

# QCM ATEX

## Aspiratori assiali a telaio quadro
## Plate mounted axial fans

Zona 21 II2D Ex h IIIB T 135°C Db
DUST



### NORME | NORMS

**EN 14986:2017**
**EN 1127-1**
**EN ISO 80079-36**
**EN ISO 80079-37**

**Attestato di Esame del Tipo**
**Type Examination Statement**
IMQ 10ATEX 002 X

### A RICHIESTA
### UPON REQUEST

- Versioni a 60 Hz
- Classi di temperatura T5 e T6
- Versions at 60 Hz
- Temperature classes T5 and T6

### VERSIONI | VERSIONS

**QCM ATEX**
Zone 1
II2G Ex h IIB T4 Gb
GAS

**QCM ATEX**
Zone 1
II2G Ex IIB+H2 T4 Gb
HYDROGEN

### DESCRIZIONE

Gli aspiratori assiali della serie QCM ATEX sono costruiti e certificati in conformità alla Direttiva ATEX 2014/34/UE.
Sono specificatamente progettati per poter essere utilizzati in zona 21, ossia in aree o ambienti dove sia necessario garantire un elevato fattore di sicurezza contro le esplosioni dovute alla presenza di polveri combustibili (II2D).
Il loro impiego è previsto per convogliare aria pulita con temperature comprese in un range da -20°C a +60°C (su richiesta, da -40°C a +60°C).

### COSTRUZIONE

- Telaio portante in lamiera d'acciaio zincata stampato e imbutito, con ampio raggio in aspirazione.
- Girante con pale a profilo alare in nylon-vetro antistatico e mozzo in fusione di lega d'alluminio. Bilanciata staticamente e dinamicamente secondo ISO 21940-11-2017.
- Esecuzione 5 (accoppiamento diretto con girante a sbalzo). Flusso dell'aria da motore a girante.
- Rete di protezione, lato motore, in tondino d'acciaio trafilato e verniciato. Realizzata a norme EN ISO 12499:2010 e UNI 80079-37-2016.

### MOTORE

Motore antideflagrante asincrono trifase o monofase a norme internazionali IEC 60034, IEC 60072, ATEX 2014/34/UE, EMC 2014/30/UE, LVD 2014/35/UE, marcato CE, IP66 secondo la EN ISO 20653, classe F. Idoneo ad un servizio continuo (S1). Specificamente progettato per installazione in ambienti classificati come zona ATEX 21 II2D (POLVERI) IIIC, apparecchiature protette mediante custodie con requisiti di tenuta alla penetrazione della polvere "tb" in accordo allo standard CEI EN IEC 60079-0, CEI EN 60079-31. Motore dotato di sistema di protezione da sovratemperature con termistori tipo PTC conformi alle norme DIN 44081, DIN 44082, IEC 60034-11-2 e idoneo alla regolazione di velocità a mezzo di regolatore tipo inverter (per la versione trifase).

### ACCESSORI

- S - Serranda a gravità
- D - Distanziatore realizzato in lamiera verniciata a polveri epossipoliestiriche
- R - Rete di protezione lato girante, realizzata a norme UNI EN ISO 12499 e protetta contro gli agenti atmosferici
- Interruttore di servizio ATEX.

### DESCRIPTION

The axial fans of the QCM ATEX series are manufactured and certified according to the ATEX Directive 2014/34/EU.
They are specifically designed to be used in zone 21, i.e. in areas or environments where it is necessary to guarantee a high safety factor against explosions due to the presence of combustible dusts (II2D).
They are suitable to convey clean air with a temperature included in a range from -20°C to +60°C (on request, from -40°C to +60°C).

### CONSTRUCTION

- Supporting frame in drawn steel sheet, with wide radius inlet cone.
- Impeller with airfoil blades in glass reinforced antistatic polyamide and hub in die-cast aluminium alloy, balanced according ISO 21940-11-2017.
- Execution 5 (direct coupling motor/impeller). Air-flow from motor to impeller.
- Inlet protection guard in steel painted rod, manufactured according to norms EN ISO 12499:2010 and UNI 80079-37-2016.

### MOTOR

Explosion-proof asynchronous three-phase or single-phase motor compliant with international standards IEC 60034, IEC 60072, ATEX 2014/34/EU, EMC 2014/30/EU, LVD 2014/35/EU, CE marked, IP66 to EN ISO 20653, class F. Suitable for continuous service (S1). Specifically designed for installation in environments classified as ATEX zone 21 II2D (DUST) IIIC, equipment protected by enclosures with dust penetration tightness requirements "tb" according to CEI EN IEC 60079-0, CEI EN 60079-31. The motor includes an overtemperature protection system equipped with PTC thermistors in accordance with DIN 44081, DIN 44082, IEC 60034-11-2 and suitable for speed regulation by inverter-type controller (for three-phase version).

