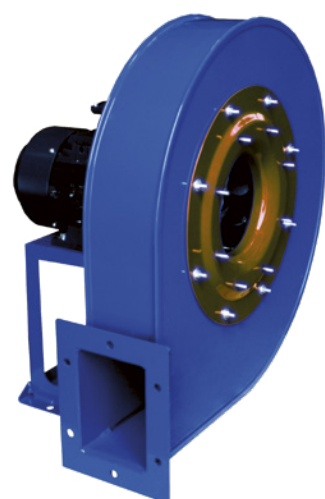




Direttiva  
**ATEX 2014/34/UE**

# HT ATEX

## Aspiratori centrifughi pale rovesce per aria pulita

Backward curved blade centrifugal fans for clean air



### DESCRIZIONE

Gli aspiratori della serie HT ATEX trovano la loro principale applicazione negli impianti industriali per il trasporto pneumatico, di fumi, o di polveri fini. Sono adatti al trasporto di materiali solidi in miscela con aria, trucioli e segatura, con ventilatore non attraversato dal materiale.

Sono costruiti in conformità alla Direttiva ATEX 2014/34/UE e per un'installazione in zona 1/21, ossia in aree o ambienti dove sia necessario garantire un elevato fattore di sicurezza contro le esplosioni dovute a gas, (II 2G) o polveri infiammabili (II 2D).

### GAMMA

Diametri da 350 a 1.000 mm  
Portate da 250 a 33.000 m³/h

La serie prevede esecuzioni direttamente accoppiate (esecuzione 4) e a trasmissione (esecuzione 1, 9 e 12).

### TEMPERATURA DI ESERCIZIO

Temperature da -20°C a +40°C.

### COSTRUZIONE

- Cassa a spirale realizzata in lamiera d'acciaio e protetta contro gli agenti atmosferici con vernici a polveri epossipoliesteriche.
- Boccaglio d'aspirazione con riporto in ottone.
- Girante a semplice aspirazione con pale rovesce curve ad alto rendimento aeraulico, realizzata in lamiera e verniciata con vernici a polveri epossipoliesteriche. Sono previste versioni per alte velocità di rotazione in classe 3.
- Per esecuzione 1 - 9 - 12: supporto monoblocco realizzato in fusione di ghisa, con cuscinetti a sfera, progettati per agevolare le operazioni di lubrificazione. Cinghie di trasmissione, pulegge e supporto motore. Carter di protezione per le cinghie.

### MOTORE

Motore asincrono trifase a norme internazionali IEC 60034, IEC 60072, EMC 2014/30/UE, LVD 2014/35/UE e marcato CE IP55, classe F, idonei ad un servizio S1 (funzionamento continuo a carico costante).

### ACCESSORI

- Controflangia per bocca aspirante
- Controflangia per bocca premente
- Rete di protezione per bocca aspirante
- Rete di protezione per bocca premente
- Giunto antivibrante per bocca aspirante
- Giunto antivibrante per bocca premente.

### DESCRIPTION

The PY-L ATEX series find their main application in industrial plants for pneumatic, smoke or fine dust conveying. They are suitable for conveying solid materials mixed with air, chips and sawdust, with the fan not passing through the material.

Their construction complies with ATEX Directive 2014/34/UE and they are suitable for installation in zone 1/21 where it is necessary to guarantee high security against explosions due to the presence of flammable gas (II2G) or dusts (II2D).

### RANGE

Diameters from 350 to 1,000 mm  
Airflow from 250 to 33,000 m³/h

The series includes directly coupled (version 4) and transmission versions (versions 1, 9 and 12).

### OPERATING TEMPERATURE

Temperatures from -20°C to +40°C.

### CONSTRUCTION

- Volute casing made of steel sheet and protected against atmospheric agents with epoxy paint.
- Wide radius suction nozzle with brass coating.
- Single inlet impeller with backward curved blades with high aerodynamic efficiency, made of steel sheet and coated with epoxy paint. Versions for high-speed rotation in class 3 are available.
- For execution 1 - 9 - 12: mono-block support in cast iron with ball bearings, designed for easy lubrication. Pulleys, belts and motor support. Belt protection guard.

### MOTOR

Asynchronous three-phase motors according to international standards IEC 60034, IEC 60072, EMC 2014/30/UE, LVD 2014/35/UE, CE marked, IP 55, class F, suitable to S1 service (continuous working at constant load).

### ACCESSORIES

- Inlet counter-flange
- Outlet counter-flange
- Inlet protection guard
- Outlet protection guard
- Inlet flexible connector
- Outlet flexible connector.

## VERSIONI | VERSIONS



**HT**

Versione per temperatura aria standard da -10 a +60°C  
Version for standard air temperature from -10 to +60°C



**HT INOX**

Versione resistente all'azione corrosiva, realizzata con cassa, boccaglio e girante in acciaio inossidabile AISI304/316 L  
Corrosion-resistant version with casing, nozzle and impeller in AISI304/316L stainless steel



**HT AT**

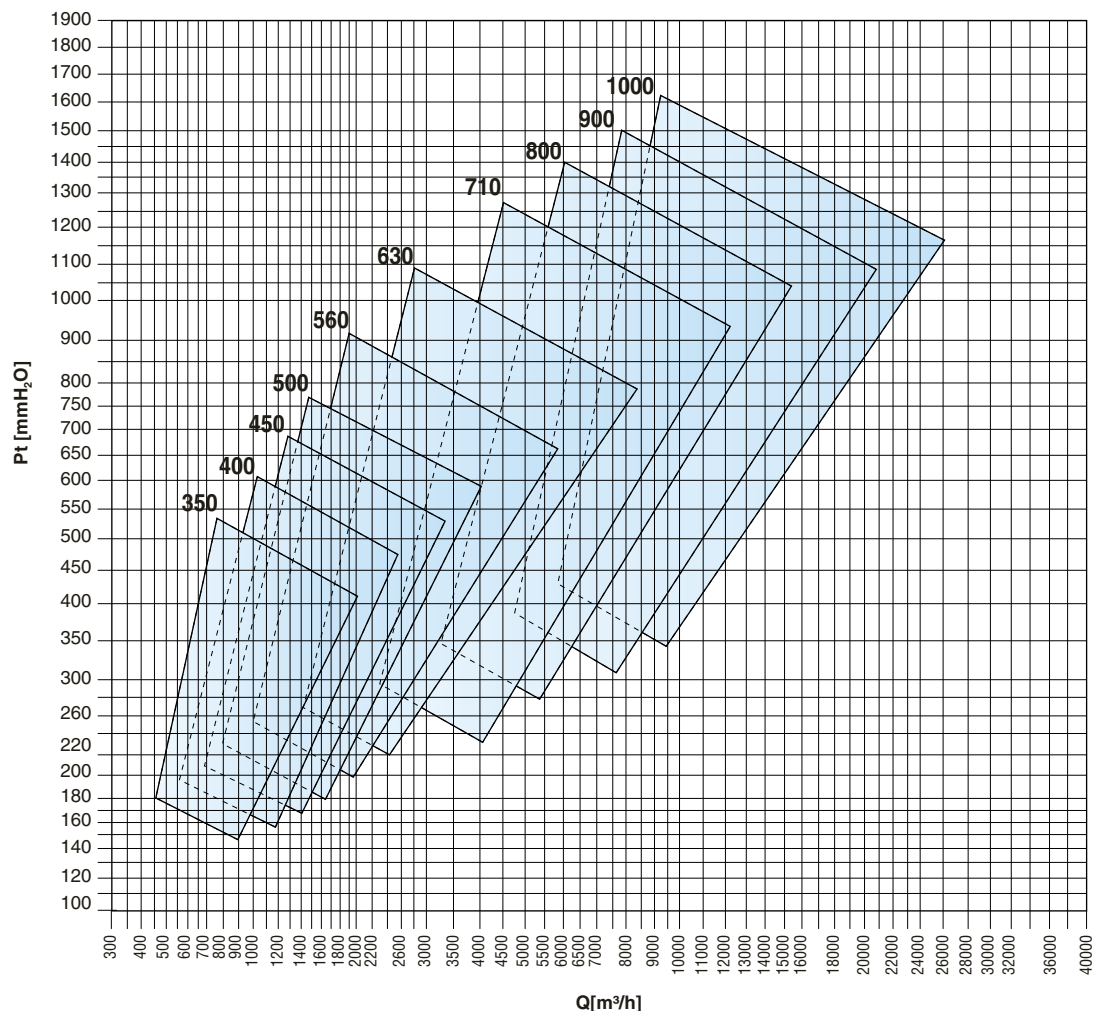
Versione idonea al trasporto di gas caldi, max 150°C (HT/AT es 4) e max 300°C (HT/AT es 1-12)  
Version suitable for transporting hot gases, max. 150°C (HT/AT arrangement 4) and max. 300°C (HT/AT arrangement 1-12)

