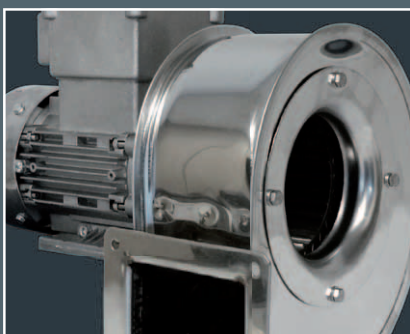
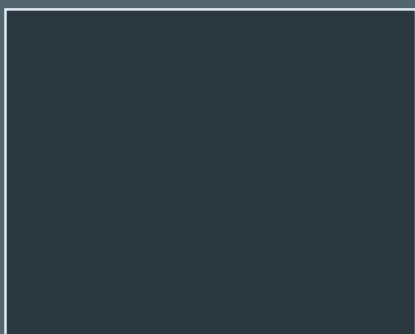
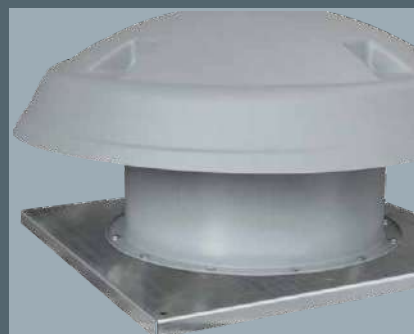




## Лопастные центробежные вентиляторы серии PQ-L

Архангельск (8182)63-90-72  
Астана (7172)727-132  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Казань (843)206-01-48

Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81

Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54

Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Казахстан (772)734-952-31

Таджикистан (992)427-82-92-69

Единый адрес для всех регионов: [dry@nt-rt.ru](mailto:dry@nt-rt.ru) || [www.ventair.nt-rt.ru](http://www.ventair.nt-rt.ru)

# > PQ-L

## Ventilatori centrifughi pale rovesce

Backward curved blade centrifugal fans



Versioni / Versions:



Conformi alla Direttiva ErP 2009/125/CE ed al Regolamento UE 327/2011 (FAN)

Compliant with ErP Directive 2009/125/CE and EU Regulation 327/2011 (FAN)

### DESCRIZIONE GENERALE

I ventilatori della serie PQ-L trovano la loro principale applicazione negli impianti civili e industriali di condizionamento, ventilazione, riscaldamento e filtrazione. Possono convogliare aria pulita e fumi polverosi (non abrasivi), con temperatura da -20°C a +80°C nella configurazione standard e fino a 300°C con costruzione speciale. La serie prevede esecuzioni direttamente accoppiate (esecuzione 4) e a trasmissione (esecuzione 1, 9 e 12). Adatto per portate elevate e pressioni medio-alte.

### COSTRUZIONE

- Cassa a spirale realizzata in lamiera d'acciaio e protetta contro gli agenti atmosferici con vernici a polveri epossipoliesteriche.
- Boccaglio d'aspirazione con ampio raggio realizzato in lamiera d'acciaio e protetto contro gli agenti atmosferici con vernici a polveri epossipoliesteriche.
- 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 asincrono trifase a norme internazionali IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE e marcato CE IP55, classe F, idonei ad un servizio S1 (funzionamento continuo a carico costante).

### ACCESSORI (disponibili su richiesta)

- Tappo scarico condensa (TS)
- Portella d'ispezione (PI)
- Controflangia per bocca aspirante (CFA)
- Controflangia per bocca premente (CFP)
- Rete di protezione per bocca aspirante (RA)
- Rete di protezione per bocca premente (RP)
- Giunto antivibrante per bocca aspirante (GA)
- Giunto antivibrante per bocca premente (GP)
- Regolatore di portata in aspirazione
- Serranda ad alette contrapposte in premente
- Supporti antivibranti

### A RICHIESTA

- Versione idonea al trasporto di gas caldi, max 150°C (PQ-L/AT es 4).
- Versione idonea al trasporto di gas caldi, max 300°C (PQ-L/AT es 1-12).
- Versione resistente all'azione corrosiva del gas trasportato, realizzata con cassa, boccaglio e girante in acciaio inossidabile AISI304 (PQ-L/INOX).
- Versione ATEX: motore asincrono trifase II2G, II2D, II2GD a norme internazionali IEC 60034, IEC 60072, IEC 60079 e/o IEC 61241, EMC 2004/108/CE, LVD 2006/95/CE, con certificati ATEX e marcatura CE, IP 55/IP 65, classe F, idonei ad un servizio S1 (funzionamento continuo a carico costante).

### GENERAL DESCRIPTION

Fans of PQ-L series find their main application in industrial plants of conditioning, ventilation, heating and filtering; they can also be used as part of manufacturing process (wood industry, chemical industry, mills, mines, foundries, etc.). They can convey dusty (not abrasive) air and smoke, with temperature from -20°C to +80°C in the standard configuration and up to 300°C with specials constructions. The series foresees direct drive version (execution 4) and belt drive version (execution 1, 9 and 12). Suitable for high capacity, medium-high pressures.

