



# ICS

## Aspiratori centrifughi pale avanti Forward curved blade centrifugal fans



La serie non rientra nel campo di applicazione della Direttiva ErP 2009/125/CE

The series is not affected by ErP Directive 2009/125/CE

### DESCRIZIONE

Gli aspiratori della serie ICS trovano la loro principale applicazione negli impianti civili ed industriali di ventilazione, riscaldamento e condizionamento. Possono convogliare aria e fumi puliti o leggermente polverosi (non abrasivi) con temperatura di +100°C. La serie è costituita da modelli con diametro girante da 200 a 450 mm. Tutte le grandezze sono orientabili ogni 45°, esclusi gli orientamenti 180° e 225° che richiedono una costruzione speciale.

### COSTRUZIONE

- Cassa a spirale realizzata in lamiera d'acciaio. Protetta contro gli agenti atmosferici con vernici a polveri epossipoliesteriche.
- Girante a semplice aspirazione, con pale curve in avanti (sirocco), realizzata in lamiera zincata dal tipo 200 al 315 e in lamiera d'acciaio con pale saldate e verniciate dal tipo 355 al 450.
- Esecuzione 4 (accoppiamento diretto con girante a sbalzo e motore sostenuto da supporto).
- Orientamento standard LG 270°.

### INSTALLAZIONE

Gli aspiratori centrifughi con girante a pale curve in avanti devono sempre funzionare collegati a tubazioni o prevedere sistemi, che con la loro resistenza (ad esempio serrande di taratura), ne limitino la portata in modo tale che i valori di corrente assorbita rientrino nei valori ammissibili riportati sulla targa del motore elettrico.

### MOTORE

Motore asincrono trifase o monofase a norme internazionali IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE e marcato CE IP55, classe F.

### ACCESSORI

- Rete di protezione per bocca aspirante e premente realizzata a norma UNI 12499 e protetta contro gli agenti atmosferici
- Raccordo aspirante tondo.

### DESCRIPTION

The fans of the ICS series find their principal application in the civil and industrial ventilation plants, heating and conditioning. They can convey clean air and light smoke with temperature of +100°C. The series consists of different models with impeller diameter from 200 to 450 mm. All sizes are available with discharge angle adjustable by every 45°, with the exclusion of 180° and 225° orientation, which require a special construction.

### CONSTRUCTION

- Volute casing in folded steel sheet, protected against atmospheric agent by epoxy paint.
- Single inlet, single width, forward curved impeller (sirocco type), manufactured in galvanized steel sheet from type 200 to 315 and in steel sheet with welded blades epoxy painted from type 355 to 450.
- Execution 4 (with impeller directly coupled to motor with feet).
- Standard orientation LG 270°.

### INSTALLATION

The centrifugal fans with forward curved impellers must always be installed to ducted systems, eventually with the use of additional resistance (for example setting shutters), that can limit the air flow in such a way that the absorbed current is within the acceptable values stated on the motor rating label.

### MOTOR

Asynchronous three-phase or single-phase motors according to international standards IEC 60034, IEC 60072, EMC2004/108/CE, LVD 2006/95/CE, CE marked, IP 55, class F.

### ACCESSORIES

- Inlet and outlet protection guard manufactured according to UNI 12499 norm and protected against the atmospheric agents
- Round inlet adaptor.

## VERSIONI | VERSIONS



ICS ATEX

Versione antideflagrante secondo la Direttiva 2014/34/UE  
Explosion-proof version according to Directive 2014/34/UE

# PRESTAZIONI | PERFORMANCE

ICS

Le prestazioni aerauliche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1,2 Kg/m³.  
Il livello di potenza sonora è ottenuto secondo la norma EN ISO 3746.  
Installazione D.  
Alimentazione 400V/3Ph/50Hz.

Air performances are measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight.  
The sound power level is obtained according to EN ISO 3746.  
Installation D.  
Power supply 400V/3Ph/50Hz.

| U - M/T                                                                           | P                                                                                  | Pm (kW)                                          | In (A)                                                   | IP/CL                                                                                            | Mot. (Gr)                         | Lp/Lw (dBA)                                                                     | Ps (Pa)                                 | Q (m³/h)                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------|
| Alimentazione elettrica<br>Monofase/Trifase<br>Power supply<br>Single/Three-phase | N° di poli motore<br>N° of motor poles<br>(RPM: 2p=3000 4p=1500<br>6p=1000 8p=750) | Potenza<br>nominale motore<br>Motor power rating | Corrente nominale<br>a pieno carico<br>Full load current | Grado di protezione<br>motore/Classe di isolamento<br>Motor protection<br>grade/Insulation class | Grandezza<br>motore<br>Motor size | Livello di pressione<br>e potenza sonora<br>Sound pressure<br>and volume levels | Pressione<br>statica<br>Static pressure | Portata<br>volumetrica<br>Airflow<br>volume |