### ACCESSORIES

- S - Gravity shutter
- D - Spacer manufactured in epoxy painted steel sheet
- R - Impeller side protection guard manufactured according to UNI ISO 12499 rules and protected against atmospheric agents
- ATEX service switch.

# PRESTAZIONI | PERFORMANCE

QCM ATEX (D)

Le prestazioni aerauliche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico1,2 Kg/m³. Il livello di potenza sonora è ottenuto secondo la norma AMCA 300-08 in camera riverberante. Installazione A.
Le tolleranze sono conformi alla ISO 13348 e alla DIN 24166.
Alimentazione 230V/1Ph/50Hz o 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 AMCA 300-08 in reverberating room. Installation A.
Tolerances comply with ISO13348 and DIN 24166.
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

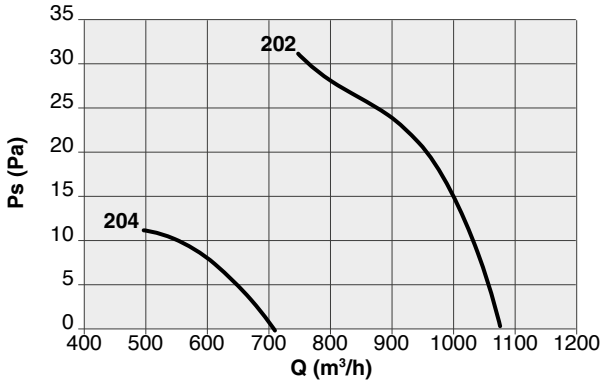
**U – M/T** Alimentazione elettrica Monofase/Trifase / Power supply Single/Three-phase
**P** N° di poli motore / N° of motor poles (RPM: 2p=3000 4p=1500 6p=1000 8p=750)
**Pm (kW)** Potenza nominale motore / Motor power rating
**In (A)** Corrente nominale a pieno carico / Full load current
**IP/CL** Grado 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

## QCM ATEX (D) 200

| Code | Tipo / Type | Modello / Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0000 | QCM ATX | 202 | M | 2 | 0.18 | 1.96 | 66/F | – | 63 |
| 1XQ0009 | | | T | 2 | 0.12 | 0.56 | 66/F | – | 56 |
| 1XQ0001 | | 204 | M | 4 | 0.06 | 0.88 | 66/F | – | 56 |
| 1XQ0010 | | | T | 4 | 0.09 | 0.53 | 66/F | – | 56 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 202 | LwA | 49.8 | 57.8 | 61.8 | 59.8 | 65.1 | 64.8 | 58.8 | 46.8 | 70.1 |
| | Lp | 32.3 | 40.3 | 44.3 | 42.3 | 47.6 | 47.3 | 41.3 | 29.3 | 52.6 |
| 204 | LwA | 34.7 | 42.7 | 46.7 | 44.7 | 50 | 49.7 | 43.7 | 31.7 | 55 |
| | Lp | 17.2 | 25.2 | 29.2 | 27.2 | 32.5 | 32.2 | 26.2 | 14.2 | 37.5 |