### CONSTRUCTION

- Volute casing in steel sheet, protected against atmospheric agents by epoxy paint.
- Aerodynamically shaped inlet cone in steel sheet, protected against atmospheric agents by epoxy paint.
- Single inlet backward curved wheel with high efficiency, manufactured in steel sheet and epoxy painted. For high rotational speed, versions in class 3 are foreseen.
- 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.
- Asynchronous three-phase motors according to international standards IEC 60034, IEC 60072, EMC 2004/108/CE, LVD 2006/95/CE, CE marked, IP 55, class F, suitable to S1 service (continuous working at constant load).

### ACCESSORIES (available upon request)

- Condensation drain hole (TS)
- Inspection door (PI)
- Inlet counter-flange (CFA)
- Outlet counter-flange (CFP)
- Inlet protection guard (RA)
- Outlet protection guard (RP)
- Inlet flexible connector (GA)
- Outlet flexible connector (GP)
- Inlet vane control
- Outlet setting shutter
- Anti-vibration mounts

### UPON REQUEST

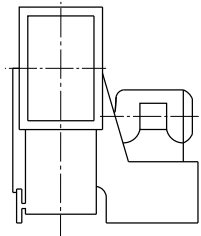
- High temperature version suitable for conveying hot gases, Max 150°C (PQ-L/AT EX4).
- High temperature version suitable for conveying hot gases, Max 300°C (PQ-L/AT EX1,12).
- Corrosion resistant version, manufactured with casing, inlet side and impeller in stainless steel AISI304 (PQ-L/INOX).
- ATEX version, with asynchronous three-phase motors II2G, II2D, II2GD according to international standards IEC 60034, IEC 60072, IEC 60079 and/or IEC61241, EMC 2004/108/CE, LVD 2006/95/CE, with ATEX certification, CE marked, IP55/IP 65, class F, suitable to S1 service (continuous working at constant load).

Abbinamento a regolatori di velocità / Speed regulators pairing - Pag. 296

Collegamenti elettrici / Wiring diagrams - Pag. 316

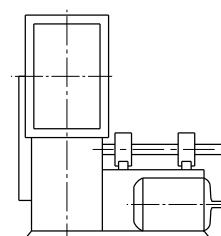
- 4: Girante a sbalzo direttamente accoppiata al motore, sostenuto dalla base/sedia.

4: *Impeller directly coupled to the motor supported by the motor support base.*



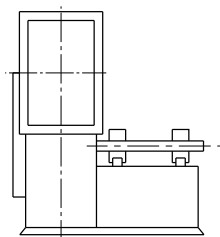
- 9: Come esecuzione 1 con predisposizione al montaggio del motore posto sul fianco della base/sedia.

9: *Same as execution 1 with arrangement for the motor assembled on the side of the support base.*



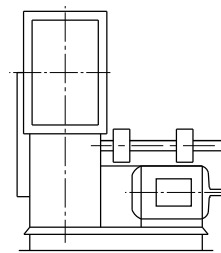
- 1: Predisposizione all'accoppiamento con cinghie e pulegge, girante a sbalzo, direttamente accoppiata a supporto sostenuto dalla base/sedia.

1: *Arrangement for belt drive with impeller directly coupled to the support shaft carried by the motor support base.*



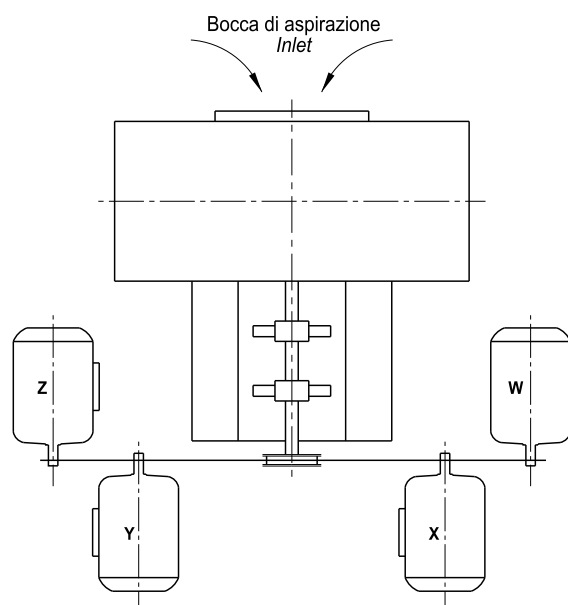
- 12: come esecuzione 1 con predisposizione al montaggio del motore e ventilatore su unico telaio di fondazione.

12: *same as execution 1 with arrangement for fan and motor mounted on common basement.*



