



# PIG GRID SLOT cm 1.80/10

## GRID FOR FATTENING PIG

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 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 20.8 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.**

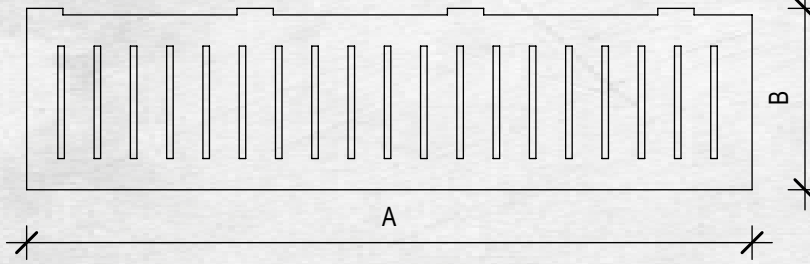


**FATTORI**  
SISTEMI E STRUTTURE IN CEMENTO ARMATO

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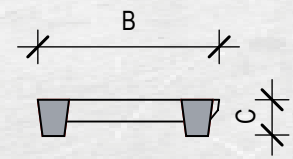
# TECHNICAL SPECIFICATIONS

## TRANSVERSE MODEL

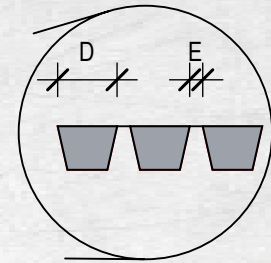
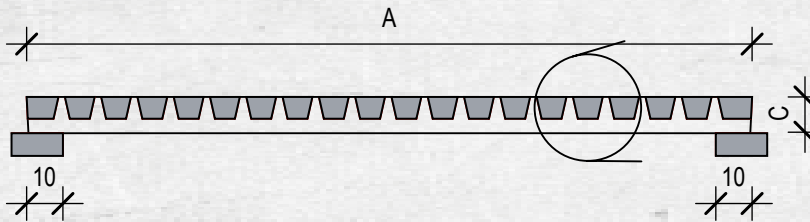


## PLAN

## TRANSVERSE SECTION VIEW

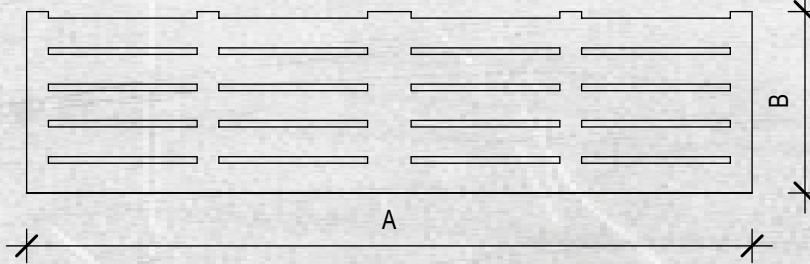


## LONGITUDINAL SECTION PLAN VIEW



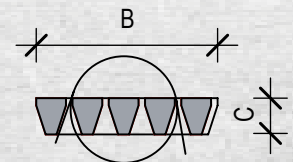
1982-CPR-331  
EN 12737

## LONGITUDINAL MODEL

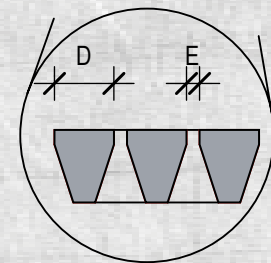
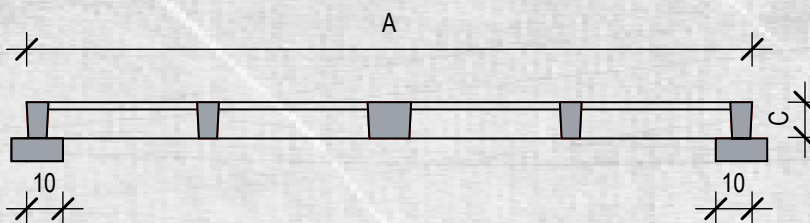


## PLAN

## TRANSVERSE SECTION VIEW



## LONGITUDINAL SECTION PLAN VIEW



1982-CPR-331  
EN 12737

### Grid transverse model

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
GS100501018	100	50	10	8,2	1,8	400	66	0,065	0,435	15%
GS120501018	120	50	10	8,2	1,8	400	80	0,079	0,521	15%
GS150501018	150	50	10	8,2	1,8	400	100	0,100	0,650	15%
GS180501018	180	50	10	8,2	1,8	400	120	0,121	1,779	15%
GS200501018	200	50	10	8,2	1,8	400	133	0,135	0,865	15%

### TECHNICAL CHARACTERISTICS OF THE ELEMENT

#### VARIABLE LIVE LOAD:

400 Kg/mq in addition to its own weight

#### CONCRETE:

R<sub>ck</sub> formwork ≥ 20 N/mm<sup>2</sup>

R<sub>ck</sub> in 28 day ≥ 40 N/mm<sup>2</sup>

#### STEEL B450C checked:

f<sub>yk</sub> ≥ 450 N/mm<sup>2</sup>

f<sub>tk</sub> ≥ 540 N/mm<sup>2</sup>

#### WELDMESH:

Steel B450A

**EXPOSURE CLASS** XC3-XA2

bar cover 2,5 cm

bar free interspace ≥ 2 cm ≥ Ø max

REI 30

#### TOLLERANCES

length ± 1,0 cm

height ± 0,5 cm

width ± 1,0 cm

mild reinforcement ± 1,0 cm

### Grid longitudinal model

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
GS100501018	100	50	10	8,2	1,8	400	66	0,074	0,426	17%
GS150501018	150	50	10	8,2	1,8	400	124	0,111	0,639	17%
GS200501018	200	50	10	8,2	1,8	400	166	0,135	0,865	17%

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.