## ICS 200

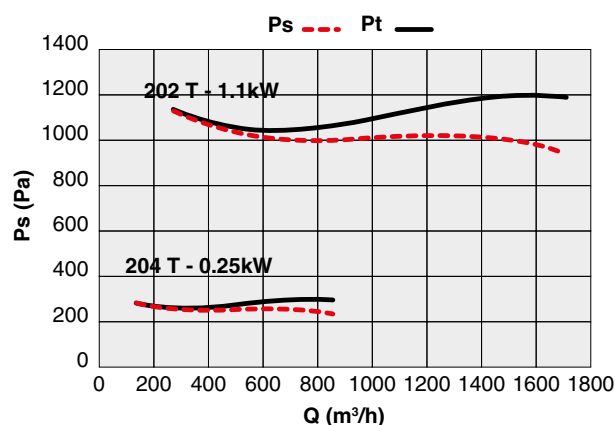
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 11S0200 | ICS          | 202              | T | 2 | 1.10       | 2.50      | ✓   | 55/F  |
| 11S0201 |              | 204              | T | 4 | 0.25       | 0.85      | -   | 55/F  |

### LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kg/m²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|----------------|
| ICS          | 202              | 1700            | 1050           | 19.43          | 0.0243    | 0.02           |
|              | 204              | 1550            | 211            | 17.72          | 0.0243    | 0.02           |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  |    | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|----|------|-----|-----|-----|------|------|------|------|-----|
| 202 | Lw | 67   | 79  | 85  | 88  | 90   | 89   | 78   | 68   | 95  |
|     | Lp | 56   | 68  | 74  | 77  | 79   | 78   | 67   | 57   | 84  |
| 204 | Lw | 51   | 63  | 68  | 72  | 77   | 70   | 62   | 52   | 79  |
|     | Lp | 40   | 52  | 57  | 61  | 66   | 59   | 51   | 41   | 68  |



## ICS 225

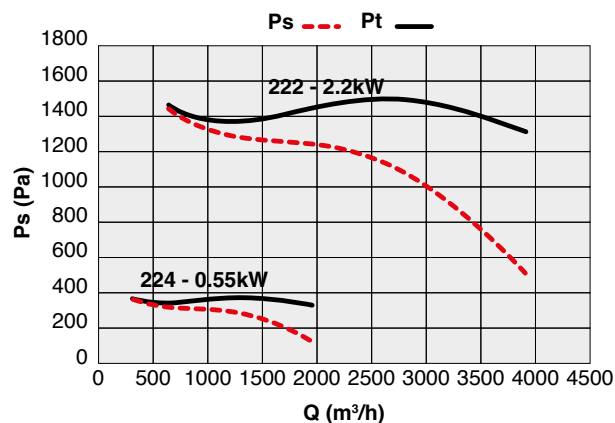
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 11S0222 | ICS          | 222              | T | 2 | 2.20       | 4.30      | ✓   | 55/F  |
| 11S0223 |              | 224              | T | 4 | 0.55       | 1.60      | -   | 55/F  |

### LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kg/m²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|----------------|
| ICS          | 222              | 2720            | 1382           | 24.37          | 0.031     | 0.032          |
|              | 224              | 1950            | 329            | 17.47          | 0.031     | 0.032          |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  |    | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|----|------|-----|-----|-----|------|------|------|------|-----|
| 222 | Lw | 67   | 79  | 85  | 88  | 90   | 89   | 78   | 68   | 95  |
|     | Lp | 56   | 68  | 74  | 77  | 79   | 78   | 67   | 57   | 84  |
| 224 | Lw | 51   | 63  | 69  | 72  | 77   | 70   | 62   | 52   | 79  |
|     | Lp | 40   | 52  | 58  | 61  | 66   | 58   | 51   | 41   | 68  |



# PRESTAZIONI | PERFORMANCE

ICS

## U - M/T

Alimentazione elettrica  
Monofase/Trifase  
Power supply  
Single/Three-phase

## P

N° di poli motore  
N° of motor poles  
(RPM: 2p=3000 4p=1500  
6p=1000 8p=750)

