

## Section illustrations and data

## LARSSEN 603 K

Section width per D = 1200 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr	
<b>Elastic section modulus<sup>1)</sup></b>	<b>W<sub>y</sub></b>	cm <sup>3</sup>	<b>1240</b>	340	1490	1720
	<b>W<sub>z</sub></b>	cm <sup>3</sup>	–	1190	–	–
Plastic section modulus <sup>1)</sup>	<b>W<sub>y</sub></b>	cm <sup>3</sup>	1360	–	–	–
<b>Weight</b>		kg/m	<b>113.5</b>	68.1	136.2	204.3
Cross sectional area		cm <sup>2</sup>	145	87	174	261
Circumference <sup>2)</sup>		cm	260	181	337	493
Coating area <sup>3)</sup>		m <sup>2</sup> /m	2.60	1.69	3.25	4.81
Static moment	<b>S<sub>y</sub></b>	cm <sup>3</sup>	680	–	–	–
<b>Second moment of inertia</b>	<b>I<sub>y</sub></b>	cm <sup>4</sup>	<b>19220</b>	3890	23060	32040
	<b>I<sub>z</sub></b>	cm <sup>4</sup>	–	38030	–	–
Radius of gyration	<b>i<sub>y</sub></b>	cm	11.55	6.69	11.55	11.10

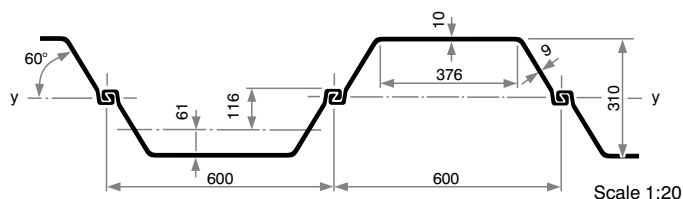
## 1) Section modulus referred:

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.



## 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