

# PIG GRID SLOT CM 1.80/12

## GRID FOR FATTENING PIG TRANSVERSE MODEL

Fattori srl produces these grids in accordance with current regulations (Directive 2008/120/EC) and the requirements of standard EN 12737:2007 which impose precise characteristics:

- Rck 40 concrete
- guaranteed durability in XC3 XA2 environments
- high quality B450C steel calculated to ensure the required performance
- slots with a width of 1.80 cm and rounded to limit the possibility of injury to the feet of the animal
- tread from 8.20 cm
- production lots that allow the traceability of the raw materials used and provide further guarantees for the purchaser

The production process is monitored at every stage, starting from the incoming raw materials, and in every single process until the loading of the finished product. **It is a cutting edge product at a European level.**

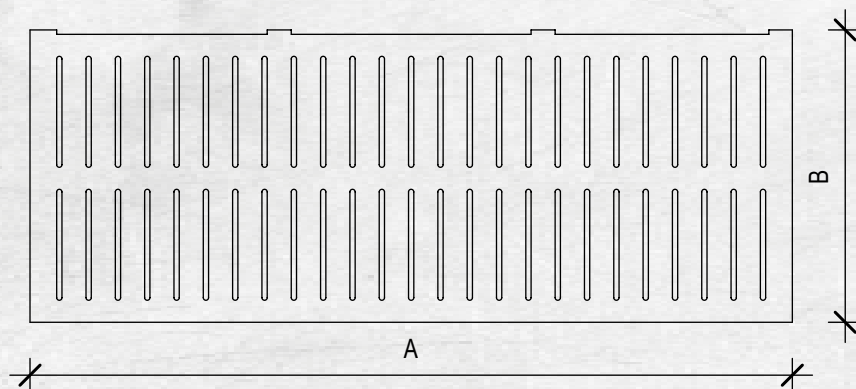


**FATTORI**  
SISTEMI E STRUTTURE IN CEMENTO ARMATO

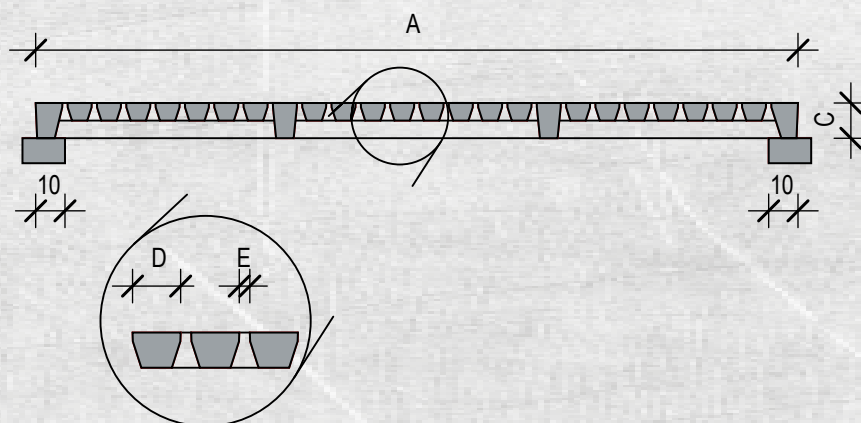
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# TECHNICAL SPECIFICATIONS

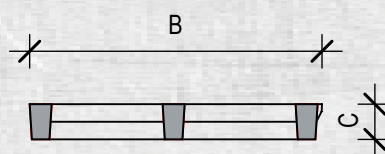
## PLAN



## LONGITUDINAL SECTION PLAN VIEW



## TRANSVERSE SECTION VIEW



### TECHNICAL CHARACTERISTICS OF THE ELEMENT

#### VARIABLE LIVE LOAD:

500 Kg/mq in addition to its own weight

#### CONCRETE:

R<sub>ck</sub> formwork  $\geq 20$  N/mm<sup>2</sup>

R<sub>ck</sub> in 28 day  $\geq 40$  N/mm<sup>2</sup>

#### STEEL B450C checked:

f<sub>yk</sub>  $\geq 450$  N/mm<sup>2</sup>

f<sub>tk</sub>  $\geq 540$  N/mm<sup>2</sup>

#### WELDMESH:

Steel B450A

EXPOSURE CLASS XC3-XA2

bar cover 2,5cm

bar free interspace  $\geq 2$  cm  $\geq \varnothing$  max

REI 30

#### TOLLERANCE

length  $\pm 1,0$  cm

height  $\pm 0,5$  cm

width  $\pm 1,0$  cm

mild reinforcement  $\pm 1,0$  cm



1982-CPR-331  
EN 12737

ITEM CODE	A cm	B cm	C cm	D cm	E cm	Flow Kg/mq	Weight Kg/cad	Empty Surf. mq	Full Surf. mq	Empty/full Ratio
GS100501218	100	50	12	8,2	1,8	500	78	0,068	0,432	16%
GS1001001218	100	100	12	8,2	1,8	500	144	0,135	0,865	16%
GS150501218	150	50	12	8,2	1,8	500	117	0,106	0,644	16%
GS1501001218	150	100	12	8,2	1,8	500	216	0,211	1,289	16%
GS200501218	200	50	12	8,2	1,8	500	156	0,143	0,857	16%
GS2001001218	200	100	12	8,2	1,8	500	288	0,280	1,714	16%
GS250501218	250	50	12	8,2	1,8	500	195	0,182	1,068	16%
GS2501001218	250	100	12	8,2	1,8	500	360	0,375	2,125	16%

The table shows the standard sizes; we can also produce non-standard sizes upon prior arrangements with our offices.

The sizes shown are indicative, **FATTORI** reserves the right to make any changes at any time without prior notice.