

## Section illustrations and data

## LARSEN 703 K

Section width per D = 1400 mm

	Unit	Per m wall	Single pile	Double pile	Triple pile	
			E	D	Dr <sup>4)</sup>	
Elastic section modulus <sup>1)</sup>	W <sub>y</sub>	cm <sup>3</sup>	<b>1300</b>	426	1820	2120
	W <sub>z</sub>	cm <sup>3</sup>	–	1390	–	–
Plastic section modulus <sup>1)</sup>	W <sub>y</sub>	cm <sup>3</sup>	1575	–	–	–
Weight		kg/m	<b>103.0</b>	72.1	144.2	216.3
Cross sectional area		cm <sup>2</sup>	131.1	91.8	183.6	275.4
Circumference <sup>2)</sup>		cm	251	202	377	553
Coating area <sup>3)</sup>		m <sup>2</sup> /m	2.51	1.90	3.65	5.41
Static moment	S <sub>y</sub>	cm <sup>3</sup>	787.5	–	–	–
Second moment of inertia	I <sub>y</sub>	cm <sup>4</sup>	<b>25950</b>	5830	36330	50380
	I <sub>z</sub>	cm <sup>4</sup>	–	51300	–	–
Radius of gyration	i <sub>y</sub>	cm	13.90	7.90	13.90	13.40

## 1) Section modulus referred:

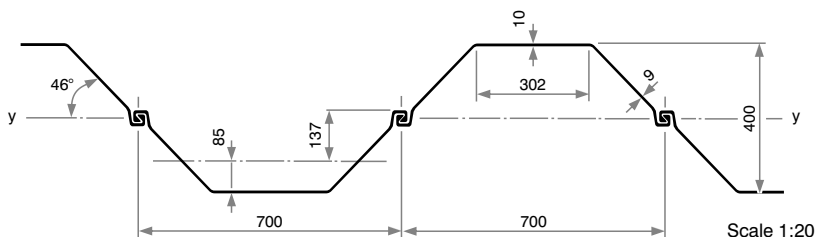
E and Dr – the heavy axis of the respective element; D and per m wall – the wall axis y-y.

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.

## 4) 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
2	2	2	2	3	3