# CAMPO D'IMPIEGO | OPERATION FIELD

HT ATEX

Questo grafico ha il solo scopo di rappresentare le aree di funzionamento dei modelli disponibili. Per una selezione precisa utilizzare i grafici prestazionali presenti di seguito oppure contattate il nostro servizio tecnico commerciale.

This graph is only meant to represent the operating areas of the available models. For an accurate selection please use the performance graphs below or contact our technical sales department.



| Grandezza ventilatore<br>Fan size | RPM MAX  |           |            |
|-----------------------------------|----------|-----------|------------|
|                                   | Classe I | Classe II | Classe III |
| HT ATEX 350 R                     | 5000     |           |            |
| HT ATEX 350                       | 5000     |           |            |
| HT ATEX 400 R                     | 5000     |           |            |
| HT ATEX 400                       | 5000     |           |            |
| HT ATEX 450 R                     | 5000     |           |            |
| HT ATEX 450                       | 5000     |           |            |
| HT ATEX 500 R                     | 4750     |           |            |
| HT ATEX 500                       | 4500     | 5000      |            |
| HT ATEX 560 R                     | 4250     | 4750      |            |
| HT ATEX 560                       | 4000     | 4500      |            |
| HT ATEX 630 R                     | 3850     | 4150      | 4500       |
| HT ATEX 630                       | 3700     | 3900      | 4250       |
| HT ATEX 710 R                     | 3550     | 3850      | 4150       |
| HT ATEX 710                       | 3400     | 3700      | 4000       |
| HT ATEX 800 R                     | 3250     | 3550      | 3850       |
| HT ATEX 800                       | 3000     | 3300      | 3600       |
| HT ATEX 900 R                     | 3200     | 3500      | 3700       |
| HT ATEX 900                       | 3000     | 3250      | 3450       |
| HT ATEX 1000 R                    | 3150     | 3350      | 3450       |
| HT ATEX 1000                      | 3000     | 3150      | 3350       |

## VALORI RPM VALIDI FINO A 60°C RPM VALUES VALID UP TO 60°C

| Fra   Between | E   And | Declassare velocità<br>Degrade speed |
|---------------|---------|--------------------------------------|
| 60°C          | 100°C   | 4%                                   |
| 100°C         | 150°C   | 10%                                  |
| 150°C         | 200°C   | 16%                                  |
| 200°C         | 250°C   | 23%                                  |
| 250°C         | 300°C   | 30%                                  |
| 300°C         | 350°C   | 37%                                  |
| 350°C         | 400°C   | 45%                                  |
| 400°C         | 450°C   | 54%                                  |
| 450°C         | 500°C   | 64%                                  |

# PRESTAZIONI | PERFORMANCE

## HT ATEX

Le curve prestazionali rappresentate nel presente catalogo sono state ricavate eseguendo prove sui ventilatori in accordo alla normativa ISO 5801 "Metodi di prova e condizioni di accettazione" (che sostituisce la ISO 1053:1995 ed è in accordo con la UNI EN ISO 5801:2009). Per eseguire le prove i ventilatori sono stati installati secondo quanto previsto per la categoria B: con bocca d'aspirazione libera e bocca premente collegata al banco prova. L'efficienza dei ventilatori è conforme all'obiettivo del regolamento (UE) N.327/2011, come richiesto dalla Direttiva 2009/125/CE.

The performance curves given in this catalogue were calculated by performing tests on fans in compliance with ISO 5801 "Test methods and terms of acceptance" (which replaces UNI 10531:1995 and complies with UNI EN ISO 5801:2009). To carry out the tests the fans were installed in compliance with the requirements for category B: with free inlet and outlet connected to the test station. The fan efficiency conforms to the objective of Regulation (EU) N.327/2011, as required by Directive 2009/125/EC.

**Lw**

La determinazione del livello di potenza sonora è stata condotta secondo la norma UNI EN ISO 3746:1997 (Metodo di controllo con una superficie avvolgente su un piano riflettente). Alle misure sono state applicate correzioni in funzione del rumore di fondo e del riverbero ambientale. Measurement of the sound power level was carried out in compliance with UNI EN ISO 3746:1997 (Survey method using an enveloping measurement surface over a reflecting plane). The measurements were subjected to corrections to take account of background noise and ambient reverberation levels.

### 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)

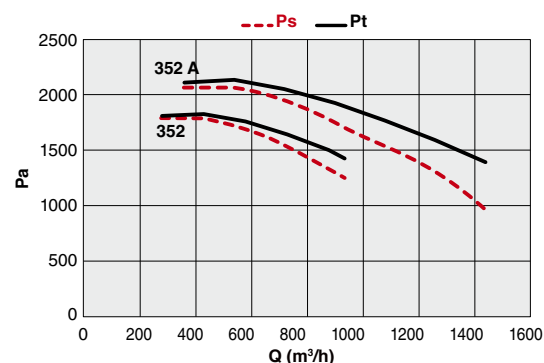
Pressione  
statica  
Static pressure

### Q (m³/h)

Portata  
volumetrica  
Airflow  
volume

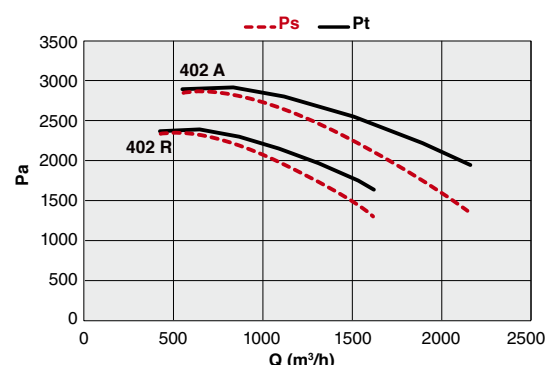
## HT ATEX 350

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 352              | T | 2 | 0,75       | 1.90      | ✓   | 55/F  |
|                             |              | 352 A            | T | 2 | 1,10       | 2.30      | ✓   | 55/F  |



