

# GRI50



## CARATTERISTICHE:

Griglie di ripresa industriali ad alette fisse inclinate di 45° passo 50 mm.

## COSTRUZIONE:

Acciaio zincato.  
Su richiesta sono disponibili costruzioni in acciaio inox AISI 304 nelle finiture 2B o BA.

## IMPIEGO:

A parete, per presa aria esterna o espulsione.

## FISSAGGIO:

Fissaggio con viti frontali.

## ACCESSORI:

- Serranda di taratura in acciaio zincato con alette a movimento contrapposto.
- Controtelaio di montaggio in lamiera di acciaio zincato.
- Rete antivoltatile.
- Serranda di sovrappressione a gravità.

## CHARACTERISTICS:

Industrial return grilles with fixed and 45° inclined bars 50 mm pitch.

## CONSTRUCTION:

Galvanized steel.  
Models made of stainless steel AISI 304, 2B or BA finish, are available on demand.

## UTILIZATION:

For wall installation and for external air intake or exhaust air flow.

## FIXING:

Fixing by using frontal screws.

## ACCESSORIES:

- Calibration damper made of galvanized steel and fins with opposite movement.
- Mounting counterframes made of galvanized steel sheet.
- Bird screen.
- Overpressure damper.

## PREZZI - PRICES

| BxH         | GRI50 | GRI50R | GRI50RZ | GRI50RSS | SC | CTP |
|-------------|-------|--------|---------|----------|----|-----|
| mm          | €     | €      | €       | €        | €  | €   |
| 400x400     |       |        |         |          |    |     |
| 500x400     |       |        |         |          |    |     |
| 600x400     |       |        |         |          |    |     |
| 800x400     |       |        |         |          |    |     |
| 1000x400    |       |        |         |          |    |     |
| 1200x400    |       |        |         |          |    |     |
| • 1400x400  |       |        |         |          |    |     |
| • 1600x400  |       |        |         |          |    |     |
| • 1800x400  |       |        |         |          |    |     |
| • 2000x400  |       |        |         |          |    |     |
| 400x500     |       |        |         |          |    |     |
| 500x500     |       |        |         |          |    |     |
| 600x500     |       |        |         |          |    |     |
| 800x500     |       |        |         |          |    |     |
| 1000x500    |       |        |         |          |    |     |
| 1200x500    |       |        |         |          |    |     |
| • 1400x500  |       |        |         |          |    |     |
| • 1600x500  |       |        |         |          |    |     |
| • 1800x500  |       |        |         |          |    |     |
| • 2000x500  |       |        |         |          |    |     |
| 400x600     |       |        |         |          |    |     |
| 600x600     |       |        |         |          |    |     |
| 800x600     |       |        |         |          |    |     |
| 1000x600    |       |        |         |          |    |     |
| 1200x600    |       |        |         |          |    |     |
| • 1400x600  |       |        |         |          |    |     |
| • 1600x600  |       |        |         |          |    |     |
| • 1800x600  |       |        |         |          |    |     |
| • 2000x600  |       |        |         |          |    |     |
| 400x800     |       |        |         |          |    |     |
| 600x800     |       |        |         |          |    |     |
| 800x800     |       |        |         |          |    |     |
| 1000x800    |       |        |         |          |    |     |
| 1200x800    |       |        |         |          |    |     |
| • 1400x800  |       |        |         |          |    |     |
| • 1600x800  |       |        |         |          |    |     |
| • 1800x800  |       |        |         |          |    |     |
| • 2000x800  |       |        |         |          |    |     |
| 400x1000    |       |        |         |          |    |     |
| 600x1000    |       |        |         |          |    |     |
| 800x1000    |       |        |         |          |    |     |
| 1000x1000   |       |        |         |          |    |     |
| 1200x1000   |       |        |         |          |    |     |
| • 1400x1000 |       |        |         |          |    |     |
| • 1600x1000 |       |        |         |          |    |     |
| • 1800x1000 |       |        |         |          |    |     |

