LARSSEN 603 10/10

Section width per D = 1200 mm

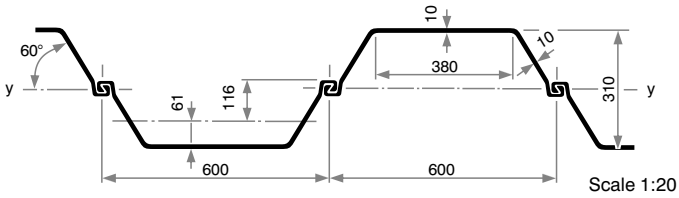
		Unit	Per m wall	Single pile	Double pile	Triple pile
				E	D	Dr
Elastic section modulus[1]	W_y	cm^3	**1260**	350	1510	1730
	W_z	cm^3	–	1230	–	–
Plastic section modulus[1]	W_y	cm^3	1400	–	–	–
Weight		kg/m	**116.0**	69.6	139.2	208.8
Cross sectional area		cm^2	148.3	89.0	178.0	267.0
Circumference[2]		cm	260	181	337	493
Coating area[3]		m^2/m	2.60	1.69	3.25	4.81
Static moment	S_y	cm^3	700	–	–	–
Second moment of inertia	I_y	cm^4	**19530**	4067	23440	32180
	I_z	cm^4	–	39240	–	–
Radius of gyration	i_y	cm	11.48	6.34	11.48	10.98

[1] **Section modulus referred:**
E and Dr – the heavy axis of the respective element; D and per m wall – the wall axis y-y.
The section modulus of D, Dr u. per m wall requires locking of the factory-crimped interlocks to accommodate the shear forces.

[2] Including the internal surface of free interlocks of single, double and triple piles.

[3] Without interlock interior – two-side coating.

Sheet Piling Handbook
08/05
subject to alterations



Scale 1:20

Rolling/delivery on request only.

Classification according to ENV 1993-5

Steel grade					
S 240 GP	S 270 GP	S 320 GP	S 355 GP	S 390 GP	S 430 GP
3	3	3	3	3	4