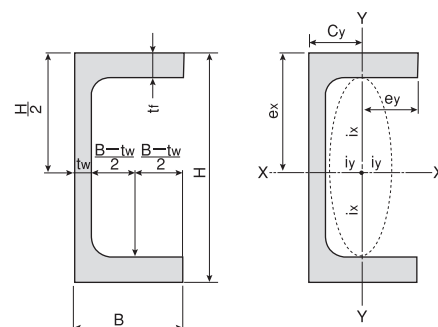# 5 PFC (Parallel Flange Channels) (Himeji)

Geometrical of inertia $I = ai^2$
Radius of gyration of area $i = \sqrt{I/a}$
Modulus of section $Z = I/e$
(a : sectional area)

〈Product shapes, dimensions and sectional properties〉

	Dimension (mm)		Sectional area (cm²)	Unit mass (kg/m)	Position of center of gravity (cm)		Geometrical moment of inertia (cm⁴)		Radius of gyration of area (cm)		Modulus of section (cm³)	
	H×B×t$_f$×t$_w$	r			Cx	Cy	Ix	Iy	ix	iy	Zx	Zy
75PFC	75×40×6.1×3.8	8	7.5	5.90	0	1.37	68.3	12.0	3.01	1.26	18.2	4.6
100PFC	100×50×6.7×4.2	8	10.6	8.31	0	1.67	173.5	26.7	4.04	1.59	34.7	8.0
125PFC	125×65×7.5×4.7	8	15.2	11.9	0	2.18	396.9	65.8	5.11	2.08	63.5	15.2
∗150PFC	150×75×9.5×6	10	22.5	17.7	0	2.49	833.9	128.6	6.08	2.39	111.2	25.7
∗180PFC	180×75×11×6	12	26.6	20.9	0	2.45	1413.1	150.9	7.29	2.38	157.0	29.9
∗200PFC	200×75×12×6	12	29.2	22.9	0	2.44	1910.3	165.5	8.09	2.38	191.0	32.7

*Remark   Please contact us in advance when ordering the sizes marked with ∗.