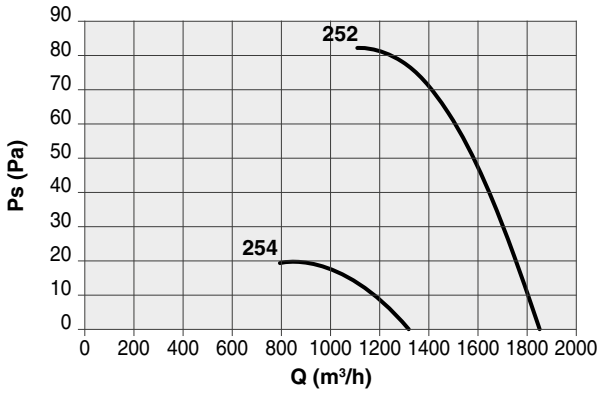



## QCM ATEX (D) 250

| Code | Tipo / Type | Modello / Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0002 | QCM ATX | 252 | M | 2 | 0.18 | 1.96 | 66/F | – | 63 |
| 1XQ0011 | | | T | 2 | 0.12 | 0.56 | 66/F | – | 56 |
| 1XQ0003 | | 254 | M | 4 | 0.09 | 0.93 | 66/F | – | 63 |
| 1XQ0012 | | | T | 4 | 0.09 | 0.53 | 66/F | – | 56 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 252 | LwA | - | 65.5 | 72.1 | 77.3 | 78.4 | 72.3 | 67.3 | 59.5 | 84.7 |
| | Lp | - | 48 | 54.6 | 59.8 | 60.9 | 54.8 | 49.8 | 42 | 67.2 |
| 254 | LwA | - | 53.4 | 60 | 65.2 | 66.3 | 60.3 | 55.2 | 47.4 | 69.6 |
| | Lp | - | 32.9 | 39.5 | 44.7 | 45.8 | 39.7 | 34.7 | 26.9 | 52.1 |

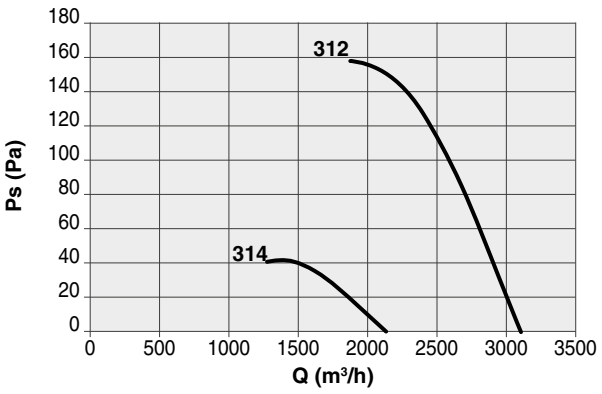



## QCM ATEX (D) 310

| Code | Tipo / Type | Modello / Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0004 | QCM ATX | 312 | M | 2 | 0.25 | 2.20 | 66/F | – | 71 |
| 1XQ0013 | | | T | 2 | 0.25 | 0.62 | 66/F | – | 63 |
| 1XQ0005 | | 314 | M | 4 | 0.09 | 0.98 | 66/F | – | 63 |
| 1XQ0014 | | | T | 4 | 0.09 | 0.45 | 66/F | – | 56 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 312 | LwA | 62.8 | 66.8 | 74.8 | 75.8 | 78.8 | 79.8 | 74.8 | 62.8 | 84.5 |
| | Lp | 45.3 | 49.3 | 57.3 | 58.3 | 61.3 | 62.3 | 57.3 | 45.3 | 67 |
| 314 | LwA | 47.7 | 51.7 | 59.7 | 60.7 | 63.7 | 64.7 | 59.7 | 47.7 | 69.4 |
| | Lp | 30.2 | 34.2 | 42.2 | 43.2 | 46.2 | 47.2 | 42.2 | 30.2 | 51.9 |



# PRESTAZIONI | PERFORMANCE

QCM ATEX (D)

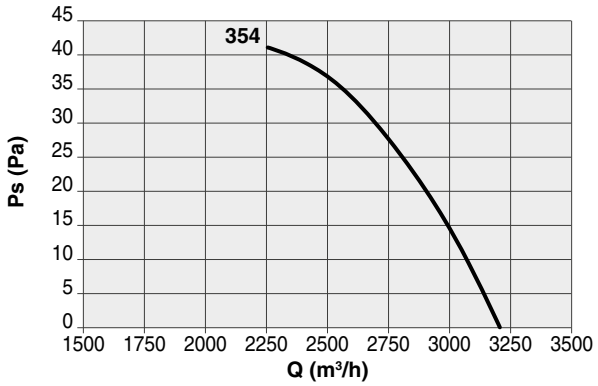
| U – M/T | P | Pm (kW) | In (A) | IP/CL | Mot. (Gr) | Lp/Lw (dBA) | Ps (Pa) | Q (m³/h) |
|---|---|---|---|---|---|---|---|---|
| Alimentazione elettrica Monofase/Trifase<br>Power supply Single/Three-phase | N° di poli motore<br>N° of motor poles<br>(RPM: 2p=3000 4p=1500 6p=1000 8p=750) | Potenza nominale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

## QCM ATEX (D) 350

| Code | Tipo / Type | Modello / Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0006 | QCM ATX | 354 | M | 4 | 0.12 | 1.20 | 66/F | – | 63 |
| 1XQ0015 | | | T | 4 | 0.12 | 0.51 | 66/F | – | 63 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 354 | LwA | 50.7 | 52.7 | 62.7 | 64.7 | 65.2 | 68.7 | 64.7 | 53.7 | 72.8 |
| | Lp | 33.2 | 35.2 | 45.2 | 47.2 | 47.7 | 51.2 | 47.2 | 36.2 | 55.3 |