## POSIZIONE MOTORE *Motor position*

PQ-L

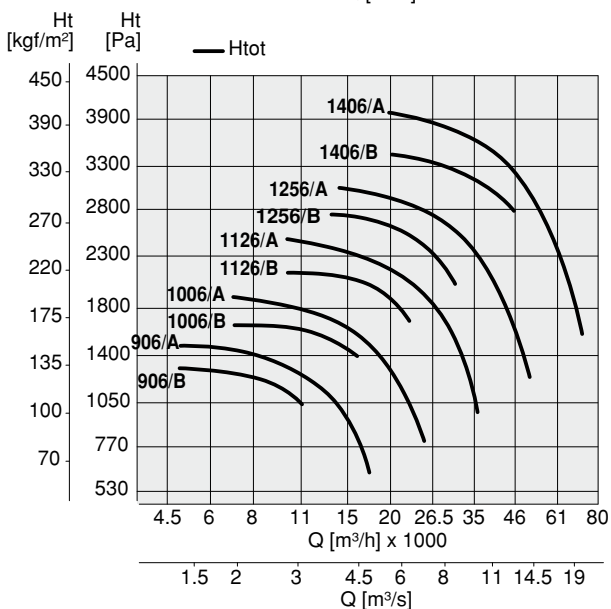
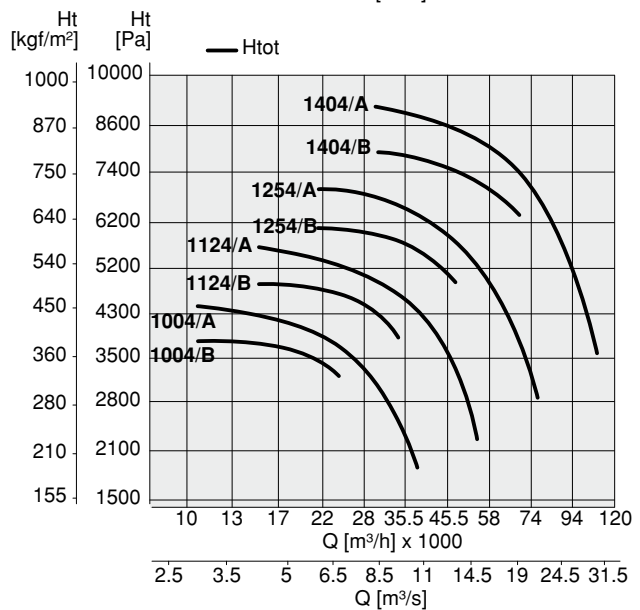
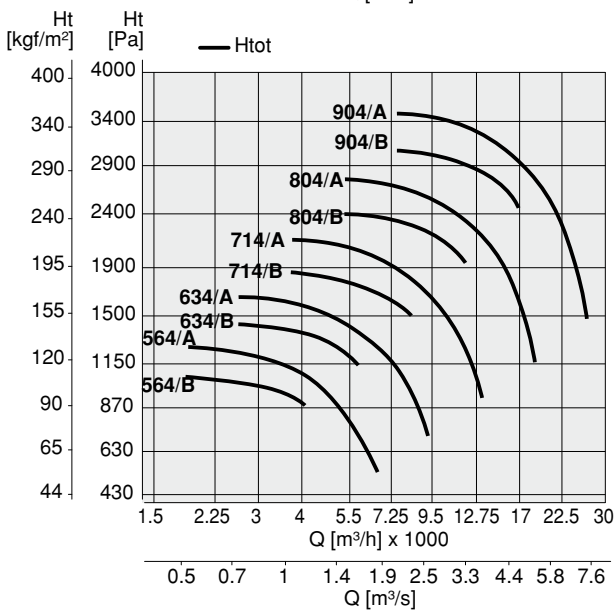
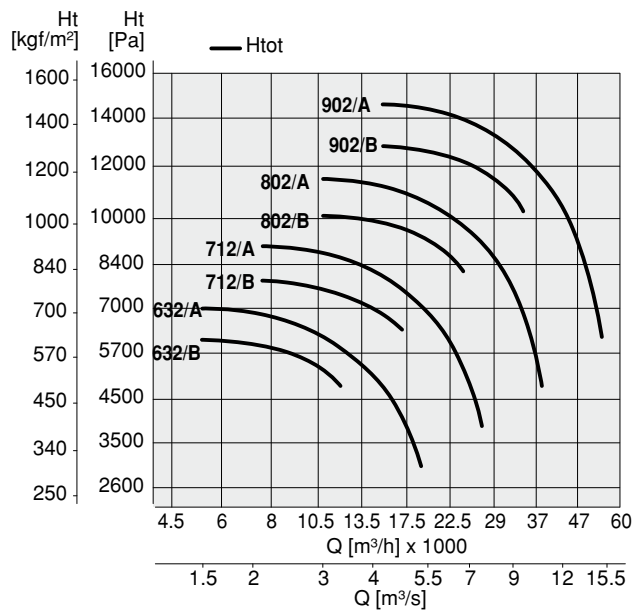
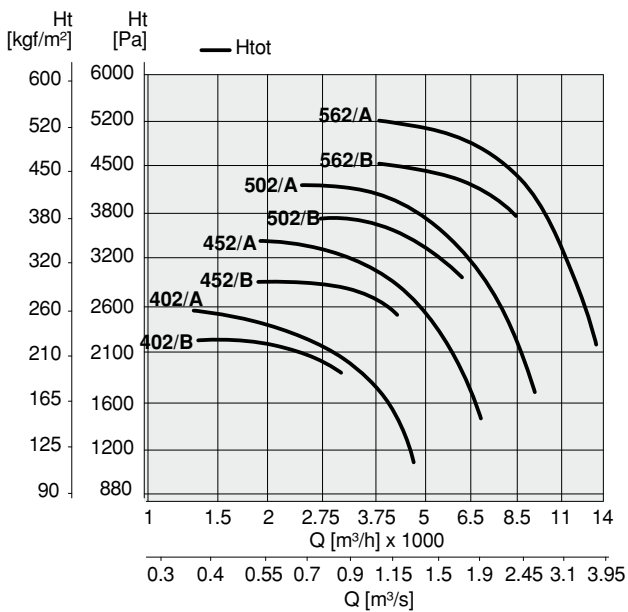


Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>.  
Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight.  
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).





Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

### PQ-L 40

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| 7PQ4006 | PQ-L | 402-A   | T | 2 | 3,00    | 6,40   | 55/F  | 70       |
| 7PQ4004 | PQ-L | 402-B   | T | 2 | 2,20    | 4,90   | 55/F  | 71       |

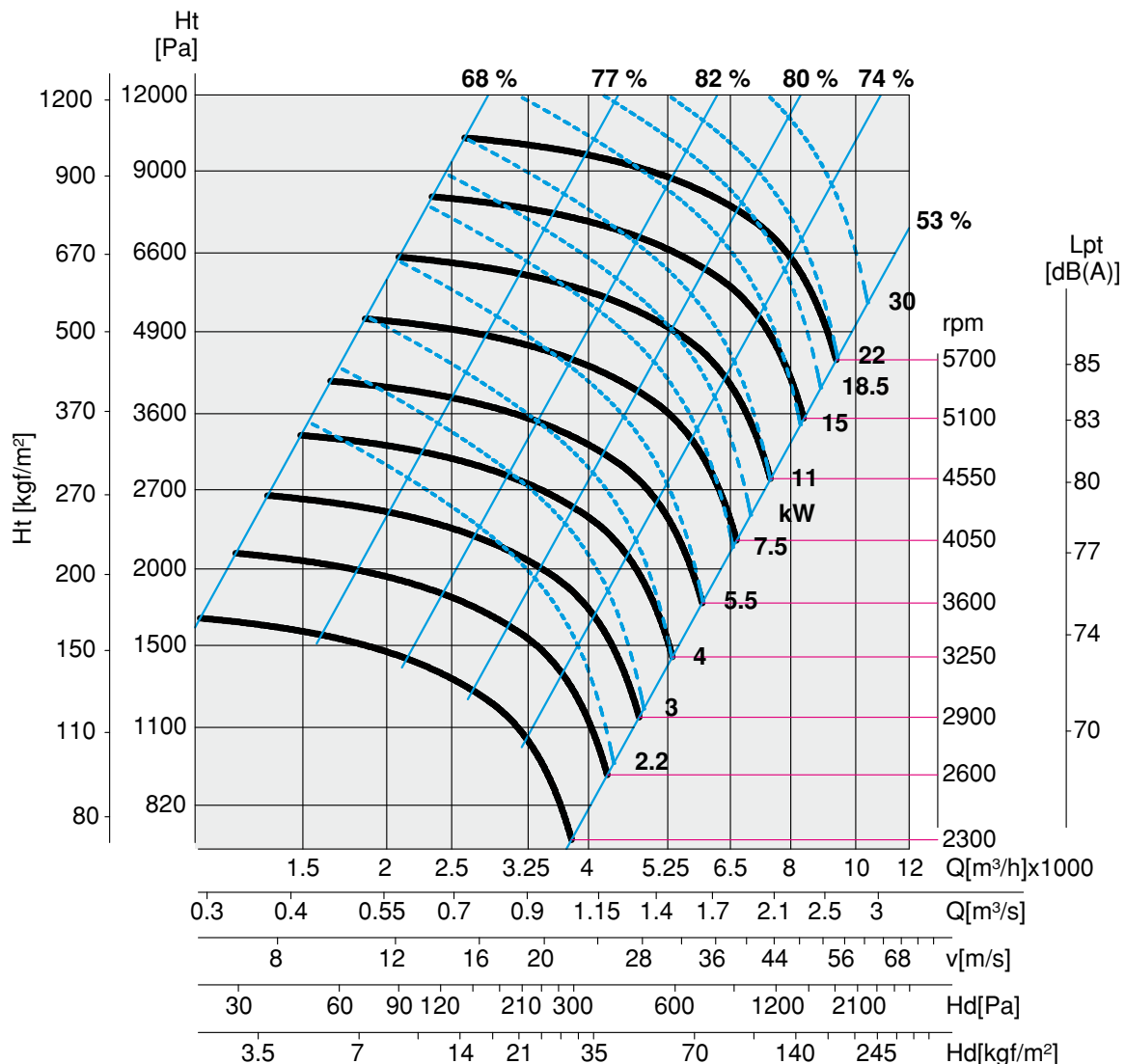
I codici si riferiscono a modelli con esecuzione 4 e LG270.  
The item codes are those of products in Execution 4 and LG270.

### Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m <sup>3</sup> /h) | Pt min (mm H <sub>2</sub> O) | C max (m/s) | S (m <sup>2</sup> ) | Pd <sup>2</sup> (kgm <sup>2</sup> ) | Mot. (Gr) |
|------|---------|---------------------------|------------------------------|-------------|---------------------|-------------------------------------|-----------|
| PQ-L | 402-A   | 4650                      | 114                          | 27,10       | 0,04773             | 0,80                                | 100       |
| PQ-L | 402-B   | 3050                      | 192                          | 17,78       | 0,04773             | 0,40                                | 90        |

### Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C - 100°C                         | 5500 | Standard                                    |
| 100°C - 200°C Es. 1-9-12            | 5000 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C - 300°C Es. 1-9-12            | 4500 | Alta temperatura/High temperature ( PQL-AT) |



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Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

## PQ-L 45

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| 7PQ4500 | PQ-L | 452-A   | T | 2 | 5,50    | 10,60  | 55/F  | 74       |
| 7PQ4511 | PQ-L | 452-B   | T | 2 | 4,00    | 8,50   | 55/F  | 74       |

I codici si riferiscono a modelli con esecuzione 4 e LG270.