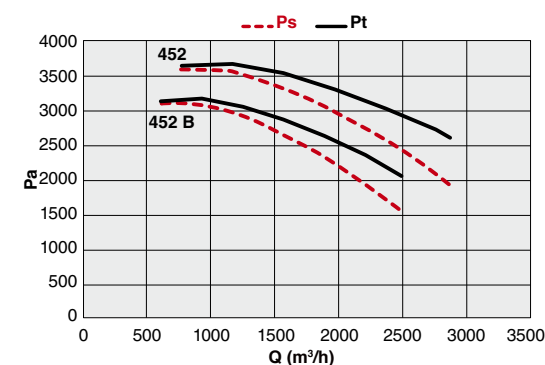
## HT ATEX 400

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 402 R            | T | 2 | 1,50       | 3.40      | ✓   | 55/F  |
|                             |              | 402 A            | T | 2 | 2,20       | 4.90      | ✓   | 55/F  |



## HT ATEX 450

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 452 B            | T | 2 | 3,00       | 6.40      | ✓   | 55/F  |
|                             |              | 452              | T | 2 | 4,00       | 8.50      | ✓   | 55/F  |



# PRESTAZIONI | PERFORMANCE

## HT ATEX

### 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)

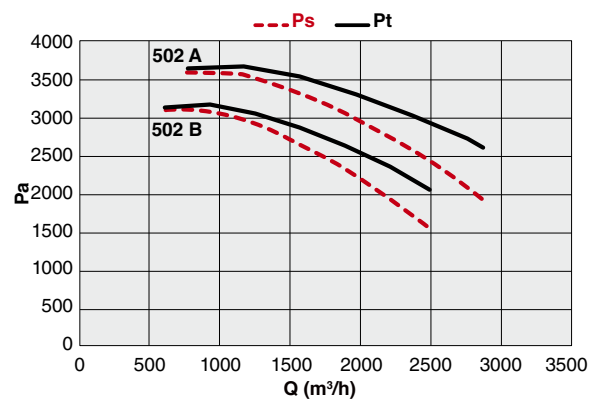
Pressione  
statica  
Static pressure

### Q (m³/h)

Portata  
volumetrica  
Airflow  
volume

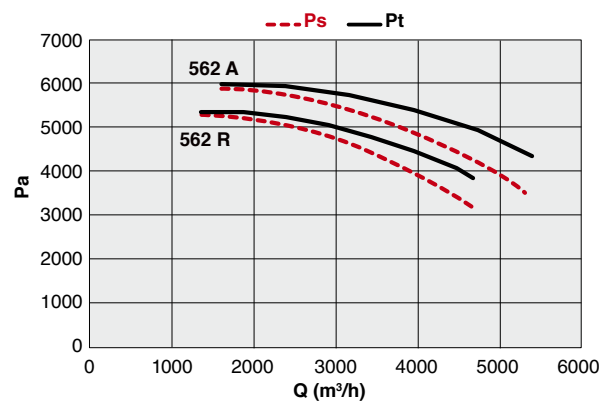
## HT ATEX 500

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 502 B            | T | 2 | 4,00       | 8.50      | ✓   | 55/F  |
|                             |              | 502 A            | T | 2 | 5,50       | 10.60     | ✓   | 55/F  |



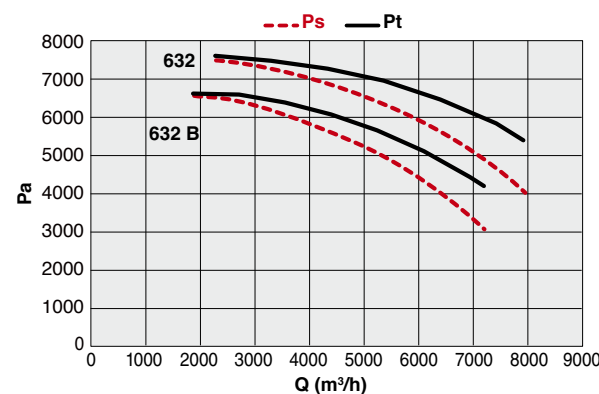
## HT ATEX 560

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 562 R            | T | 2 | 7,50       | 14.10     | ✓   | 55/F  |
|                             |              | 562 A            | T | 2 | 11,00      | 20.40     | ✓   | 55/F  |



## HT ATEX 630

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 632 B            | T | 2 | 15,00      | 27.50     | ✓   | 55/F  |
|                             |              | 632              | T | 2 | 18,50      | 33.50     | ✓   | 55/F  |



# PRESTAZIONI | PERFORMANCE

## HT ATEX

**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

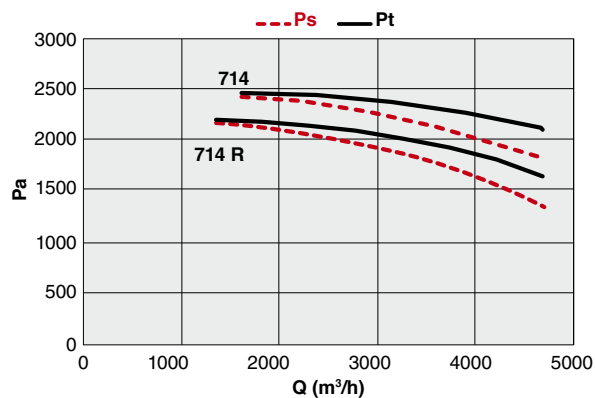
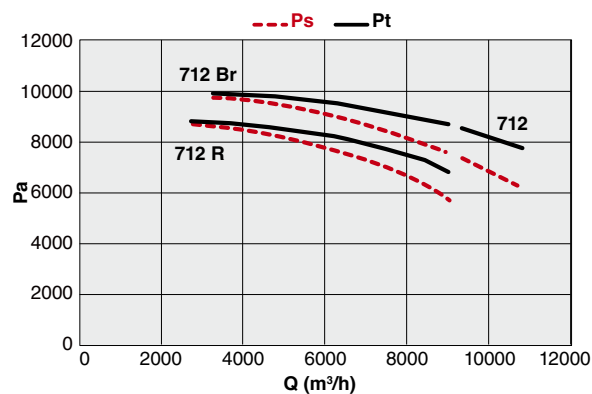
**Lp/Lw (dBA)**  
Livello di pressione  
e potenza sonora  
Sound pressure  
and volume levels

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

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

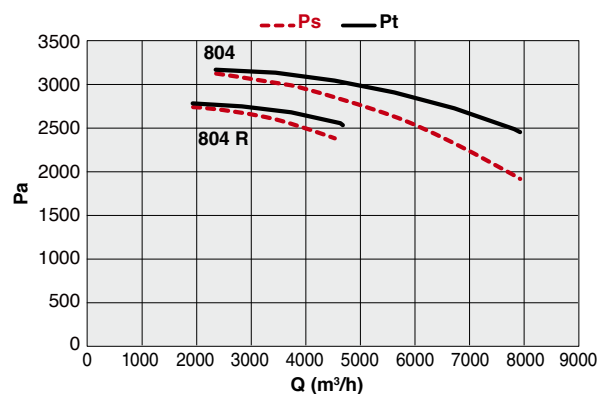
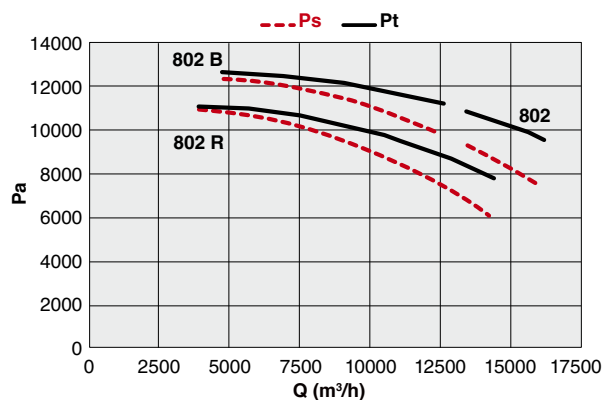
### HT ATEX 710