## Pm (kW)

Potenza  
nominale motore  
Motor power rating

## In (A)

Corrente nominale  
a pieno carico  
Full load current

## IP/CL

Grado di protezione  
motore/Classe di isolamento  
Motor protection  
grade/Insulation class

## Mot. (Gr)

Grandezza  
motore  
Motor size

## Lp/Lw (dBA)

Livello di pressione  
e potenza sonora  
Sound pressure  
and volume levels

## Ps (Pa)

Pressione  
statica  
Static pressure

## Q (m³/h)

Portata  
volumetrica  
Airflow  
volume

## ICS 250

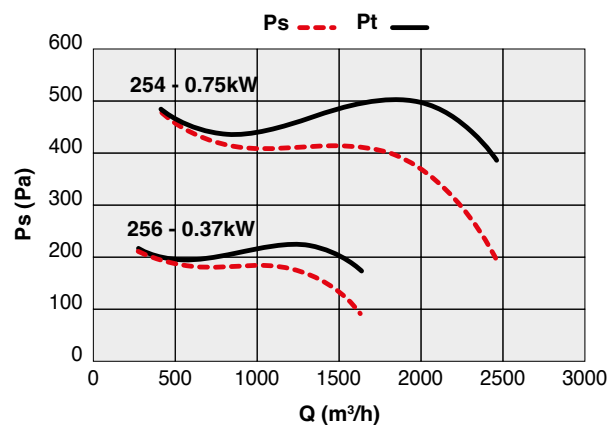
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 1IS0250 | ICS          | 254              | T | 4 | 0.75       | 2.10      | ✓   | 55/F  |
| 1IS0251 |              | 256              | T | 6 | 0.37       | 1.40      | -   | 55/F  |

## LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kgm²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|---------------|
| ICS          | 254              | 2450            | 371            | 17.68          | 0.0385    | 0.072         |
|              | 256              | 1930            | 124            | 13.925         | 0.0385    | 0.072         |

## LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|------|-----|-----|-----|------|------|------|------|-----|
| 254 | Lw   | 53  | 65  | 71  | 74   | 79   | 72   | 64   | 81  |
|     | Lp   | 42  | 54  | 60  | 63   | 68   | 61   | 53   | 70  |
| 256 | Lw   | 44  | 56  | 61  | 68   | 67   | 63   | 55   | 72  |
|     | Lp   | 33  | 45  | 50  | 57   | 56   | 52   | 44   | 61  |



## ICS 280

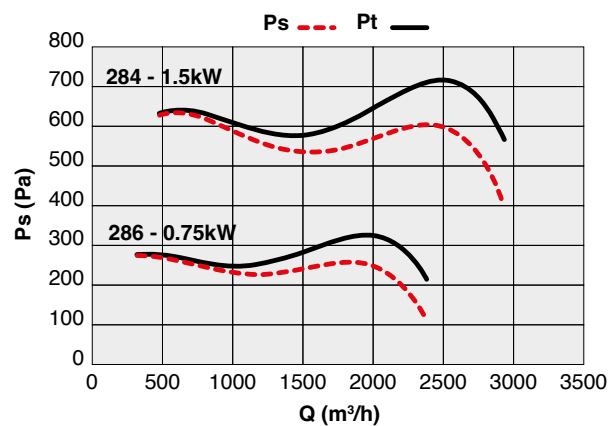
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 1IS0281 | ICS          | 284              | T | 4 | 1.50       | 3.30      | ✓   | 55/F  |
| 1IS0282 |              | 286              | T | 6 | 0.75       | 2.00      | ✓   | 55/F  |

## LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kgm²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|---------------|
| ICS          | 284              | 3540            | 452            | 19.39          | 0.0507    | 0.12          |
|              | 286              | 2820            | 174            | 15.45          | 0.0507    | 0.12          |

## LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|------|-----|-----|-----|------|------|------|------|-----|
| 284 | Lw   | 53  | 65  | 71  | 74   | 79   | 72   | 64   | 81  |
|     | Lp   | 42  | 54  | 60  | 63   | 68   | 61   | 53   | 70  |
| 286 | Lw   | 47  | 59  | 65  | 71   | 70   | 66   | 58   | 75  |
|     | Lp   | 36  | 48  | 54  | 60   | 59   | 55   | 47   | 64  |