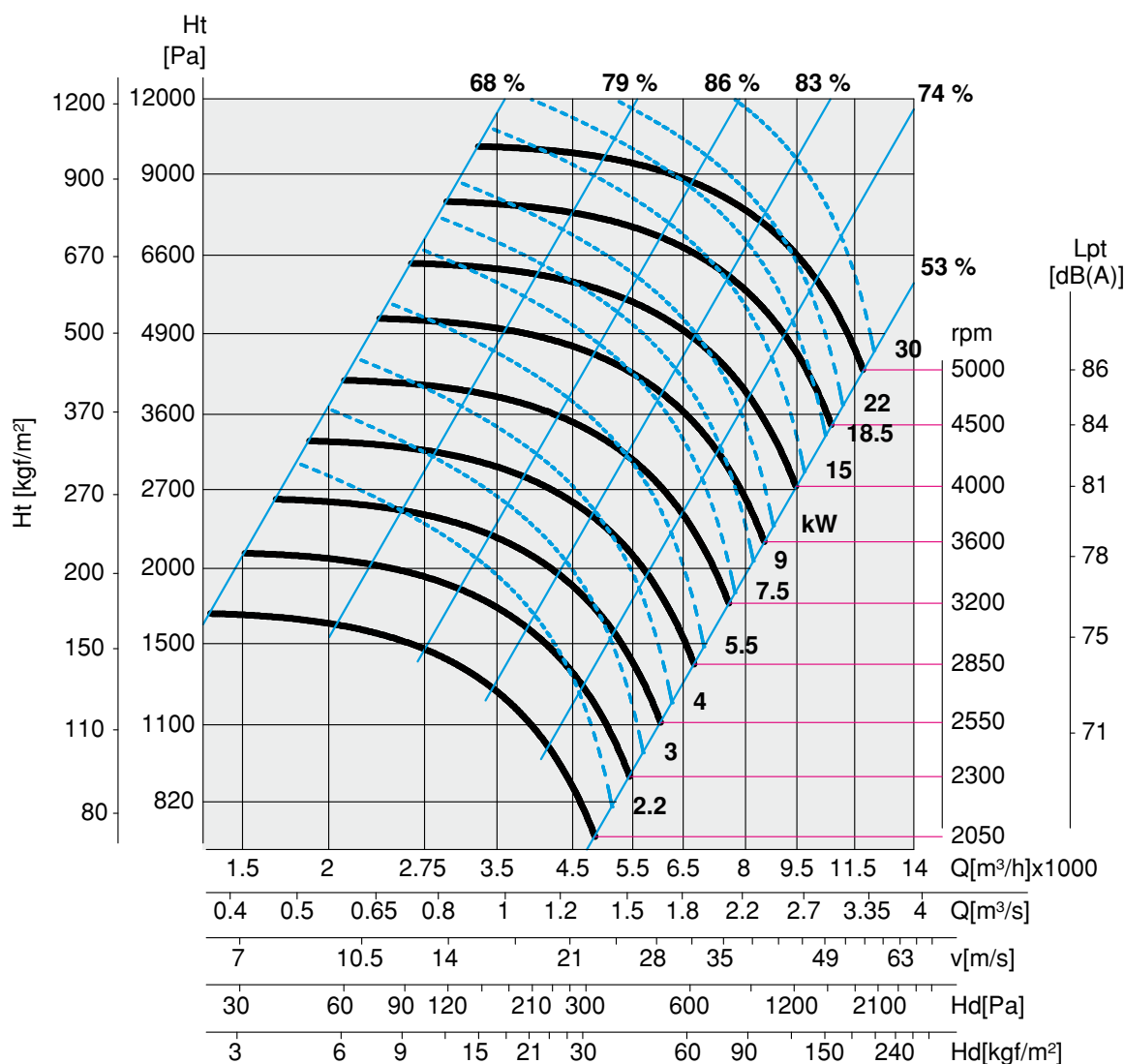
The item codes are those of products in Execution 4 and LG270.

## Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m³/h) | Pt min (mm H <sub>2</sub> O) | C max (m/s) | S (m²)  | Pd² (kgm²) | Mot. (Gr) |
|------|---------|--------------|------------------------------|-------------|---------|------------|-----------|
| PQ-L | 452-A   | 6880         | 150                          | 32,39       | 0,05904 | 1,20       | 132       |
| PQ-L | 452-B   | 4230         | 255                          | 19,91       | 0,05904 | 1,00       | 112       |

## Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 4950 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 4500 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 4000 | Alta temperatura/High temperature ( PQL-AT) |



Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

## PQ-L 50

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| 7PQ5015 | PQ-L | 502-A   | T | 2 | 11,00   | 20,40  | 55/F  | 76       |
| 7PQ5003 | PQ-L | 502-B   | T | 2 | 7,50    | 14,10  | 55/F  | 76       |