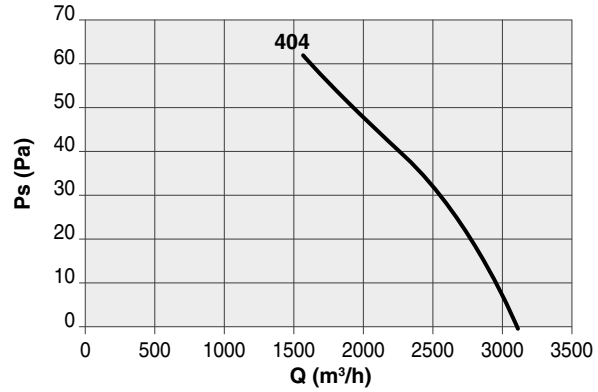



## QCM ATEX (D) 400

| Code | Tipo / Type | Modello / Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0007 | QCM ATX | 404 | M | 4 | 0.18 | 1.75 | 66/F | – | 71 |
| 1XQ0016 | | | T | 4 | 0.18 | 0.70 | 66/F | – | 63 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 404 | LwA | 54.7 | 56.7 | 61.7 | 64.7 | 68.7 | 69.7 | 55.7 | 56.7 | 73.6 |
| | Lp | 37.2 | 39.2 | 44.2 | 47.2 | 51.2 | 52.2 | 38.2 | 39.2 | 56.1 |

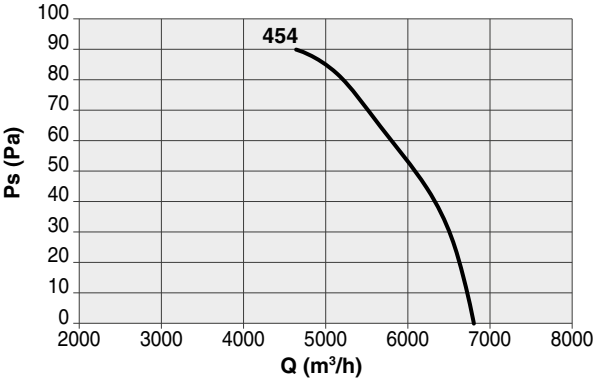



## QCM ATEX (D) 450

| Code | Tipo / Type | Modello / Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0008 | QCM ATX | 454 | M | 4 | 0.37 | 2.90 | 66/F | – | 80 |
| 1XQ0017 | | | T | 4 | 0.37 | 1.10 | 66/F | – | 71 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 454 | LwA | 47.2 | 48.2 | 53.2 | 57.2 | 60.2 | 61.2 | 56.2 | 49.2 | 83.2 |
| | Lp | 64.7 | 65.7 | 70.7 | 74.7 | 77.7 | 78.7 | 73.7 | 66.7 | 65.7 |