# PRESTAZIONI | PERFORMANCE

ICS

**U - M/T**  
Alimentazione elettrica  
Monofase/Trifase  
Power supply  
Single/Three-phase

**P**  
N° di poli motore  
N° of motor poles  
(RPM: 2p=3000 4p=1500  
6p=1000 8p=750)

**Pm (kW)**  
Potenza  
nominale motore  
Motor power rating

**In (A)**  
Corrente nominale  
a pieno carico  
Full load current

**IP/CL**  
Grado di protezione  
motore/Classe di isolamento  
Motor protection  
grade/Insulation class

**Mot. (Gr)**  
Grandezza  
motore  
Motor size

**Lp/Lw (dBA)**  
Livello di pressione  
e potenza sonora  
Sound pressure  
and volume levels

**Ps (Pa)**  
Pressione  
statica  
Static pressure

**Q (m³/h)**  
Portata  
volumetrica  
Airflow  
volume

## ICS 315

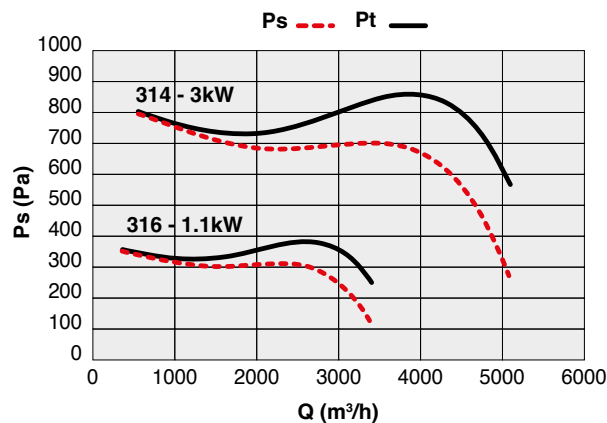
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 1IS0302 | ICS          | 314              | T | 4 | 3.00       | 6.30      | ✓   | 55/F  |
| 1IS0303 |              | 316              | T | 6 | 1.10       | 2.80      | ✓   | 55/F  |

### LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kgm²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|---------------|
| ICS          | 314              | 5760            | 482            | 24.81          | 0.0645    | 0.20          |
|              | 316              | 4100            | 195            | 18.09          | 0.0645    | 0.20          |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  |    | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|----|------|-----|-----|-----|------|------|------|------|-----|
| 314 | Lw | 60   | 72  | 78  | 81  | 86   | 79   | 71   | 61   | 88  |
|     | Lp | 49   | 61  | 67  | 70  | 75   | 68   | 60   | 50   | 77  |
| 316 | Lw | 50   | 62  | 68  | 74  | 73   | 69   | 61   | 51   | 78  |
|     | Lp | 39   | 51  | 57  | 63  | 62   | 58   | 50   | 40   | 67  |



## ICS 355

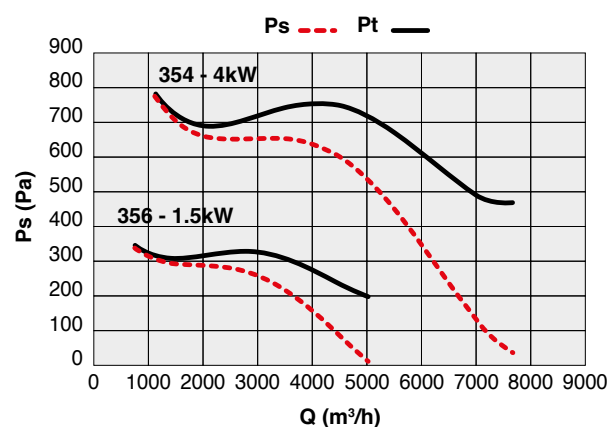
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 1IS0350 | ICS          | 354              | T | 4 | 4.00       | 8.10      | ✓   | 55/F  |
| 1IS0351 |              | 356              | T | 6 | 1.50       | 3.50      | ✓   | 55/F  |

### LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kgm²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|---------------|
| ICS          | 354              | 7660            | 425            | 24.69          | 0.08616   | 0.71          |
|              | 356              | 5030            | 197            | 16.22          | 0.08616   | 0.71          |

### LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz  |    | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-----|----|------|-----|-----|-----|------|------|------|------|-----|
| 354 | Lw | 66   | 78  | 83  | 87  | 92   | 85   | 77   | 67   | 94  |
|     | Lp | 55   | 67  | 72  | 76  | 81   | 74   | 66   | 56   | 83  |
| 356 | Lw | 56   | 68  | 74  | 80  | 79   | 75   | 67   | 57   | 84  |
|     | Lp | 45   | 57  | 63  | 69  | 68   | 64   | 56   | 46   | 73  |



# PRESTAZIONI | PERFORMANCE

ICS

## U - M/T

Alimentazione elettrica  
Monofase/Trifase  
Power supply  
Single/Three-phase

## P

N° di poli motore  
N° of motor poles  
(RPM: 2p=3000 4p=1500  
6p=1000 8p=750)

## Pm (kW)

Potenza  
nominale motore  
Motor power rating

## In (A)

Corrente nominale  
a pieno carico  
Full load current

## IP/CL

Grado di protezione  
motore/Classe di isolamento  
Motor protection  
grade/Insulation class

## Mot. (Gr)

Grandezza  
motore  
Motor size

## Lp/Lw (dBA)

Livello di pressione  
e potenza sonora  
Sound pressure  
and volume levels

## Ps (Pa)

Pressione  
statica  
Static pressure

## Q (m³/h)

Portata  
volumetrica  
Airflow  
volume

## ICS 400

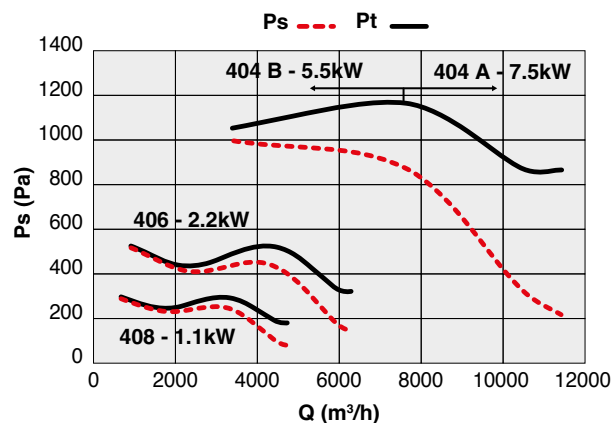
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 11S0401 | ICS          | 404 A            | T | 4 | 7.50       | 14.40     | ✓   | 55/F  |
| 11S0400 |              | 404 B            | T | 4 | 5.50       | 10.40     | ✓   | 55/F  |
| 11S0402 |              | 406              | T | 6 | 2.20       | 4.60      | ✓   | 55/F  |
| 11S0403 |              | 408              | T | 8 | 1.10       | 2.50      | ✓   | 55/F  |

## LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kg/m²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|----------------|
| ICS          | 404 A            | 9300            | 250            | 24.84          | 0.104     | 1.40           |
|              | 404 B            | 5850            | 1115           | 15.63          | 0.104     | 1.40           |
|              | 406              | 6290            | 325            | 16.80          | 0.104     | 1.40           |
|              | 408              | 4720            | 185            | 12.61          | 0.104     | 1.40           |

## LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz    |    | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-------|----|------|-----|-----|-----|------|------|------|------|-----|
| 404 A | Lw | 68   | 80  | 85  | 89  | 94   | 87   | 79   | 69   | 96  |
|       | Lp | 57   | 69  | 74  | 78  | 83   | 76   | 68   | 58   | 85  |
| 404 B | Lw | 67   | 79  | 84  | 88  | 93   | 86   | 78   | 68   | 95  |
|       | Lp | 56   | 68  | 73  | 77  | 82   | 75   | 67   | 57   | 84  |
| 406   | Lw | 58   | 70  | 76  | 82  | 81   | 77   | 69   | 59   | 86  |
|       | Lp | 47   | 59  | 65  | 71  | 70   | 66   | 58   | 48   | 75  |
| 408   | Lw | 51   | 63  | 72  | 72  | 74   | 70   | 62   | 52   | 78  |
|       | Lp | 40   | 52  | 61  | 61  | 63   | 59   | 51   | 41   | 67  |