• Rinforzo intermedio - Intermediate reinforcing

PREZZI - PRICES

| BxH        | GRI50 | GRI50R | GRI50RZ | GRI50RSS | SC | CTP |
|------------|-------|--------|---------|----------|----|-----|
| mm         | €     | €      | €       | €        | €  | €   |
| •2000x1000 |       |        |         |          |    |     |
| 400x1200   |       |        |         |          |    |     |
| 600x1200   |       |        |         |          |    |     |
| 800x1200   |       |        |         |          |    |     |
| 1000x1200  |       |        |         |          |    |     |
| 1200x1200  |       |        |         |          |    |     |
| •1400x1200 |       |        |         |          |    |     |
| •1600x1200 |       |        |         |          |    |     |
| •1800x1200 |       |        |         |          |    |     |
| •2000x1200 |       |        |         |          |    |     |
| 400x1500   |       |        |         |          |    |     |
| 600x1500   |       |        |         |          |    |     |
| 800x1500   |       |        |         |          |    |     |
| 1000x1500  |       |        |         |          |    |     |
| 1200x1500  |       |        |         |          |    |     |
| •1400x1500 |       |        |         |          |    |     |
| •1600x1500 |       |        |         |          |    |     |
| •1800x1500 |       |        |         |          |    |     |
| •2000x1500 |       |        |         |          |    |     |
| •2000x1600 |       |        |         |          |    |     |
| •2000x1800 |       |        |         |          |    |     |
| •2000x2000 |       |        |         |          |    |     |

**VERNICIATURA:**

Colori RAL 9010 - 9016: + 15%  
Altri colori: prezzi a richiesta

**DESCRIZIONI:**

GRI50: Griglia di ripresa passo 50 mm in acciaio  
GRI50R: Griglia di ripresa passo 50 mm in acciaio con rete antivolatile  
GRI50RZ: Griglia di ripresa passo 50 mm in acciaio con rete anti insetto (zanzariera)  
GRI50RSS: Griglia di ripresa passo 50 mm in acciaio con rete antivolatile e serranda di sovrappressione a gravità

**ESECUZIONI SU RICHIESTA:**

- griglia completa di tegolo anti pioggia  
+TEG +5% AUM

**ACCESSORI:**

SC: Serranda di taratura ad alette con movimento contrapposto  
CTP: Controtelaio di fissaggio in lamiera d'acciaio zincata.  
PBZ: Plenum di raccordo

**PAINTING:**

Color RAL 9010 - 9016: + 15%  
Different colors: prices on request

**DESCRIPTIONS:**

GRI50: Steel return grille (50mm between bars)  
GRI50R: Steel return grille (50 mm between bars) with bird mesh  
GRI50RZ: Steel return grille (50 mm between bors) with insect creen  
GRI50RSS: Steel return grille (50 mm between bars) with bird mesh and overpressure damper