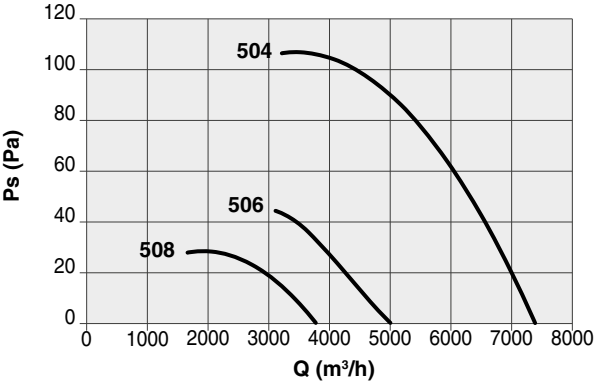



## QCM ATEX (D) 500

| Code | Tipo / Type | Modello / Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0018 | QCM ATX | 504 | T | 4 | 0.55 | 1.50 | 66/F | – | 80 |
| 1XQ0019 | | 506 | T | 6 | 0.18 | 0.76 | 66/F | – | 71 |
| 1XQ0020 | | 508 | T | 8 | 0.12 | 0.90 | 66/F | – | 71 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 504 | LwA | 51.2 | 52.2 | 60.2 | 62.2 | 59.2 | 56.2 | 59.2 | 46.2 | 84.6 |
| | Lp | 68.7 | 69.7 | 77.7 | 79.7 | 76.7 | 73.7 | 76.7 | 63.7 | 67.1 |
| 506 | LwA | 56.7 | 66.7 | 64.7 | 65.7 | 65.7 | 67.7 | 62.7 | 54.7 | 73.8 |
| | Lp | 39.2 | 49.2 | 47.2 | 48.2 | 48.2 | 50.2 | 45.2 | 37.2 | 56.3 |
| 508 | LwA | 34.2 | 40.2 | 40.2 | 40.2 | 42.2 | 43.2 | 39.2 | 29.2 | 66.6 |
| | Lp | 51.7 | 57.7 | 57.7 | 57.7 | 59.7 | 60.7 | 56.7 | 46.7 | 49.1 |






DYNAIR INDUSTRIAL VENTILATION

# PRESTAZIONI | PERFORMANCE



**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

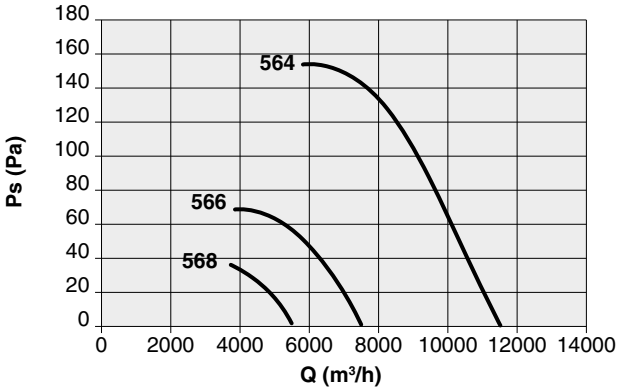
**Q (m³/h)**
Portata
volumetrica
Airflow
volume

## QCM ATEX D 560

| Code | Tipo Type | Modello Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0021 | | 564 | T | 4 | 0.75 | 2.00 | 66/F | ✓ | 80 |
| 1XQ0022 | QCM ATX | 566 | T | 6 | 0.25 | 1.00 | 66/F | – | 71 |
| 1XQ0023 | | 568 | T | 8 | 0.18 | 0.95 | 66/F | – | 80 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 564 | LwA | 34.8 | 55.8 | 66.3 | 64.8 | 63.8 | 63.8 | 60.8 | 51.8 | 88.9 |
| | Lp | 52.3 | 73.3 | 83.8 | 82.3 | 81.3 | 81.3 | 78.3 | 69.3 | 71.4 |
| 566 | LwA | 43.5 | 64.5 | 75.0 | 73.5 | 72.5 | 72.5 | 69.5 | 60.5 | 80.1 |
| | Lp | 26.0 | 47.0 | 57.5 | 56.0 | 55.0 | 55.0 | 52.0 | 43.0 | 62.6 |
| 568 | LwA | 37.2 | 58.2 | 68.7 | 67.2 | 66.2 | 66.2 | 63.2 | 54.2 | 73.9 |
| | Lp | 19.7 | 40.7 | 51.2 | 49.7 | 48.7 | 48.7 | 45.7 | 36.7 | 56.4 |

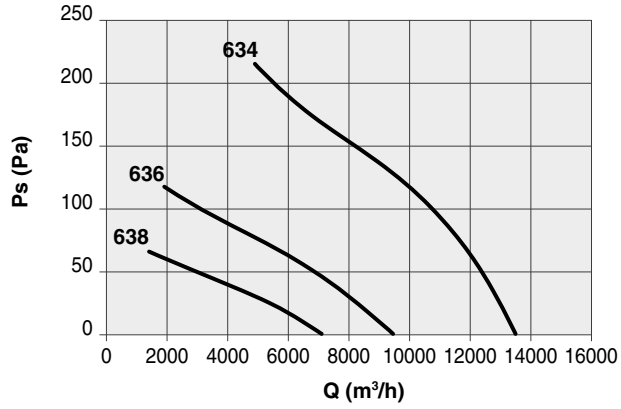



## QCM ATEX D 630

| Code | Tipo Type | Modello Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0024 | | 634 | T | 4 | 1.10 | 2.70 | 66/F | ✓ | 90 |
| 1XQ0025 | QCM ATX | 636 | T | 6 | 0.37 | 1.25 | 66/F | – | 80 |
| 1XQ0026 | | 638 | T | 8 | 0.25 | 1.20 | 66/F | – | 80 |