## ICS 450

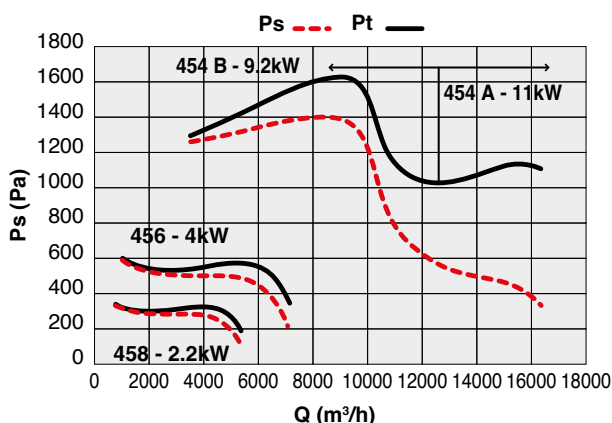
| Code    | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|---------|--------------|------------------|---|---|------------|-----------|-----|-------|
| 11S0450 | ICS          | 454 A            | T | 4 | 11.00      | 20.90     | ✓   | 55/F  |
| 11S0451 |              | 454 B            | T | 4 | 9.20       | 17.60     | ✓   | 55/F  |
| 11S0452 |              | 456              | T | 6 | 4.00       | 8.10      | ✓   | 55/F  |
| 11S0453 |              | 458              | T | 8 | 2.20       | 4.60      | ✓   | 55/F  |

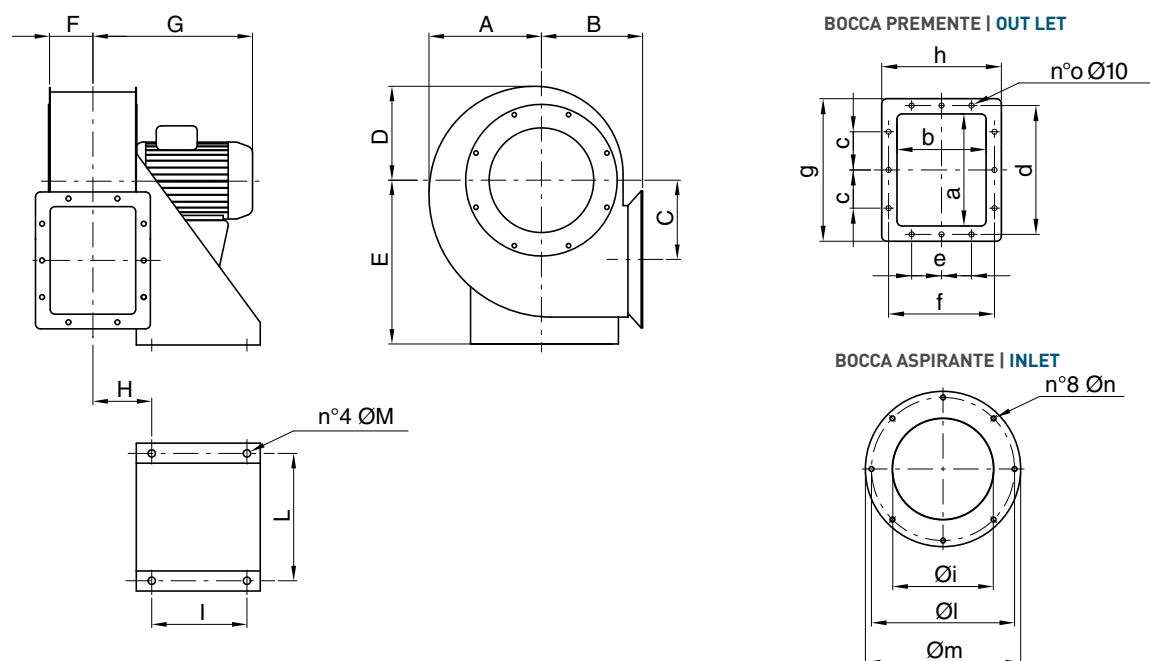
## LIMITI D'IMPIEGO | OPERATIONAL LIMIT

| Tipo<br>Type | Modello<br>Model | Q max<br>(m³/h) | Pt min<br>(Pa) | C max<br>(m/s) | S<br>(m²) | Pd²<br>(Kg/m²) |
|--------------|------------------|-----------------|----------------|----------------|-----------|----------------|
| ICS          | 454 A            | 7100            | 1570           | 15.17          | 0.13      | 2.92           |
|              | 454 B            | 10770           | 1200           | 23.01          | 0.13      | 2.92           |
| ICS          | 456              | 7140            | 355            | 15.26          | 0.13      | 2.92           |
| ICS          | 458              | 5450            | 200            | 11.63          | 0.13      | 2.92           |

