	6.56	78.71	18.71	20.88	2.08	16.18	4.26	1.45	2.29	4.63
PFC 150 × 75 × 18	837.66	111.69	128.46	6.15	7.92	129.00	26.47	29.12	2.41	16.68	5.63	3.45	2.63	5.39
PFC 150 × 90 × 24	1139.99	152.00	175.05	6.18	9.23	249.66	44.19	49.94	2.89	19.68	11.27	6.94	3.35	6.78
PFC 180 × 75 × 20	1334.76	148.31	171.67	7.26	10.40	144.86	28.67	30.97	2.39	17.68	6.84	5.30	2.45	5.07
PFC 180 × 90 × 26	1783.82	198.20	227.74	7.40	11.15	273.58	47.23	52.27	2.90	20.18	12.79	10.65	3.21	6.57
PFC 200 × 75 × 23	1919.66	191.97	222.02	8.10	11.52	168.35	33.74	36.74	2.40	19.68	10.60	7.72	2.51	5.17
PFC 200 × 90 × 30	2481.75	248.17	286.43	8.16	13.32	310.96	53.22	58.82	2.89	22.18	17.78	14.71	3.16	6.44
PFC 230 × 75 × 26	2688.36	233.77	272.55	9.15	14.40	179.76	34.74	37.33	2.37	20.18	11.29	10.39	2.33	4.82
PFC 230 × 90 × 32	3460.33	300.90	349.01	9.26	16.50	331.85	54.85	59.56	2.87	22.68	18.76	19.84	2.95	6.08
PFC 260 × 75 × 28	3538.96	272.23	321.07	10.12	17.62	184.65	34.33	36.65	2.31	20.18	11.17	12.97	2.12	4.43
PFC 260 × 90 × 35	4651.39	357.80	418.00	10.31	19.98	350.79	56.22	60.43	2.83	23.18	20.00	25.73	2.76	5.72
PFC 300 × 90 × 41	7114.14	474.28	560.15	11.68	25.93	402.60	63.08	68.24	2.78	25.68	28.24	38.11	2.62	5.38
PFC 300 × 100 × 46	8068.80	537.92	628.63	11.89	25.86	564.53	81.60	87.92	3.15	26.68	35.36	55.26	3.08	6.37
PFC 380 × 100 × 54	14762.93	777.00	917.65	14.76	34.80	640.72	89.13	95.30	3.07	28.18	44.17	95.82	2.81	5.86
PFC 430 × 100 × 64	21587.15	1004.05	1204.15	16.31	45.61	721.03	97.89	106.88	2.98	31.18	61.45	133.73	2.63	5.40