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

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 634 | LwA | 38.8 | 54.8 | 65.8 | 66.8 | 68.8 | 70.1 | 64.8 | 56.8 | 74,8 |
| | Lp | 56.3 | 72.3 | 83.3 | 84.3 | 86.3 | 87.6 | 82.3 | 74.3 | 92,3 |
| 636 | LwA | 47.5 | 63.5 | 74.5 | 75.5 | 77.5 | 78.8 | 73.5 | 65.5 | 83,5 |
| | Lp | 30.0 | 46.0 | 57.0 | 58.0 | 60.0 | 61.3 | 56.0 | 48.0 | 66 |
| 638 | LwA | 41.2 | 57.2 | 68.2 | 69.2 | 71.2 | 72.5 | 67.2 | 59.2 | 77,3 |
| | Lp | 23.7 | 39.7 | 50.7 | 51.7 | 53.7 | 55.0 | 49.7 | 41.7 | 59,8 |

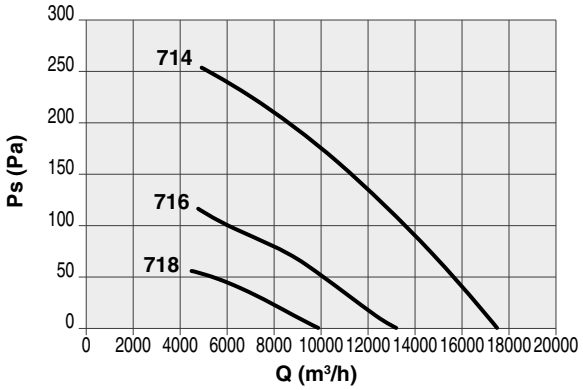



## QCM ATEX D 710

| Code | Tipo Type | Modello Model | U | P | Pm (kW) | In (A) | IP/CL | IE3 | Mot. (Gr) |
|---|---|---|---|---|---|---|---|---|---|
| 1XQ0027 | | 714 | T | 4 | 2.20 | 5.50 | 66/F | ✓ | 100L |
| 1XQ0028 | QCM ATX | 716 | T | 6 | 0.75 | 2.70 | 66/F | ✓ | 90S |
| 1XQ0029 | | 718 | T | 8 | 0.37 | 1.30 | 66/F | – | 90S |

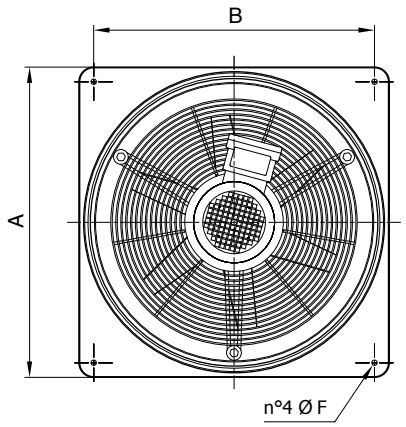
**LIVELLI SONORI | SOUND LEVELS dB(A)**

| Hz | | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | TOT |
|---|---|---|---|---|---|---|---|---|---|---|
| 714 | LwA | 40.8 | 53.8 | 65.8 | 68.8 | 74.8 | 76.8 | 70.8 | 61.8 | 97.6 |
| | Lp | 58.3 | 71.3 | 83.3 | 86.3 | 92.3 | 94.3 | 88.3 | 79.3 | 80.1 |
| 716 | LwA | 31.8 | 51.8 | 56.8 | 55.8 | 60.8 | 63.8 | 56.8 | 44.8 | 84.6 |
| | Lp | 49.3 | 69.3 | 74.3 | 73.3 | 78.3 | 81.3 | 74.3 | 62.3 | 67.1 |
| 718 | LwA | 50.8 | 62.3 | 70.3 | 69.3 | 71.3 | 73.3 | 64.3 | 51.3 | 77.7 |
| | Lp | 33.3 | 44.8 | 52.8 | 51.8 | 53.8 | 55.8 | 46.8 | 33.8 | 60.2 |