**AVAILABLE ON REQUEST:**

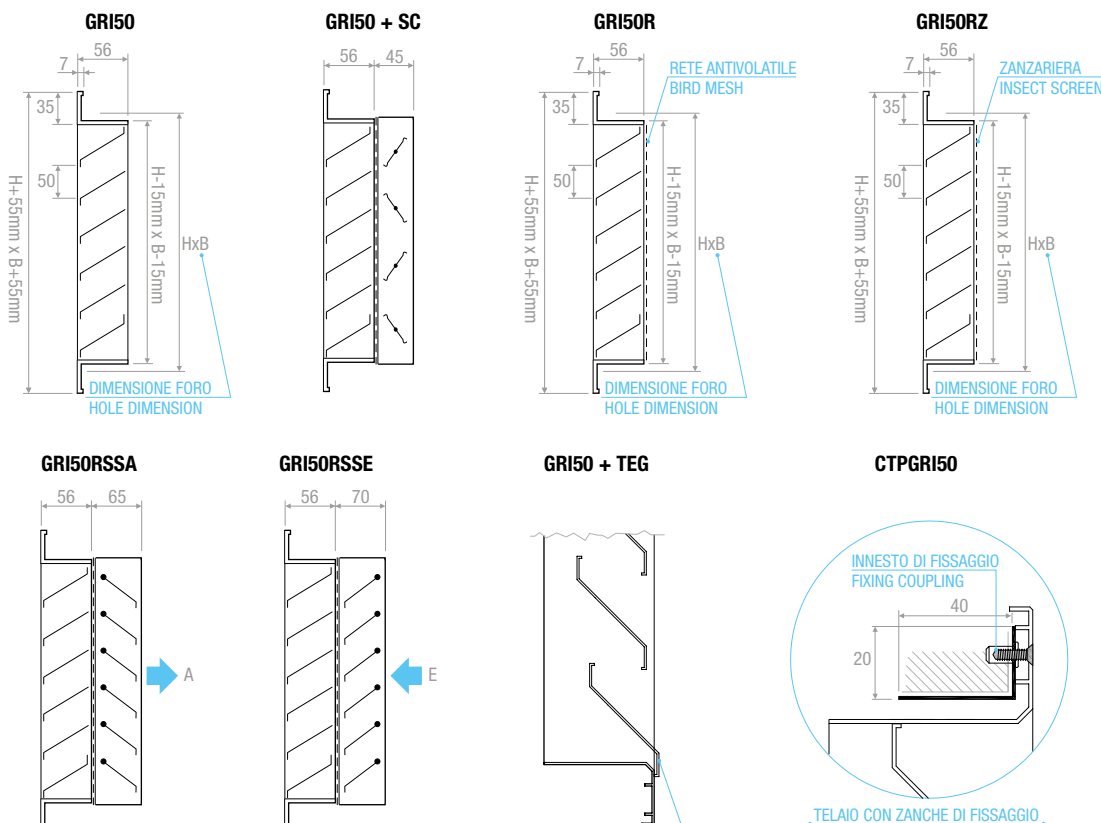
- grille with rain-proof panel  
+TEG +5% INCREASE

**ACCESSORIES:**

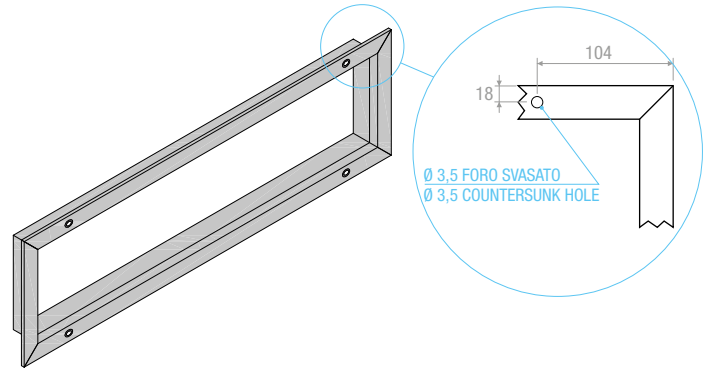
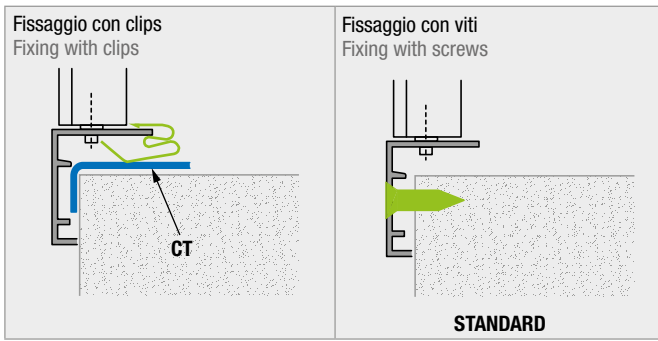
SC: Opposed blade damper  
CTP: Counterframe in galvanised steel sheet profile section  
PBZ: Connecting plenum

