LARSSEN 605 K

Section width per D = 1200 mm

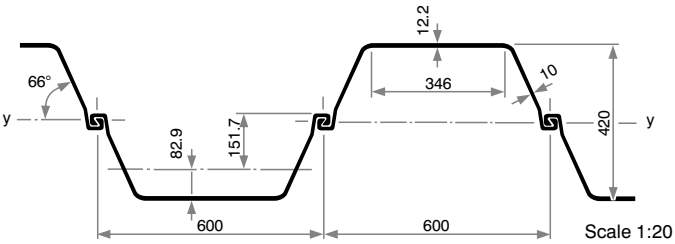
		Unit	Per m wall	Single pile	Double pile	Triple pile
				E	D	Dr
Elastic section modulus[1]	W_y	cm^3	**2030**	549	2430	2810
	W_z	cm^3	–	1510	–	–
Plastic section modulus[1]	W_y	cm^3	2294	–	–	–
Weight		kg/m	**144.5**	86.7	173.4	260.1
Cross sectional area		cm^2	183.3	110.0	220.0	330.0
Circumference[2]		cm	290	200	374	548
Coating area[3]		m^2/m	2.90	1.88	3.62	5.36
Static moment	S_y	cm^3	1147	–	–	–
Second moment of inertia	I_y	cm^4	**42550**	8240	51060	70630
	I_z	cm^4	–	48150	–	–
Radius of gyration	i_y	cm	15.20	8.59	15.20	14.70

[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



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
2	2	2	2	2	3