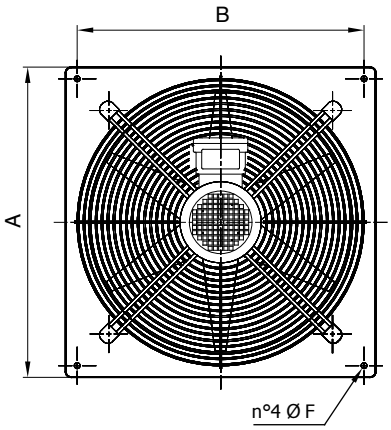


# DIMENSIONI | DIMENSIONS mm

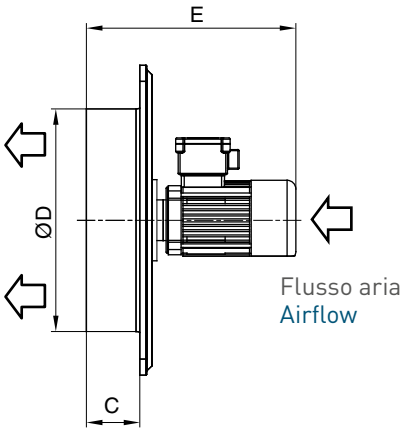
QCM ATEX




QCM ATEX 200 ÷ 560




QCM ATEX 630 - 710




## QCM ATEX

| TIPO \| TYPE | A | B | C | ØD | E | ØF | Kg |
|---|---|---|---|---|---|---|---|
| **QCM ATX 200** | 345 | 305 | 44 | 215 | 314 | 8,5 | 7 |
| **QCM ATX 250** | 400 | 350 | 57 | 265 | 327 | 8,5 | 9 |
| **QCM ATX 310** | 465 | 405 | 77 | 316 | 350 | 10 | 13 |
| **QCM ATX 350** | 525 | 465 | 90 | 366 | 360 | 10 | 14 |
| **QCM ATX 400** | 580 | 520 | 100 | 417 | 360 | 10 | 16 |
| **QCM ATX 450** | 630 | 570 | 107 | 461 | 385 | 10 | 20 |
| **QCM ATX 500** | 700 | 640 | 137 | 516 | 415 | 10 | 24 |
| **QCM ATX 560** | 765 | 695 | 122 | 573 | 400 | 10 | 27 |
| **QCM ATX 630** | 800 | 730 | 93 | 640 | 420 | 12 | 29 |
| **QCM ATX 710** | 850 | 800 | 93 | 710 | 465 | 12 | 38 |

Pesi indicativi | Indicative weights

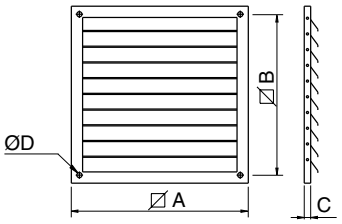
## S | SERRANDA A GRAVITÀ | GRAVITY SHUTTER

Evita dispersioni di calore e l'entrata del vento, pioggia o volatili. Le alette della serranda si aprono con il movimento dell'aria a ventilatore in funzione, richiudendosi per gravità al suo spegnimento. Il telaio è in acciaio verniciato a polveri epossipoliestiriche e le alette sono in tecnopolimero. Minima resistenza al passaggio dell'aria.

It avoids heat loss and entry of wind, rain and birds. The fins of the shutter are opened by the air flow when the fan is working and they close down by gravity when the fan is switched off. The frame is in steel sheet painted with epoxy powder coating and the fins are in techno-polymer. The use of the gravity shutter causes a small capacity reduction.

| Code | Tipo \| Type | ⍁A | ⍁B | C | ØD | Kg |
|---|---|---|---|---|---|---|
| 1SE2000 | S 20 | 275 | 250 | 10 | 10 | 1.0 |
| 1SE2500 | S 25 | 325 | 300 | 10 | 10 | 1.5 |
| 1SE3000 | S 31 | 375 | 350 | 10 | 10 | 2.0 |
| 1SE3500 | S 35 | 425 | 400 | 10 | 10 | 2.5 |
| 1SE4000 | S 40 | 475 | 450 | 10 | 10 | 3.0 |
| 1SE4500 | S 45 | 530 | 500 | 15 | 10 | 3.5 |
| 1SE5000 | S 50 | 630 | 600 | 15 | 10 | 4.0 |
| 1SE5600 | S 56 | 660 | 630 | 15 | 10 | 4.5 |
| 1SE6300 | S 63 | 760 | 730 | 15 | 10 | 5.5 |
| 1SE7000 | S 71 | 830 | 800 | 15 | 10 | 6.0 |

Dimensioni in mm | Dimensions in mm




## D | DISTANZIATORE | SPACER

Serve, principalmente, a supportare il ventilatore quando la parete ha uno spessore inferiore all'altezza del boccaglio del ventilatore stesso. Il telaio è in lamiera zincata (D63 - D71 sono verniciate a polveri epossipoliestiriche), ai quattro angoli sono previsti inserti filettati in acciaio zincato per il fissaggio del pannello del ventilatore, su di un lato e della serranda e/o della rete sull'altro lato.