• Rinforzo intermedio - Intermediate reinforcing

DISEGNI - DRAWINGS



## TIPO DI FISSAGGIO - TYPE OF FIXING



## DIAGRAMMA SCELTA RAPIDA - QUICK SELECTION DIAGRAM

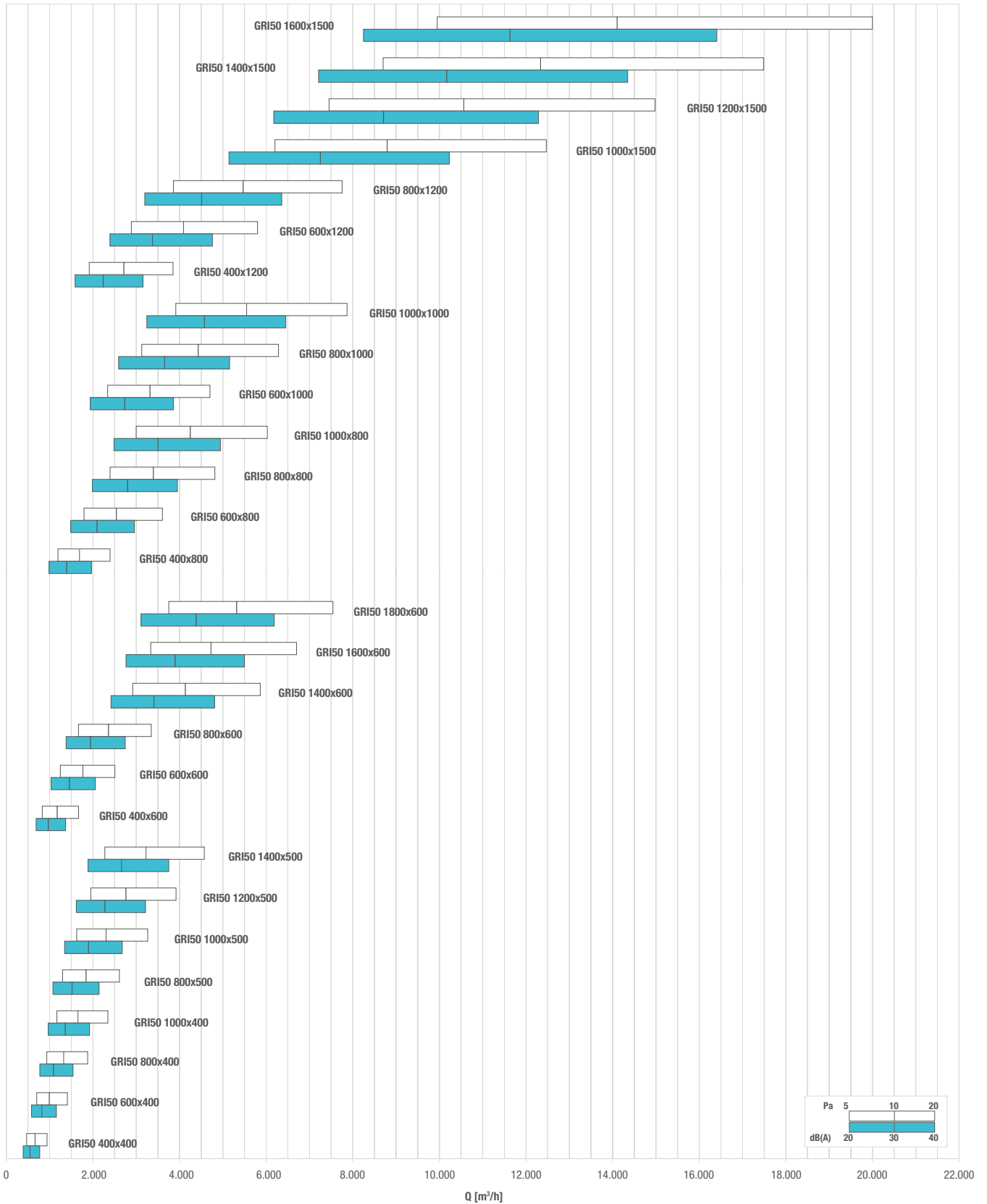


TABELLA DI SELEZIONE - SELECTION TABLE

| Modello - Model | A <sub>k</sub> [m <sup>2</sup> ] | Q [m <sup>3</sup> /h] |       | L <sub>wa</sub> [dB(A)] |     | Dp <sub>t</sub> [Pa] |     |
|-----------------|----------------------------------|-----------------------|-------|-------------------------|-----|----------------------|-----|
|                 |                                  | min                   | max   | min                     | max | min                  | max |
| GRI50 400x400   | 0,0771                           | 470                   | 940   | 25                      | 46  | 5                    | 20  |
| GRI50 600x400   | 0,1153                           | 700                   | 1410  | 25                      | 46  | 5                    | 20  |
| GRI50 800x400   | 0,1535                           | 930                   | 1880  | 25                      | 46  | 5                    | 20  |
| GRI50 1000x400  | 0,1917                           | 1170                  | 2350  | 26                      | 46  | 5                    | 20  |
| GRI50 1200x400  | 0,2299                           | 1400                  | 2810  | 25                      | 46  | 5                    | 20  |
| GRI50 1400x400  | 0,2681                           | 1630                  | 3280  | 25                      | 46  | 5                    | 20  |
| GRI50 1600x400  | 0,3063                           | 1870                  | 3750  | 26                      | 46  | 5                    | 20  |
| GRI50 1800x400  | 0,3445                           | 2100                  | 4220  | 25                      | 46  | 5                    | 20  |
| GRI50 2000x400  | 0,3827                           | 2330                  | 4690  | 25                      | 46  | 5                    | 20  |
| GRI50 400x500   | 0,1068                           | 650                   | 1310  | 25                      | 46  | 5                    | 20  |
| GRI50 500x500   | 0,1335                           | 810                   | 1630  | 25                      | 46  | 5                    | 20  |
| GRI50 600x500   | 0,1602                           | 980                   | 1960  | 26                      | 46  | 5                    | 20  |
| GRI50 800x500   | 0,2135                           | 1300                  | 2610  | 25                      | 46  | 5                    | 20  |
| GRI50 1000x500  | 0,2669                           | 1630                  | 3270  | 26                      | 46  | 5                    | 20  |
| GRI50 1200x500  | 0,3203                           | 1950                  | 3920  | 25                      | 46  | 5                    | 20  |
| GRI50 1400x500  | 0,3736                           | 2280                  | 4570  | 26                      | 46  | 5                    | 20  |
| GRI50 1600x500  | 0,4270                           | 2600                  | 5230  | 25                      | 46  | 5                    | 20  |
| GRI50 1800x500  | 0,4804                           | 2930                  | 5880  | 26                      | 46  | 5                    | 20  |
| GRI50 2000x500  | 0,5338                           | 3250                  | 6530  | 25                      | 46  | 5                    | 20  |