## LIVELLI SONORI | SOUND LEVELS dB(A)

| Hz    |    | 62,5 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|-------|----|------|-----|-----|-----|------|------|------|------|-----|
| 454 A | Lw | 71   | 83  | 89  | 92  | 97   | 90   | 82   | 71   | 100 |
|       | Lp | 60   | 72  | 78  | 81  | 86   | 79   | 64   | 60   | 88  |
| 454 B | Lw | 69   | 81  | 87  | 90  | 95   | 88   | 80   | 70   | 98  |
|       | Lp | 58   | 70  | 76  | 79  | 84   | 77   | 69   | 59   | 86  |
| 456   | Lw | 62   | 74  | 80  | 86  | 85   | 81   | 73   | 63   | 90  |
|       | Lp | 51   | 63  | 69  | 75  | 74   | 70   | 62   | 52   | 79  |
| 458   | Lw | 55   | 67  | 76  | 76  | 78   | 74   | 66   | 56   | 82  |
|       | Lp | 44   | 56  | 65  | 65  | 67   | 63   | 55   | 45   | 71  |





## ICS

| TIPO   TYPE | A   | B   | C   | D   | E   | F   | G   | H   | I   | L   | ØM | a   | b   | c   | d   | e   | f   | g   | h   | Øi  | Øl  | Øm  | Øn | n°o | Kg  |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|
| ICS 200     | 183 | 176 | 120 | 156 | 280 | 70  | 320 | 103 | 140 | 218 | 12 | 180 | 135 | 75  | 213 | 100 | 168 | 240 | 195 | 164 | 235 | 255 | M6 | 10  | 20  |
| ICS 225     | 210 | 193 | 141 | 175 | 310 | 78  | 330 | 111 | 140 | 218 | 12 | 200 | 155 | 75  | 233 | 100 | 188 | 260 | 215 | 189 | 260 | 280 | M6 | 10  | 29  |
| ICS 250     | 231 | 210 | 162 | 193 | 335 | 90  | 350 | 120 | 205 | 270 | 12 | 220 | 175 | 75  | 253 | 100 | 208 | 280 | 235 | 210 | 290 | 310 | M6 | 10  | 39  |
| ICS 280     | 257 | 230 | 170 | 216 | 365 | 98  | 405 | 132 | 205 | 270 | 12 | 260 | 195 | 100 | 293 | 125 | 228 | 320 | 255 | 240 | 310 | 340 | M8 | 10  | 37  |
| ICS 315     | 288 | 252 | 192 | 245 | 405 | 109 | 470 | 140 | 205 | 319 | 12 | 300 | 215 | 100 | 333 | 150 | 248 | 360 | 275 | 275 | 335 | 375 | M8 | 10  | 51  |
| ICS 355     | 321 | 275 | 212 | 270 | 445 | 121 | 475 | 153 | 245 | 354 | 15 | 340 | 240 | 125 | 373 | 100 | 273 | 400 | 300 | 302 | 395 | 425 | M8 | 12  | 67  |
| ICS 400     | 358 | 303 | 235 | 301 | 505 | 136 | 570 | 168 | 245 | 370 | 15 | 388 | 273 | 125 | 425 | 100 | 310 | 465 | 350 | 352 | 445 | 465 | M8 | 12  | 117 |
| ICS 450     | 406 | 337 | 267 | 337 | 560 | 151 | 595 | 183 | 340 | 439 | 15 | 430 | 300 | 150 | 470 | 100 | 340 | 510 | 380 | 402 | 490 | 520 | M8 | 12  | 153 |

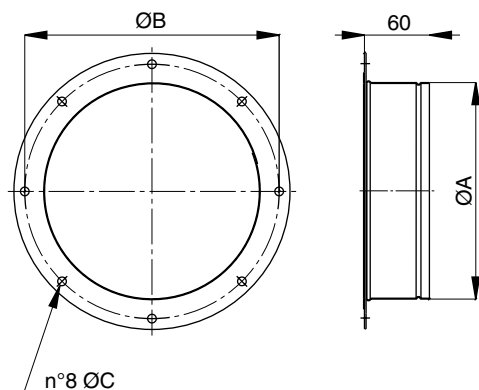
Pesi indicativi | Indicative weights

## ORIENTAMENTO | DISCHARGE ANGLE

| Rotazione<br>Rotation<br>RD |    |     |     |      |      |      |      |      |
|-----------------------------|----|-----|-----|------|------|------|------|------|
| Forma   Form                | 0° | 45° | 90° | 135° | 180° | 225° | 270° | 315° |
| Rotazione<br>Rotation<br>LG |    |     |     |      |      |      |      |      |

N.B.: Orientamento standard LG 270°. | Standard discharge angles LG 270°.