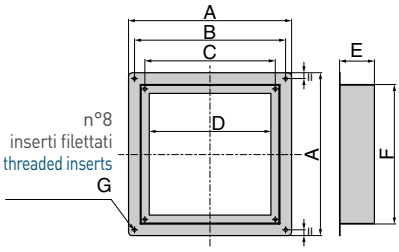
It is needed to support the fan when the width of the wall is smaller than the dimension "C" ( height of the fan inlet cone). Frame is in galvanized steel sheet (D63 and D71 are painted with epoxy powder coating); on the four corners there are 8 threaded inserts in galvanized steel sheet, for fixing the fan in one side and the shutter and/ or the grid on the other side.

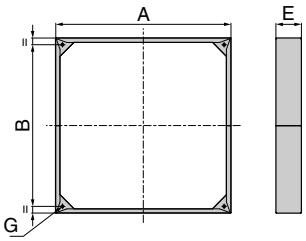
| Code | Tipo \| Type | A | B | C | D | E | F | G | Kg |
|---|---|---|---|---|---|---|---|---|---|
| 1DP2002 | D 20 | 340 | 305 | 249 | 230 | 70 | 280 | M6 | 1.8 |
| 1DP2502 | D 25 | 390 | 350 | 299 | 280 | 70 | 330 | M6 | 2.2 |
| 1DP3002 | D 30 | 445 | 405 | 349 | 330 | 100 | 380 | M6 | 3.0 |
| 1DP3502 | D 35 | 510 | 465 | 399 | 380 | 100 | 430 | M6 | 3.4 |
| 1DP4003 | D 40 | 560 | 520 | 449 | 420 | 120 | 480 | M6 | 4.6 |
| 1DP4502 | D 45 | 610 | 570 | 499 | 470 | 120 | 530 | M6 | 5.0 |
| 1DP5003 | D 50 | 680 | 640 | 602 | 570 | 150 | 630 | M8 | 5.4 |
| 1DP5602 | D 56 | 750 | 695 | 631 | 605 | 150 | 685 | M8 | 6.6 |

Dimensioni in mm | Dimensions in mm

| Code | Tipo \| Type | A | B | E | G | Kg |
|---|---|---|---|---|---|---|
| 1DP6301 | D 63 | 790 | 729 | 210 | M8 | 9.8 |
| 1DP7000 | D 71 | 840 | 800 | 115 | M8 | 6.5 |

Dimensioni in mm | Dimensions in mm



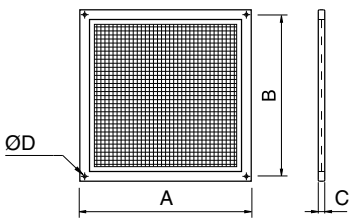

## R | RETE DI PROTEZIONE | PROTECTION GUARD

Evita il contatto accidentale con la girante del ventilatore.
Il telaio e la rete sono in acciaio verniciato a polveri epossipoliestiriche.

It avoids the accidental contact with the impeller of the fan.
Frame and grid are in epoxy painted steel sheet

| Code | Tipo \| Type | A | B | C | ØD | Kg |
|---|---|---|---|---|---|---|
| 5RE7020 | R 20 | 275 | 250 | 10 | 10 | 1.3 |
| 5RE7025 | R 25 | 325 | 300 | 10 | 10 | 1.5 |
| 5RE7031 | R 31 | 375 | 350 | 10 | 10 | 1.9 |
| 5RE7035 | R 35 | 425 | 400 | 10 | 10 | 2.3 |
| 5RE7040 | R 40 | 475 | 450 | 10 | 10 | 2.7 |
| 5RE7045 | R 45 | 530 | 500 | 15 | 10 | 2.8 |
| 5RE7050 | R 50 | 630 | 600 | 15 | 10 | 4.0 |
| 5RE7056 | R 56 | 660 | 630 | 15 | 10 | 4.6 |
| 5RE7063 | R 63 | 760 | 730 | 15 | 10 | 5.3 |
| 5RE7070 | R 71 | 830 | 800 | 15 | 10 | 6.0 |

Dimensioni in mm | Dimensions in mm




**NB:** accessori non contemplati nel **Certificato di Esame del Tipo**. Contattare il servizio tecnico-commerciale per esigenze costruttive diverse.
**NB:** accessories not included in the **Type Examination Certificate**. Please contact us for any different construction requirments.