| GRI50 400x600   | 0,1365                           | 830                   | 1670  | 25                      | 46  | 5                    | 20  |
| GRI50 600x600   | 0,2050                           | 1250                  | 2510  | 25                      | 46  | 5                    | 20  |
| GRI50 800x600   | 0,2735                           | 1670                  | 3350  | 26                      | 46  | 5                    | 20  |
| GRI50 1000x600  | 0,3421                           | 2080                  | 4190  | 25                      | 46  | 5                    | 20  |
| GRI50 1200x600  | 0,4106                           | 2500                  | 5030  | 25                      | 46  | 5                    | 20  |
| GRI50 1400x600  | 0,4792                           | 2920                  | 5870  | 25                      | 46  | 5                    | 20  |
| GRI50 1600x600  | 0,5477                           | 3340                  | 6700  | 25                      | 46  | 5                    | 20  |
| GRI50 1800x600  | 0,6162                           | 3750                  | 7540  | 25                      | 46  | 5                    | 20  |
| GRI50 2000x600  | 0,6848                           | 4170                  | 8380  | 25                      | 46  | 5                    | 20  |
| GRI50 400x800   | 0,1958                           | 1190                  | 2400  | 25                      | 46  | 5                    | 20  |
| GRI50 600x800   | 0,2947                           | 1790                  | 3610  | 25                      | 46  | 5                    | 20  |
| GRI50 800x800   | 0,3936                           | 2400                  | 4820  | 25                      | 46  | 5                    | 20  |
| GRI50 1000x800  | 0,4924                           | 3000                  | 6030  | 25                      | 46  | 5                    | 20  |
| GRI50 1200x800  | 0,5913                           | 3600                  | 7240  | 25                      | 46  | 5                    | 20  |
| GRI50 1400x800  | 0,6902                           | 4200                  | 8450  | 25                      | 46  | 5                    | 20  |
| GRI50 1600x800  | 0,7890                           | 4810                  | 9660  | 25                      | 46  | 5                    | 20  |
| GRI50 1800x800  | 0,8879                           | 5410                  | 10870 | 25                      | 46  | 5                    | 20  |
| GRI50 2000x800  | 0,9868                           | 6010                  | 12080 | 25                      | 46  | 5                    | 20  |
| GRI50 400x1000  | 0,2552                           | 1550                  | 3120  | 25                      | 46  | 5                    | 20  |
| GRI50 600x1000  | 0,3844                           | 2340                  | 4710  | 25                      | 46  | 5                    | 20  |
| GRI50 800x1000  | 0,5136                           | 3130                  | 6290  | 25                      | 46  | 5                    | 20  |
| GRI50 1000x1000 | 0,6428                           | 3910                  | 7870  | 25                      | 46  | 5                    | 20  |
| GRI50 1200x1000 | 0,7720                           | 4700                  | 9450  | 25                      | 46  | 5                    | 20  |
| GRI50 1400x1000 | 0,9012                           | 5490                  | 11030 | 25                      | 46  | 5                    | 20  |