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 712 R            | T | 2 | 22,00      | 39.50     | ✓   | 55/F  |
|                             |              | 712 Br           | T | 2 | 30,00      | 53.50     | ✓   | 55/F  |
|                             |              | 712              | T | 2 | 37,00      | 65.00     | ✓   | 55/F  |
|                             |              | 714 R            | T | 4 | 4,00       | 8.50      | ✓   | 55/F  |
|                             |              | 714              | T | 4 | 5,50       | 11.30     | ✓   | 55/F  |



### HT ATEX 800

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 802 R            | T | 2 | 45,00      | 78.00     | ✓   | 55/F  |
|                             |              | 802 B            | T | 2 | 55,00      | 93.60     | ✓   | 55/F  |
|                             |              | 802              | T | 2 | 75,00      | 127.69    | ✓   | 55/F  |
|                             |              | 804 R            | T | 4 | 7,50       | 14.70     | ✓   | 55/F  |
|                             |              | 804              | T | 4 | 11,00      | 22.00     | ✓   | 55/F  |



# PRESTAZIONI | PERFORMANCE

## HT ATEX

### 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)

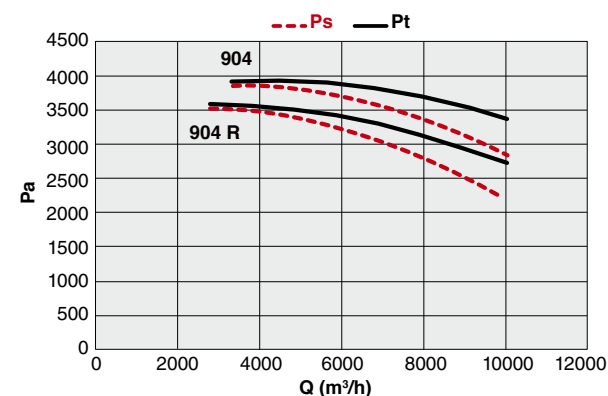
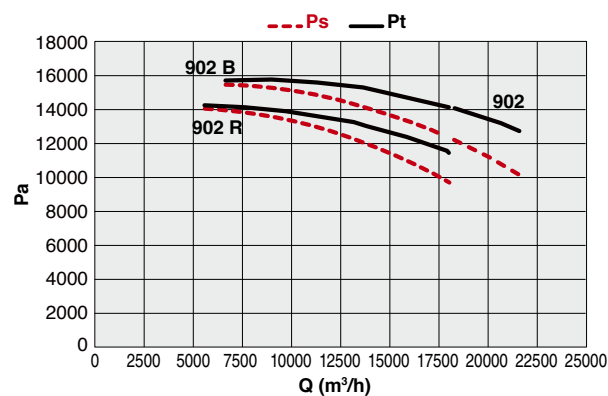
Pressione  
statica  
Static pressure

### Q (m³/h)

Portata  
volumetrica  
Airflow  
volume

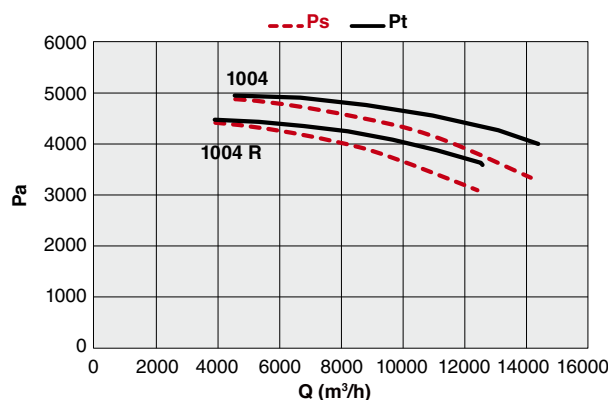
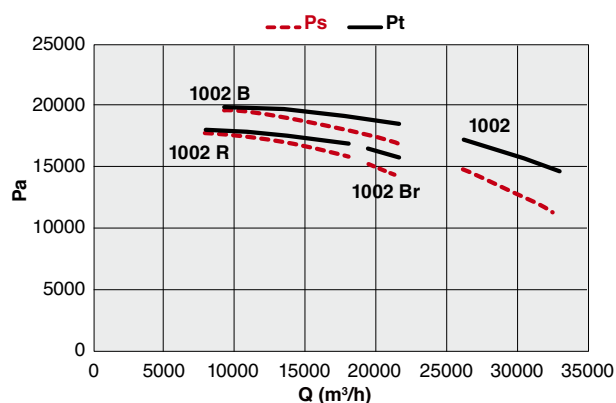
## HT ATEX 900

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 902 R            | T | 2 | 75,00      | 127.69    | ✓   | 55/F  |
|                             |              | 902 B            | T | 2 | 90,00      | 153.09    | ✓   | 55/F  |
|                             |              | 902              | T | 2 | 110,00     | 189.00    | ✓   | 55/F  |
|                             |              | 904 R            | T | 4 | 11,00      | 22.00     | ✓   | 55/F  |
|                             |              | 904              | T | 4 | 15,00      | 29.00     | ✓   | 55/F  |

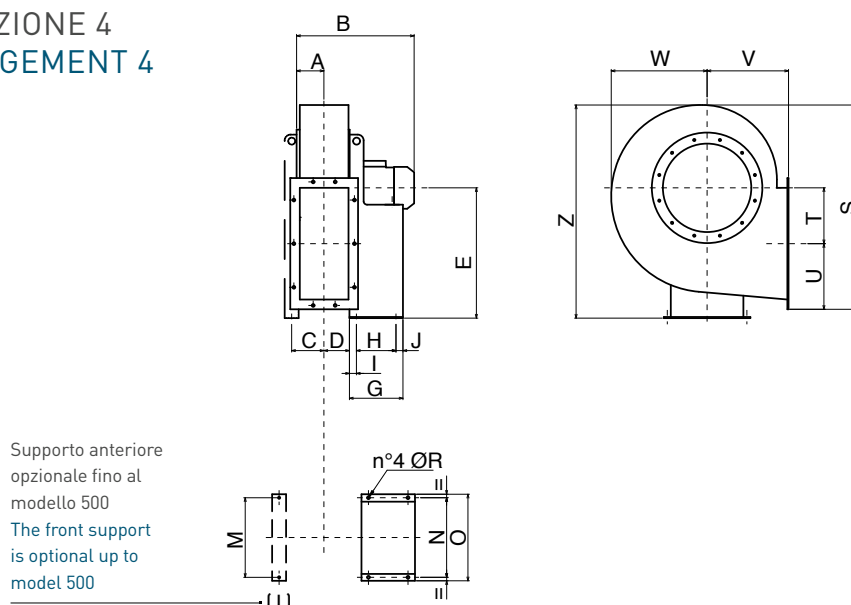


## HT ATEX 1000

| Code                        | Tipo<br>Type | Modello<br>Model | U | P | Pm<br>(kW) | In<br>(A) | IE3 | IP/CL |
|-----------------------------|--------------|------------------|---|---|------------|-----------|-----|-------|
| A RICHIESTA<br>UPON REQUEST | HT ATEX      | 1002 R           | T | 2 | 110,00     | 189.00    | ✓   | 55/F  |
|                             |              | 1002 Br          | T | 2 | 132,00     | 218.75    | ✓   | 55/F  |
|                             |              | 1002 B           | T | 2 | 160,00     | 262.63    | ✓   | 55/F  |
|                             |              | 1002             | T | 2 | 200,00     | 334.84    | ✓   | 55/F  |
|                             |              | 1004 R           | T | 4 | 18,50      | 34.90     | ✓   | 55/F  |
|                             |              | 1004             | T | 4 | 22,00      | 41.00     | ✓   | 55/F  |