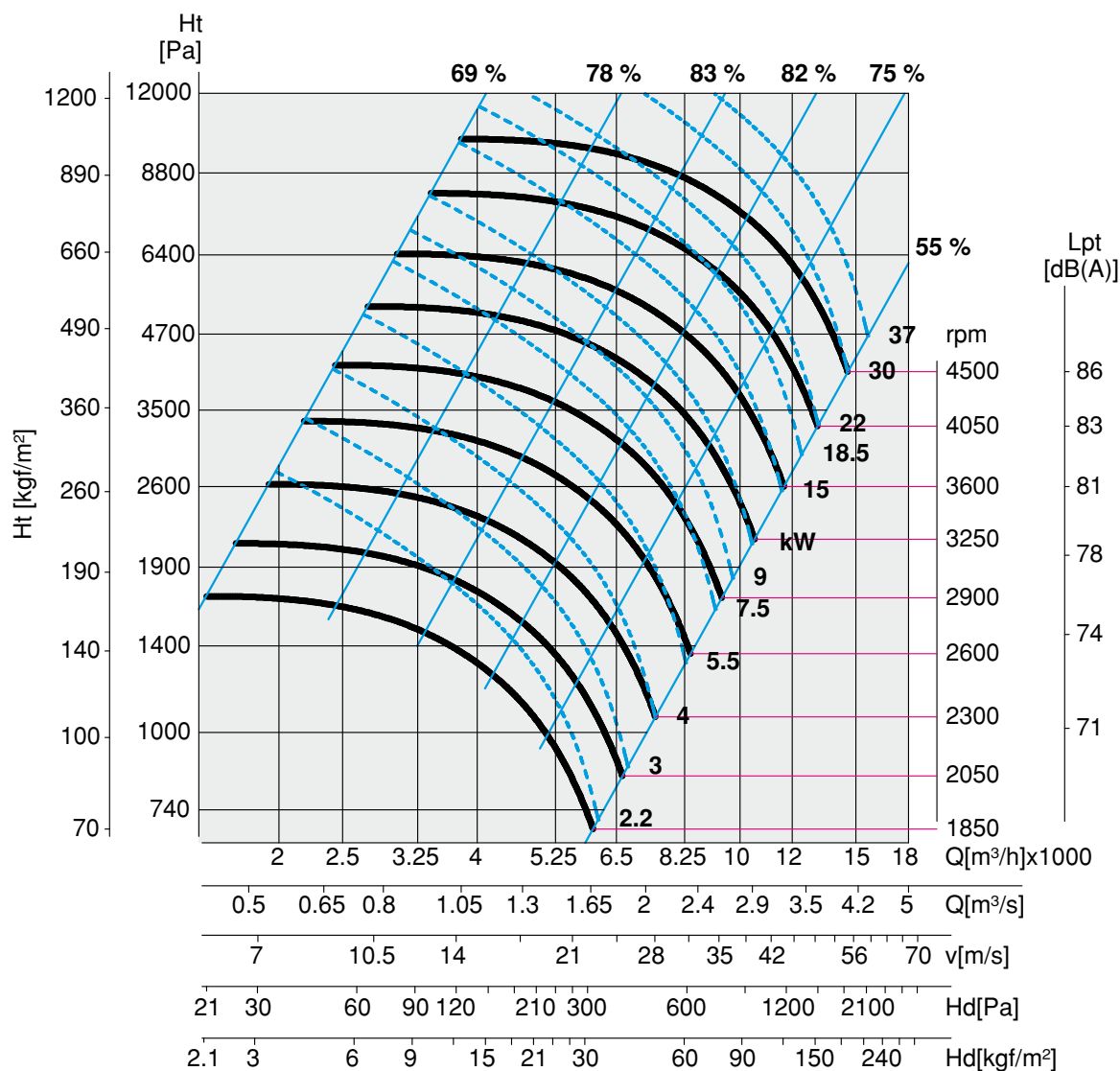
I codici si riferiscono a modelli con esecuzione 4 e LG270.  
The item codes are those of products in Execution 4 and LG270.

## Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m <sup>3</sup> /h) | Pt min (mm H <sub>2</sub> O) | C max (m/s) | S (m <sup>2</sup> ) | Pd <sup>2</sup> (kgm <sup>2</sup> ) | Mot. (Gr) |
|------|---------|---------------------------|------------------------------|-------------|---------------------|-------------------------------------|-----------|
| PQ-L | 502-A   | 9390                      | 175                          | 35,37       | 0,073738            | 2,30                                | 160       |
| PQ-L | 502-B   | 6180                      | 301                          | 23,28       | 0,073738            | 1,90                                | 132       |

## Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 4500 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 3950 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 3500 | Alta temperatura/High temperature ( PQL-AT) |



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Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801-AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m³.  
Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight.  
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

## PQ-L 56

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| 7PQ5612 | PQ-L | 562-A   | T | 2 | 15,00   | 27,50  | 55/F  | 81       |
| 7PQ5616 | PQ-L | 562-B   | T | 2 | 11,00   | 20,40  | 55/F  | 81       |
| 7PQ5618 | PQ-L | 564-A   | T | 4 | 2,20    | 5,40   | 55/F  | 65       |
| 7PQ5617 | PQ-L | 564-B   | T | 4 | 1,50    | 3,60   | 55/F  | 64       |

I codici si riferiscono a modelli con esecuzione 4 e LG270.