| GRI50 1600x1000 | 1,0304                           | 6270                  | 12610 | 25                      | 46  | 5                    | 20  |
| GRI50 1800x1000 | 1,1596                           | 7060                  | 14200 | 25                      | 46  | 5                    | 20  |
| GRI50 2000x1000 | 1,2888                           | 7850                  | 15780 | 25                      | 46  | 5                    | 20  |
| GRI50 400x1200  | 0,3146                           | 1920                  | 3850  | 26                      | 46  | 5                    | 20  |
| GRI50 600x1200  | 0,4741                           | 2890                  | 5800  | 25                      | 46  | 5                    | 20  |
| GRI50 800x1200  | 0,6336                           | 3860                  | 7760  | 25                      | 46  | 5                    | 20  |
| GRI50 1000x1200 | 0,7932                           | 4830                  | 9710  | 25                      | 46  | 5                    | 20  |
| GRI50 1200x1200 | 0,9527                           | 5800                  | 11660 | 25                      | 46  | 5                    | 20  |
| GRI50 1400x1200 | 1,1122                           | 6770                  | 13620 | 25                      | 46  | 5                    | 20  |
| GRI50 1600x1200 | 1,2718                           | 7740                  | 15570 | 25                      | 46  | 5                    | 20  |
| GRI50 1800x1200 | 1,4313                           | 8720                  | 17520 | 25                      | 46  | 5                    | 20  |
| GRI50 2000x1200 | 1,5908                           | 9690                  | 19480 | 25                      | 46  | 5                    | 20  |
| GRI50 400x1500  | 0,4036                           | 2460                  | 4940  | 25                      | 46  | 5                    | 20  |
| GRI50 600x1500  | 0,6086                           | 3710                  | 7450  | 25                      | 46  | 5                    | 20  |
| GRI50 800x1500  | 0,8137                           | 4960                  | 9960  | 25                      | 46  | 5                    | 20  |
| GRI50 1000x1500 | 1,0187                           | 6200                  | 12470 | 25                      | 46  | 5                    | 20  |
| GRI50 1200x1500 | 1,2237                           | 7450                  | 14980 | 25                      | 46  | 5                    | 20  |
| GRI50 1400x1500 | 1,4288                           | 8700                  | 17490 | 25                      | 46  | 5                    | 20  |
| GRI50 1600x1500 | 1,6338                           | 9950                  | 20000 | 25                      | 46  | 5                    | 20  |
| GRI50 1800x1500 | 1,8388                           | 11200                 | 22510 | 25                      | 46  | 5                    | 20  |
| GRI50 2000x1500 | 2,0439                           | 12450                 | 25020 | 25                      | 46  | 5                    | 20  |
| GRI50 2000x1600 | 2,1949                           | 13370                 | 26870 | 25                      | 46  | 5                    | 20  |
| GRI50 2000x1800 | 2,4969                           | 15210                 | 30570 | 25                      | 46  | 5                    | 20  |
| GRI50 2000x2000 | 2,7989                           | 17040                 | 34260 | 25                      | 46  | 5                    | 20  |