## ESECUZIONE 4 ARRANGEMENT 4



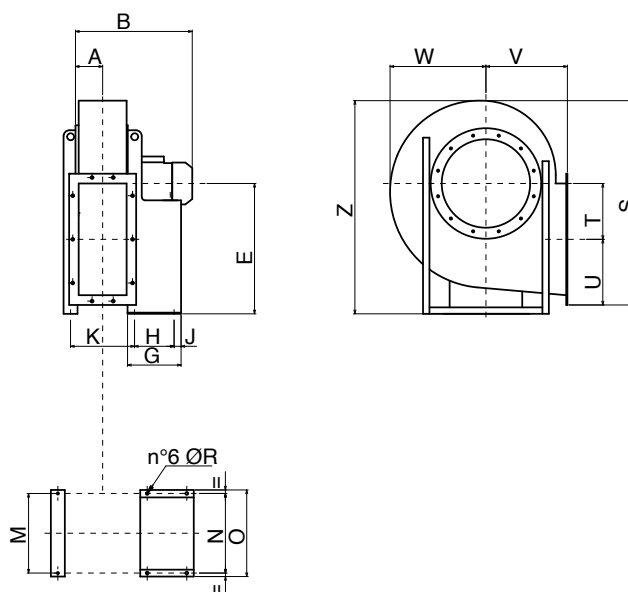
## HT ATEX 350-600

| TIPO   TYPE   | A   | B   | C   | D  | E   | G   | H   | I  | J  | M   | N   | O   | ØR | Z    | S   | T   | U   | V   | W   |
|---------------|-----|-----|-----|----|-----|-----|-----|----|----|-----|-----|-----|----|------|-----|-----|-----|-----|-----|
| HT ATEX 352   | 65  | 377 | 70  | 56 | 355 | 217 | 121 | 48 | 48 | 190 | 203 | 225 | 10 | 617  | 585 | 215 | 108 | 250 | 315 |
| HT ATEX 352 A | 65  | 377 | 70  | 56 | 355 | 217 | 121 | 48 | 48 | 190 | 203 | 225 | 10 | 617  | 585 | 215 | 108 | 250 | 315 |
| HT ATEX 402 R | 71  | 437 | 76  | 63 | 375 | 251 | 133 | 58 | 60 | 215 | 234 | 260 | 10 | 659  | 640 | 238 | 118 | 280 | 340 |
| HT ATEX 402 A | 71  | 437 | 76  | 63 | 375 | 251 | 133 | 58 | 60 | 215 | 234 | 260 | 10 | 659  | 640 | 238 | 118 | 280 | 340 |
| HT ATEX 452 B | 78  | 482 | 86  | 70 | 400 | 285 | 197 | 34 | 54 | 215 | 289 | 324 | 12 | 713  | 705 | 265 | 128 | 300 | 375 |
| HT ATEX 452   | 78  | 482 | 86  | 70 | 400 | 285 | 197 | 34 | 54 | 215 | 289 | 324 | 12 | 713  | 705 | 265 | 128 | 300 | 375 |
| HT ATEX 502 B | 86  | 520 | 94  | 78 | 450 | 285 | 197 | 34 | 54 | 230 | 289 | 324 | 12 | 795  | 780 | 297 | 139 | 335 | 410 |
| HT ATEX 502 A | 86  | 520 | 94  | 78 | 450 | 345 | 237 | 44 | 64 | 230 | 337 | 324 | 12 | 795  | 780 | 297 | 139 | 335 | 410 |
| HT ATEX 562 R | 95  | 579 | 106 | 88 | 500 | 345 | 237 | 44 | 64 | 245 | 337 | 372 | 12 | 893  | 880 | 337 | 151 | 375 | 460 |
| HT ATEX 562 A | 95  | 579 | 106 | 88 | 500 | 446 | 337 | 55 | 54 | 245 | 395 | 372 | 14 | 893  | 880 | 337 | 151 | 375 | 460 |
| HT ATEX 632 B | 105 | 703 | 116 | 98 | 560 | 446 | 337 | 55 | 54 | 270 | 395 | 440 | 14 | 1000 | 985 | 381 | 164 | 425 | 515 |
| HT ATEX 632   | 105 | 703 | 116 | 98 | 560 | 446 | 337 | 55 | 54 | 270 | 395 | 440 | 14 | 1000 | 985 | 381 | 164 | 425 | 515 |