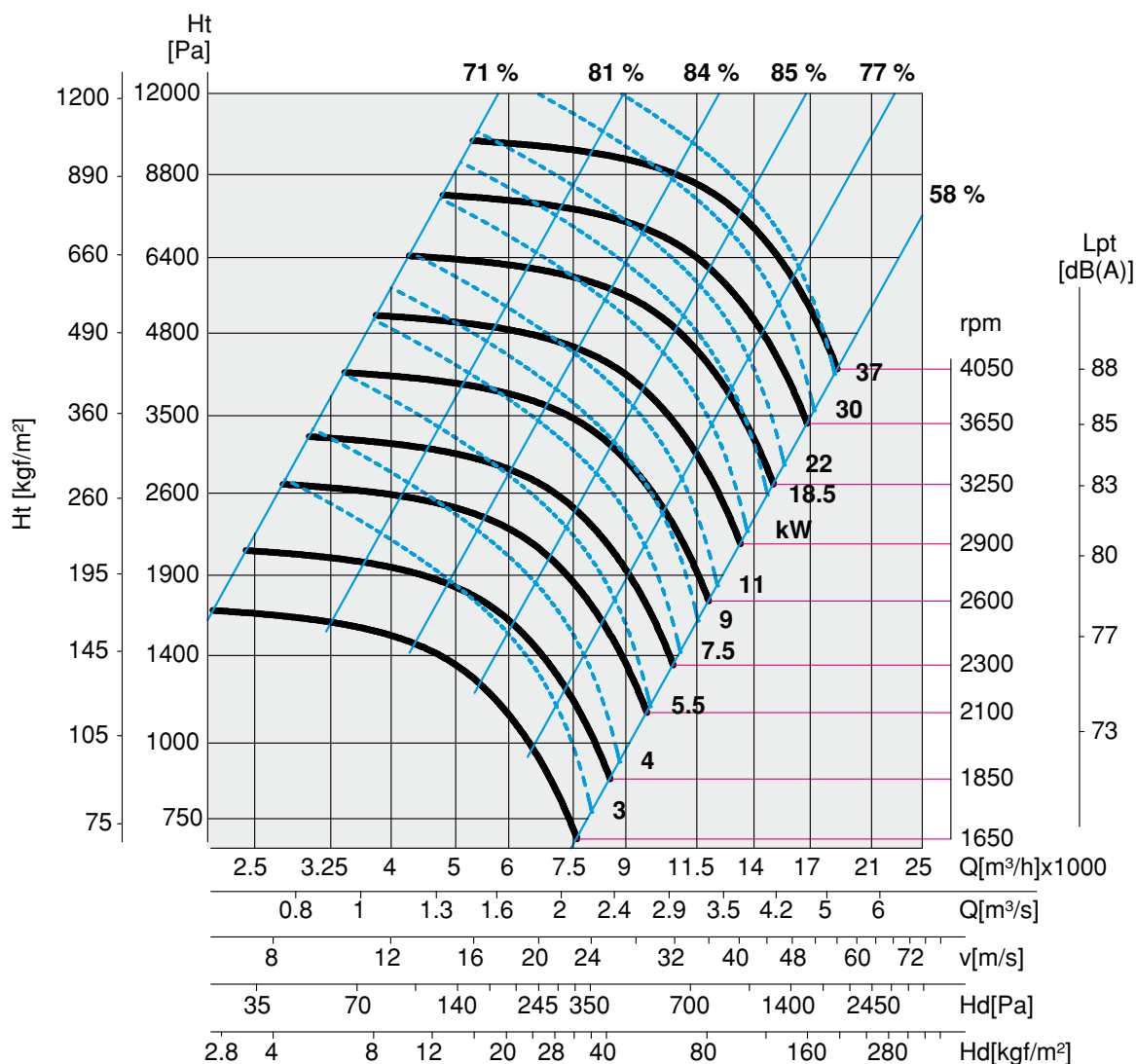
The item codes are those of products in Execution 4 and LG270.

## Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m³/h) | Pt min (mm H₂O) | C max (m/s) | S (m²)   | Pd² (kgm²) | Mot. (Gr) |
|------|---------|--------------|-----------------|-------------|----------|------------|-----------|
| PQ-L | 562-A   | 13400        | 224             | 40,29       | 0,092416 | 3,60       | 160       |
| PQ-L | 562-B   | 8440         | 384             | 25,37       | 0,092416 | 3,20       | 160       |
| PQ-L | 564-A   | 6620         | 54              | 19,90       | 0,092416 | 3,60       | 100       |
| PQ-L | 564-B   | 4080         | 90              | 12,28       | 0,092416 | 3,20       | 90        |

## Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 3950 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 3500 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 3125 | Alta temperatura/High temperature ( PQL-AT) |



Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

### PQ-L 63

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| 7PQ6317 | PQ-L | 632-A   | T | 2 | 30,00   | 53,50  | 55/F  | 83       |
| 7PQ6318 | PQ-L | 632-B   | T | 2 | 22,00   | 39,50  | 55/F  | 83       |
| 7PQ6316 | PQ-L | 634-A   | T | 4 | 4,00    | 8,50   | 55/F  | 66       |
| 7PQ6320 | PQ-L | 634-B   | T | 4 | 3,00    | 6,80   | 55/F  | 66       |

I codici si riferiscono a modelli con esecuzione 4 e LG270.