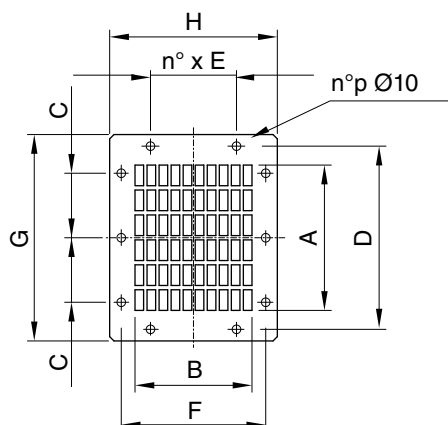
## RACCORDO ASPIRANTE | ROUND INLET ADAPTER



| Code    | Tipo   Type | ØA  | ØB  | ØC  | Giunzione   Junction | Kg  |
|---------|-------------|-----|-----|-----|----------------------|-----|
| 5B02100 | 200         | 200 | 235 | 8   | 5GU1213              | 0.5 |
| 5B02202 | 225         | 200 | 260 | 8   | 5GU1213              | 0.6 |
| 5B02601 | 250         | 250 | 290 | 8   | 5GU1214              | 0.7 |
| 5B02801 | 280         | 250 | 310 | 9.5 | 5GU1214              | 0.8 |
| 5B08319 | 315         | 315 | 355 | 9.5 | 5GU1215              | 1   |
| 5B08361 | 355         | 350 | 395 | 9.5 | 5GU1202              | 1   |
| 5B08403 | 400         | 400 | 445 | 9.5 | 5GU1203              | 1.2 |
| 5B08600 | 450         | 450 | 490 | 9.5 | 5GU1204              | 1.3 |

Dimensioni in mm. Pesì indicativi | Indicative weights. Dimensions in mm

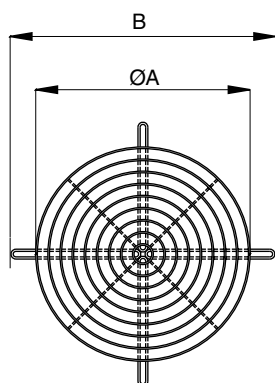
## RETE BOCCA PREMENTE | OUTLET GUARD



| Code    | Tipo   Type | A   | B   | C   | D   | n° x E | F   | G   | H   | n°p | Kg  |
|---------|-------------|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|
| 5RE7500 | 200         | 169 | 136 | 75  | 213 | 1x100  | 168 | 240 | 195 | 10  | 0.7 |
| 5RE7505 | 225         | 198 | 164 | 75  | 233 | 1x100  | 188 | 260 | 215 | 10  | 0.8 |
| 5RE7510 | 250         | 227 | 178 | 75  | 253 | 1x100  | 208 | 280 | 235 | 10  | 1.0 |
| 5RE7515 | 280         | 256 | 192 | 100 | 293 | 1x125  | 228 | 320 | 255 | 10  | 1.2 |
| 5RE7520 | 315         | 285 | 220 | 100 | 333 | 1x150  | 248 | 360 | 275 | 10  | 1.4 |
| 5RE7525 | 355         | 343 | 248 | 125 | 373 | 2x100  | 273 | 400 | 300 | 12  | 1.6 |
| 5RE7530 | 400         | 401 | 276 | 125 | 425 | 2x100  | 310 | 465 | 350 | 12  | 2.2 |
| 5RE7535 | 450         | 430 | 304 | 150 | 470 | 2x100  | 340 | 510 | 380 | 12  | 2.6 |

Dimensioni in mm. Pesì indicativi | Indicative weights. Dimensions in mm

## RETE BOCCA ASPIRANTE | INLET GUARD



| Code    | Tipo   Type     | ØA  | B   | Kg  |
|---------|-----------------|-----|-----|-----|
| 5RE9027 | 200 - 225 - 250 | 200 | 245 | 0.4 |
| 5RE9031 | 280 - 315       | 320 | 384 | 0.6 |
| 5RE9036 | 355             | 360 | 434 | 0.8 |
| 5RE9041 | 400             | 400 | 479 | 0.9 |
| 5RE9046 | 450             | 460 | 529 | 1.1 |

Dimensioni in mm. Pesì indicativi | Indicative weights. Dimensions in mm