# DIMENSIONI | DIMENSIONS mm

**HT ATEX**

## ESECUZIONE 4 ARRANGEMENT 4

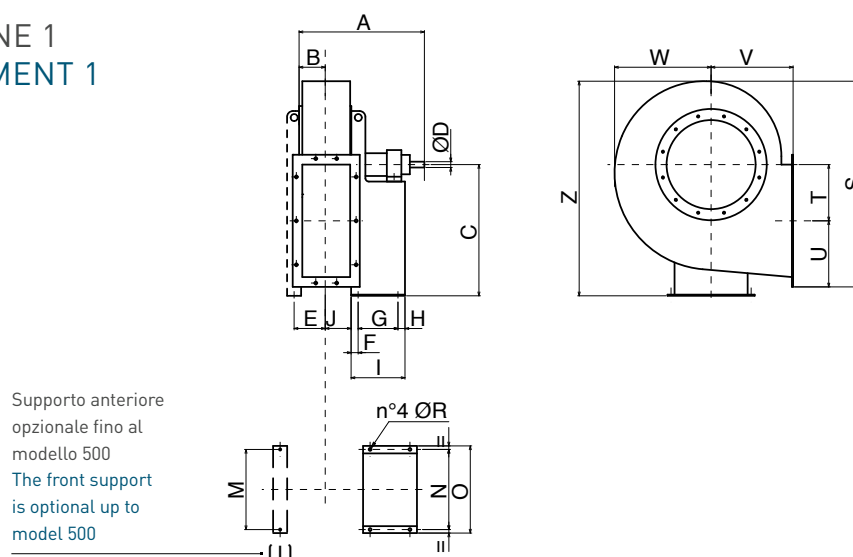


## HT ATEX 700-1000

| TIPO   TYPE     | A   | B    | E   | G   | H   | J  | K   | N   | O   | ØR | M   | Z    | S    | T   | U   | V   | W   |
|-----------------|-----|------|-----|-----|-----|----|-----|-----|-----|----|-----|------|------|-----|-----|-----|-----|
| HT ATEX 712 R   | 115 | 809  | 630 | 460 | 357 | 33 | 300 | 434 | 488 | 17 | 570 | 1123 | 1103 | 426 | 184 | 475 | 570 |
| HT ATEX 712 Br  | 115 | 917  | 630 | 500 | 381 | 39 | 300 | 506 | 568 | 19 | 570 | 1123 | 1103 | 426 | 184 | 475 | 570 |
| HT ATEX 712     | 115 | 917  | 630 | 500 | 381 | 39 | 300 | 506 | 568 | 19 | 570 | 1123 | 1103 | 426 | 184 | 475 | 570 |
| HT ATEX 714 R   | 115 | 583  | 630 | 285 | 197 | 54 | 300 | 289 | 324 | 12 | 570 | 1123 | 1103 | 426 | 184 | 475 | 570 |
| HT ATEX 714     | 115 | 623  | 630 | 345 | 237 | 64 | 300 | 337 | 372 | 12 | 570 | 1123 | 1103 | 426 | 184 | 475 | 570 |
| HT ATEX 802 R   | 127 | 984  | 710 | 540 | 421 | 39 | 325 | 556 | 616 | 19 | 600 | 1265 | 1237 | 481 | 201 | 530 | 640 |
| HT ATEX 802 B   | 127 | 1092 | 710 | 600 | 501 | 39 | 325 | 604 | 690 | 19 | 600 | 1265 | 1237 | 481 | 201 | 530 | 640 |
| HT ATEX 802     | 127 | 1095 | 710 | 697 | 591 | 46 | 325 | 690 | 750 | 21 | 600 | 1265 | 1237 | 481 | 201 | 530 | 640 |
| HT ATEX 804 R   | 127 | 648  | 710 | 336 | 237 | 59 | 325 | 337 | 372 | 12 | 600 | 1265 | 1237 | 481 | 201 | 530 | 640 |
| HT ATEX 804     | 127 | 753  | 710 | 436 | 337 | 49 | 325 | 395 | 440 | 14 | 600 | 1265 | 1237 | 481 | 201 | 530 | 640 |
| HT ATEX 902 R   | 140 | 1122 | 800 | 697 | 591 | 46 | 354 | 690 | 750 | 21 | 663 | 1427 | 1390 | 542 | 221 | 600 | 715 |
| HT ATEX 902 B   | 140 | 1122 | 800 | 697 | 591 | 46 | 354 | 690 | 750 | 21 | 663 | 1427 | 1390 | 542 | 221 | 600 | 715 |
| HT ATEX 902     | 140 | 1334 | 800 | 800 | 675 | 45 | 354 | 760 | 865 | 24 | 663 | 1427 | 1390 | 542 | 221 | 600 | 715 |
| HT ATEX 904 R   | 140 | 780  | 800 | 436 | 337 | 49 | 354 | 395 | 440 | 14 | 663 | 1427 | 1390 | 542 | 221 | 600 | 715 |
| HT ATEX 904     | 140 | 780  | 800 | 436 | 337 | 49 | 354 | 395 | 440 | 14 | 663 | 1427 | 1390 | 542 | 221 | 600 | 715 |
| HT ATEX 1002 R  | 160 | 1366 | 900 | 800 | 675 | 45 | 426 | 760 | 865 | 24 | 780 | 1591 | 1540 | 607 | 242 | 670 | 790 |
| HT ATEX 1002 Br | 160 | 1366 | 900 | 800 | 675 | 45 | 426 | 760 | 865 | 24 | 780 | 1591 | 1540 | 607 | 242 | 670 | 790 |
| HT ATEX 1002 B  | 160 | 1366 | 900 | 800 | 675 | 45 | 426 | 760 | 865 | 24 | 780 | 1591 | 1540 | 607 | 242 | 670 | 790 |
| HT ATEX 100     | 160 | 1366 | 900 | 800 | 675 | 45 | 426 | 760 | 865 | 24 | 780 | 1591 | 1540 | 607 | 242 | 670 | 790 |
| HT ATEX 1004 R  | 160 | 893  | 900 | 460 | 357 | 33 | 426 | 434 | 488 | 17 | 780 | 1591 | 1540 | 607 | 242 | 670 | 790 |
| HT ATEX 1004    | 160 | 944  | 900 | 460 | 357 | 33 | 426 | 434 | 488 | 17 | 780 | 1591 | 1540 | 607 | 242 | 670 | 790 |



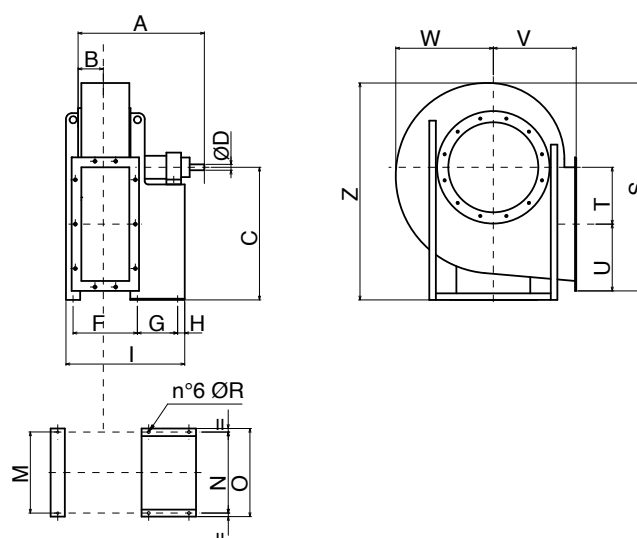
## ESECUZIONE 1 ARRANGEMENT 1



### HT ATEX 310-500

| TIPO   TYPE | A   | B   | C   | ØD | E   | F  | G   | H  | I   | J  | M   | N   | O   | ØR | S   | T   | U   | V   | W   | Z    |
|-------------|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|------|
| HT ATEX 350 | 555 | 65  | 355 | 24 | 70  | 40 | 284 | 23 | 347 | 56 | 190 | 288 | 324 | 12 | 585 | 215 | 108 | 250 | 315 | 617  |
| HT ATEX 400 | 720 | 71  | 375 | 28 | 76  | 50 | 407 | 28 | 485 | 63 | 215 | 355 | 400 | 14 | 640 | 238 | 118 | 280 | 340 | 659  |
| HT ATEX 450 | 755 | 78  | 400 | 38 | 86  | 50 | 407 | 28 | 485 | 70 | 215 | 355 | 400 | 14 | 705 | 265 | 128 | 300 | 375 | 713  |
| HT ATEX 500 | 771 | 86  | 450 | 38 | 94  | 50 | 407 | 28 | 485 | 78 | 230 | 355 | 400 | 14 | 780 | 297 | 139 | 335 | 410 | 795  |
| HT ATEX 560 | 885 | 95  | 500 | 42 | 106 | 50 | 477 | 33 | 560 | 88 | 245 | 364 | 418 | 17 | 880 | 337 | 151 | 375 | 460 | 893  |
| HT ATEX 630 | 905 | 105 | 560 | 48 | 116 | 50 | 477 | 33 | 560 | 98 | 270 | 364 | 418 | 17 | 985 | 381 | 164 | 425 | 515 | 1000 |

## ESECUZIONE 1 ARRANGEMENT 1

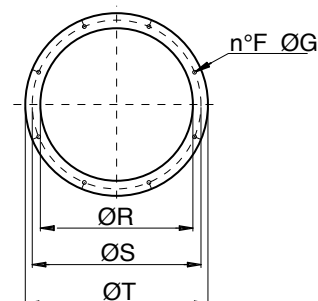


### HT ATEX 560-1000

| TIPO   TYPE | A    | B   | C   | ØD | F   | G   | H  | I    | M   | N   | O   | ØR | S    | T   | U     | V   | W   | Z    |
|-------------|------|-----|-----|----|-----|-----|----|------|-----|-----|-----|----|------|-----|-------|-----|-----|------|
| HT ATEX 710 | 1035 | 115 | 550 | 48 | 300 | 551 | 39 | 910  | 570 | 570 | 590 | 19 | 1103 | 426 | 184   | 475 | 570 | 1123 |
| HT ATEX 800 | 1070 | 127 | 620 | 55 | 325 | 551 | 39 | 945  | 600 | 600 | 590 | 19 | 1237 | 481 | 201   | 530 | 640 | 1265 |
| HT ATEX 900 | 1240 | 140 | 695 | 65 | 354 | 607 | 45 | 1051 | 663 | 663 | 735 | 19 | 1390 | 542 | 220,5 | 600 | 715 | 1428 |
| HT ATEX 100 | 1435 | 160 | 770 | 75 | 426 | 760 | 45 | 1281 | 780 | 780 | 960 | 24 | 1540 | 607 | 242   | 670 | 790 | 1591 |

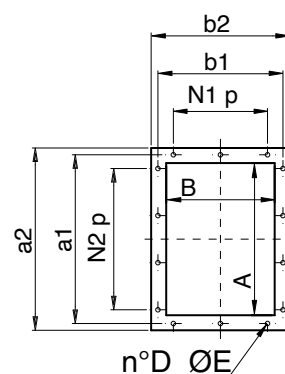
## BOCCA ASPIRANTE | INTEL CONE

| TIPO   TYPE  | ØR  | ØS  | ØT  | n° F | Ø G |
|--------------|-----|-----|-----|------|-----|
| HT ATEX 350  | 185 | 219 | 250 | 8    | 8   |
| HT ATEX 400  | 205 | 241 | 275 | 8    | 8   |
| HT ATEX 450  | 228 | 265 | 298 | 8    | 8   |
| HT ATEX 500  | 255 | 292 | 325 | 8    | 10  |
| HT ATEX 560  | 285 | 332 | 365 | 8    | 12  |
| HT ATEX 630  | 320 | 366 | 400 | 8    | 12  |
| HT ATEX 710  | 360 | 405 | 440 | 8    | 12  |
| HT ATEX 800  | 405 | 448 | 485 | 12   | 12  |
| HT ATEX 900  | 455 | 497 | 535 | 12   | 12  |
| HT ATEX 1000 | 505 | 551 | 585 | 12   | 14  |



## BOCCA PREMENTE | OUTLET CONE

| TIPO   TYPE  | A   | B   | a1  | b1  | a2  | b2  | N1 x p  | N2 x p  | n° D | Ø E |
|--------------|-----|-----|-----|-----|-----|-----|---------|---------|------|-----|
| HT ATEX 350  | 146 | 105 | 182 | 139 | 216 | 175 | -       | 1 x 112 | 6    | 12  |
| HT ATEX 400  | 166 | 117 | 200 | 151 | 236 | 187 | -       | 1 x 112 | 6    | 12  |
| HT ATEX 450  | 185 | 131 | 219 | 165 | 255 | 201 | -       | 1 x 112 | 6    | 12  |
| HT ATEX 500  | 207 | 148 | 241 | 182 | 277 | 218 | 1 x 112 | 1 x 112 | 8    | 12  |
| HT ATEX 560  | 231 | 166 | 265 | 200 | 301 | 236 | 1 x 112 | 1 x 112 | 8    | 12  |
| HT ATEX 630  | 258 | 185 | 292 | 219 | 328 | 255 | 1 x 112 | 2 x 112 | 10   | 12  |
| HT ATEX 710  | 288 | 205 | 332 | 249 | 368 | 285 | 1 x 125 | 2 x 125 | 10   | 12  |
| HT ATEX 800  | 322 | 229 | 366 | 273 | 402 | 309 | 1 x 125 | 2 x 125 | 10   | 12  |
| HT ATEX 900  | 361 | 256 | 405 | 300 | 441 | 336 | 1 x 125 | 2 x 125 | 10   | 12  |
| HT ATEX 1000 | 404 | 288 | 448 | 332 | 484 | 368 | 2 x 125 | 3 x 125 | 14   | 12  |



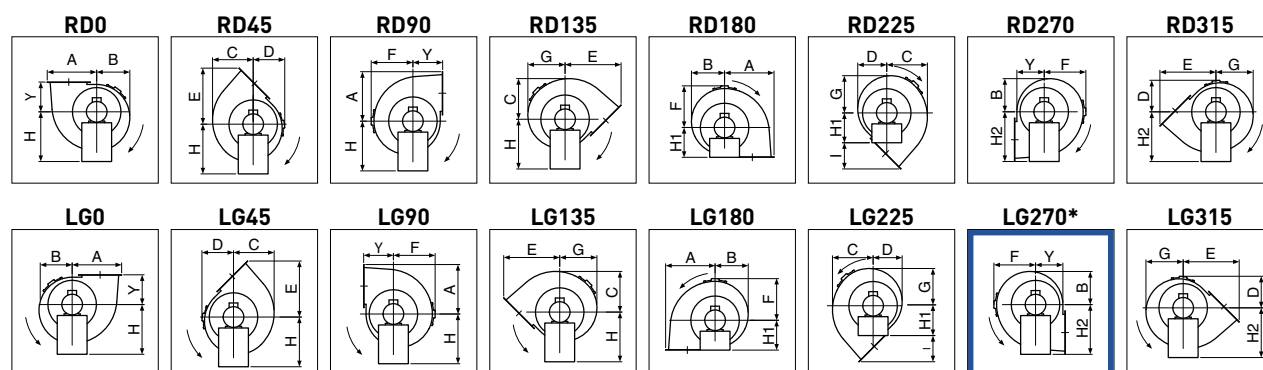
## DIMENSIONI E ORIENTAMENTI mm

HT ATEX

## DIMENSIONS AND DISCHARGE ANGLES

Dimensioni dei modelli secondo l'orientamento.

Dimensions of models according to the discharge angle.



\* Versione standard | Standard version.

## HT ATEX

| TIPO   TYPE  | A     | B     | C   | D   | E    | F   | G   | I   | Y   | H   | H1  | H2  |
|--------------|-------|-------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|
| HT ATEX 350  | 323   | 262   | 287 | 272 | 405  | 315 | 280 | 155 | 250 | 355 | 250 | 355 |
| HT ATEX 400  | 356   | 284   | 314 | 293 | 450  | 340 | 302 | 170 | 280 | 375 | 280 | 375 |
| HT ATEX 450  | 393   | 313   | 350 | 319 | 490  | 375 | 335 | 190 | 300 | 400 | 300 | 400 |
| HT ATEX 500  | 436   | 345   | 386 | 350 | 546  | 410 | 370 | 211 | 335 | 450 | 335 | 450 |
| HT ATEX 560  | 488   | 393   | 438 | 392 | 613  | 460 | 418 | 238 | 375 | 500 | 375 | 500 |
| HT ATEX 630  | 545   | 440   | 493 | 438 | 688  | 515 | 472 | 263 | 425 | 560 | 425 | 560 |
| HT ATEX 710  | 610   | 493   | 547 | 489 | 767  | 570 | 522 | 292 | 475 | 630 | 475 | 630 |
| HT ATEX 800  | 682   | 555   | 622 | 545 | 854  | 640 | 592 | 324 | 530 | 710 | 530 | 710 |
| HT ATEX 900  | 762,5 | 627,5 | 696 | 617 | 963  | 715 | 668 | 363 | 600 | 800 | 600 | 800 |
| HT ATEX 1000 | 849   | 691   | 805 | 640 | 1074 | 790 | 765 | 404 | 670 | 900 | 670 | 900 |

## PESI | WEIGHTS

| Modello   Model | Kg  |
|-----------------|-----|
| HT ATEX 352     | 35  |
| HT ATEX 352 A   | 36  |
| HT ATEX 402 R   | 46  |
| HT ATEX 402 A   | 50  |
| HT ATEX 452 B   | 60  |
| HT ATEX 452     | 80  |
| HT ATEX 502 B   | 92  |
| HT ATEX 502 A   | 107 |
| HT ATEX 562 R   | 122 |
| HT ATEX 562 A   | 163 |
| HT ATEX 632 B   | 175 |

| Modello   Model | Kg  |
|-----------------|-----|
| HT ATEX 632     | 193 |
| HT ATEX 712 R   | 300 |
| HT ATEX 712 Br  | 390 |
| HT ATEX 712     | 390 |
| HT ATEX 714 R   | 194 |
| HT ATEX 714     | 211 |
| HT ATEX 802 R   | 526 |
| HT ATEX 802 B   | 664 |
| HT ATEX 802     | 794 |
| HT ATEX 804 R   | 255 |
| HT ATEX 804     | 286 |

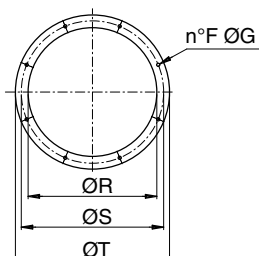
| Modello   Model | Kg   |
|-----------------|------|
| HT ATEX 902 R   | 926  |
| HT ATEX 902 B   | 969  |
| HT ATEX 902     | 1109 |
| HT ATEX 904 R   | 380  |
| HT ATEX 904     | 401  |
| HT ATEX 1002 R  | 1240 |
| HT ATEX 1002 Br | 1400 |
| HT ATEX 1002 B  | 1460 |
| HT ATEX 100     | 1660 |
| HT ATEX 1004 R  | 620  |
| HT ATEX 1004    | 640  |

Pesi indicativi / Indicative weights

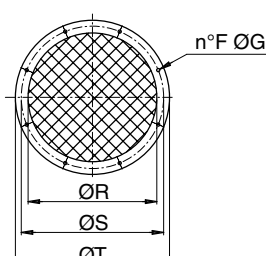
## LATO ASPIRANTE | INLET SIDE

Flangia - Rete - Giunto | Flange - Guard - Flexible connector

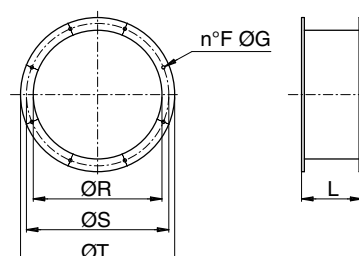
FLANGIA | FLANGE



RETE | GUARD



GIUNTO | FLEXIBLE CONNECTOR

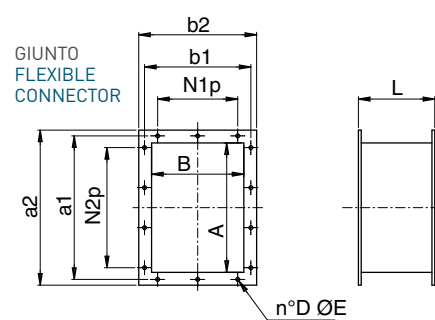
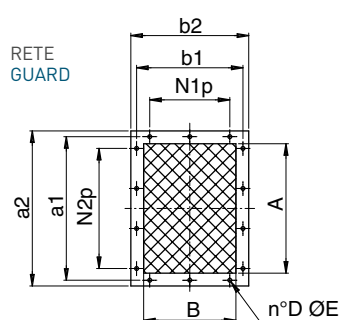
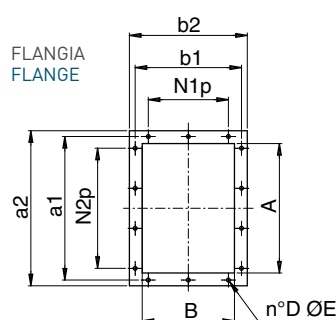


| Flangia<br>Flange | Rete<br>Guard | Giunto<br>Connector | Tipo<br>Type | ØR  | ØS  | ØT  | F  | ØG | L   |
|-------------------|---------------|---------------------|--------------|-----|-----|-----|----|----|-----|
| 5B01325           | 5RE1021       | 5SU3142             | 350          | 185 | 219 | 250 | 8  | 8  | 145 |
| 5B01328           | 5RE1017       | 5SU1405             | 400          | 205 | 241 | 275 | 8  | 8  | 145 |
| 5B01327           | 5RE1018       | 5SU1337             | 450          | 228 | 265 | 298 | 8  | 8  | 145 |
| 5B01323           | 5RE4050       | 5SU1096             | 500          | 255 | 292 | 325 | 8  | 10 | 145 |
| 5B01364           | 5RE1027       | 5SU3147             | 560          | 285 | 332 | 365 | 8  | 12 | 145 |
| 5B01334           | 5RE1002       | 5SU3101             | 630          | 320 | 366 | 400 | 8  | 12 | 145 |
| 5B01330           | 5RE1022       | 5SU3500             | 710          | 360 | 405 | 440 | 8  | 12 | 145 |
| 5B01347           | 5RE5606       | 5SU4022             | 800          | 405 | 448 | 485 | 12 | 12 | 145 |
| 5B08105           | 5RE1046       | 5SU4024             | 900          | 455 | 497 | 535 | 12 | 12 | 145 |
| 5B01380           | 5RE1180       | 5SU5003             | 1000         | 505 | 551 | 585 | 12 | 14 | 180 |

Dimensioni in mm | Dimensions in mm

## LATO PREMENTE | OUTLET SIDE

Flangia - Rete - Giunto | Flange - Guard - Flexible connector



| Flangia<br>Flange | Rete<br>Guard | Giunto<br>Connector | Tipo<br>Type | A   | B   | a1  | b1  | a2  | b2  | N1 x p  | N2 x p  | n° D | ø E | L   |
|-------------------|---------------|---------------------|--------------|-----|-----|-----|-----|-----|-----|---------|---------|------|-----|-----|
| 5B08108           | 5RE3018       | 5SU1410             | 350          | 146 | 105 | 182 | 139 | 216 | 175 | -       | 1 x 112 | 6    | 12  | 145 |
| 5B01332           | 5RE1007       | 5SU1411             | 400          | 166 | 117 | 200 | 151 | 236 | 187 | -       | 1 x 112 | 6    | 12  | 145 |
| 5B04505           | 5RE4505       | 5SU1017             | 450          | 185 | 131 | 219 | 165 | 255 | 201 | -       | 1 x 112 | 6    | 12  | 145 |
| 5B05019           | 5RE4051       | 5SU3018             | 500          | 207 | 148 | 241 | 182 | 277 | 218 | 1 x 112 | 1 x 112 | 8    | 12  | 145 |
| 5B01329           | 5RE1019       | 5SU1019             | 560          | 231 | 166 | 265 | 200 | 301 | 236 | 1 x 112 | 1 x 112 | 8    | 12  | 145 |
| 5B01324           | 5RE3138       | 5SU9004             | 630          | 258 | 185 | 292 | 219 | 328 | 255 | 1 x 112 | 2 x 112 | 10   | 12  | 145 |
| 5B01365           | 5RE1130       | 5SU3143             | 710          | 288 | 205 | 332 | 249 | 368 | 285 | 1 x 125 | 2 x 125 | 10   | 12  | 145 |
| 5B01362           | 5RE1348       | 5SU1131             | 800          | 322 | 229 | 366 | 273 | 402 | 309 | 1 x 125 | 2 x 125 | 10   | 12  | 145 |
| 5B01340           | 5RE1023       | 5SU3138             | 900          | 361 | 256 | 405 | 300 | 441 | 336 | 1 x 125 | 2 x 125 | 10   | 12  | 145 |
| 5B01344           | 5RE1020       | 5SU1130             | 1000         | 404 | 288 | 448 | 332 | 484 | 368 | 2 x 125 | 3 x 125 | 14   | 12  | 145 |

Dimensioni in mm | Dimensions in mm