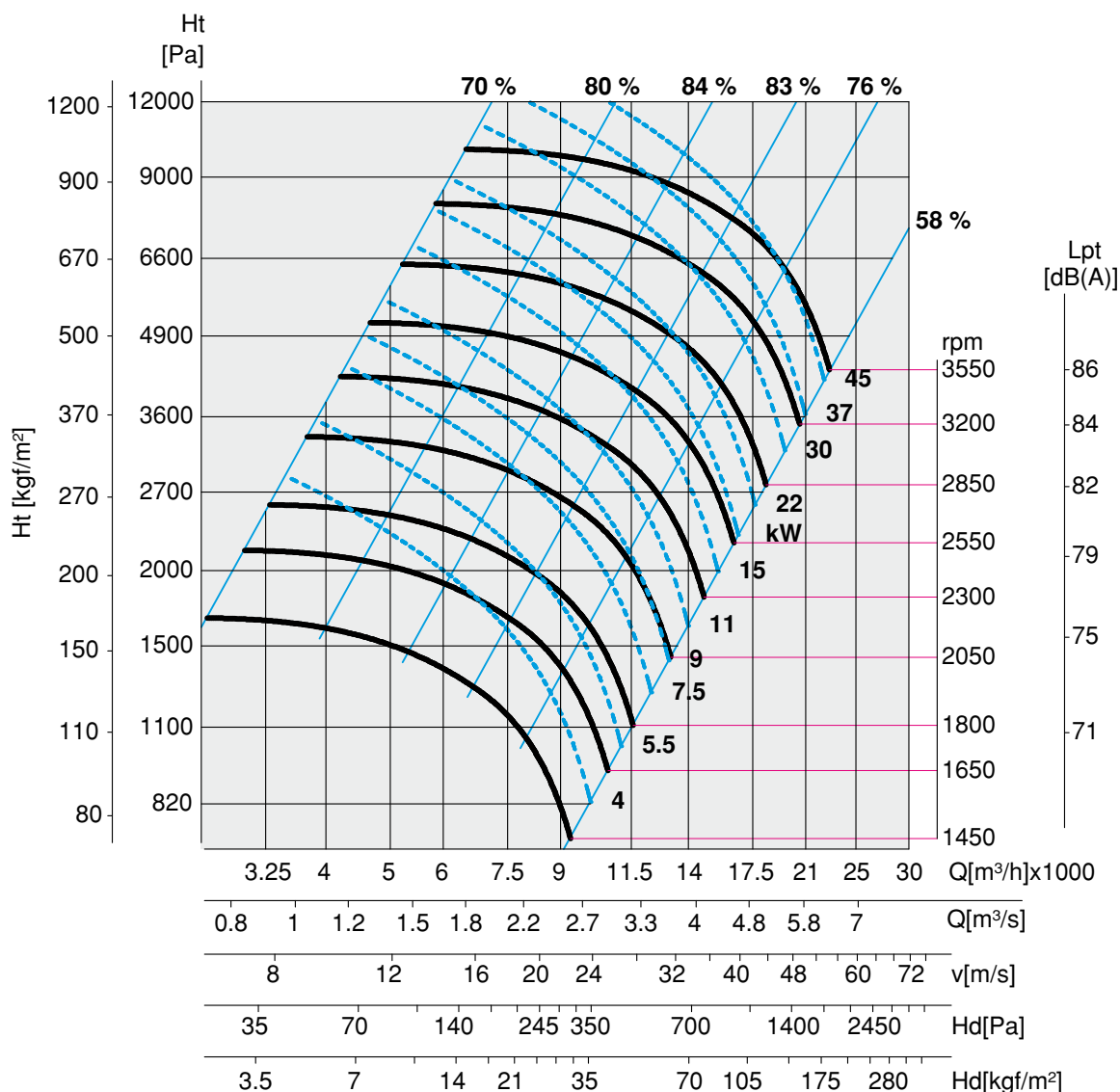
The item codes are those of products in Execution 4 and LG270.

### Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m <sup>3</sup> /h) | Pt min (mm H <sub>2</sub> O) | C max (m/s) | S (m <sup>2</sup> ) | Pd <sup>2</sup> (kgm <sup>2</sup> ) | Mot. (Gr) |
|------|---------|---------------------------|------------------------------|-------------|---------------------|-------------------------------------|-----------|
| PQ-L | 632-A   | 18960                     | 310                          | 45,27       | 0,116352            | 5,70                                | 200       |
| PQ-L | 632-B   | 11950                     | 490                          | 28,54       | 0,116352            | 5,00                                | 180       |
| PQ-L | 634-A   | 9260                      | 72                           | 22,10       | 0,116352            | 5,70                                | 112       |
| PQ-L | 634-B   | 5820                      | 116                          | 13,90       | 0,116352            | 5,00                                | 100       |

### Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 3500 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 3150 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 2850 | Alta temperatura/High temperature ( PQL-AT) |



58.2  
1.5



Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

### PQ-L 71

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| 7PQ7001 | PQ-L | 712-A   | T | 2 | 45,00   | 78,00  | 55/F  | 88       |
| 7PQ7000 | PQ-L | 712-B   | T | 2 | 37,00   | 65,00  | 55/F  | 88       |
| 7PQ7003 | PQ-L | 714-A   | T | 4 | 5,50    | 11,30  | 55/F  | 71       |
| 7PQ7002 | PQ-L | 714-B   | T | 4 | 4,00    | 8,50   | 55/F  | 71       |

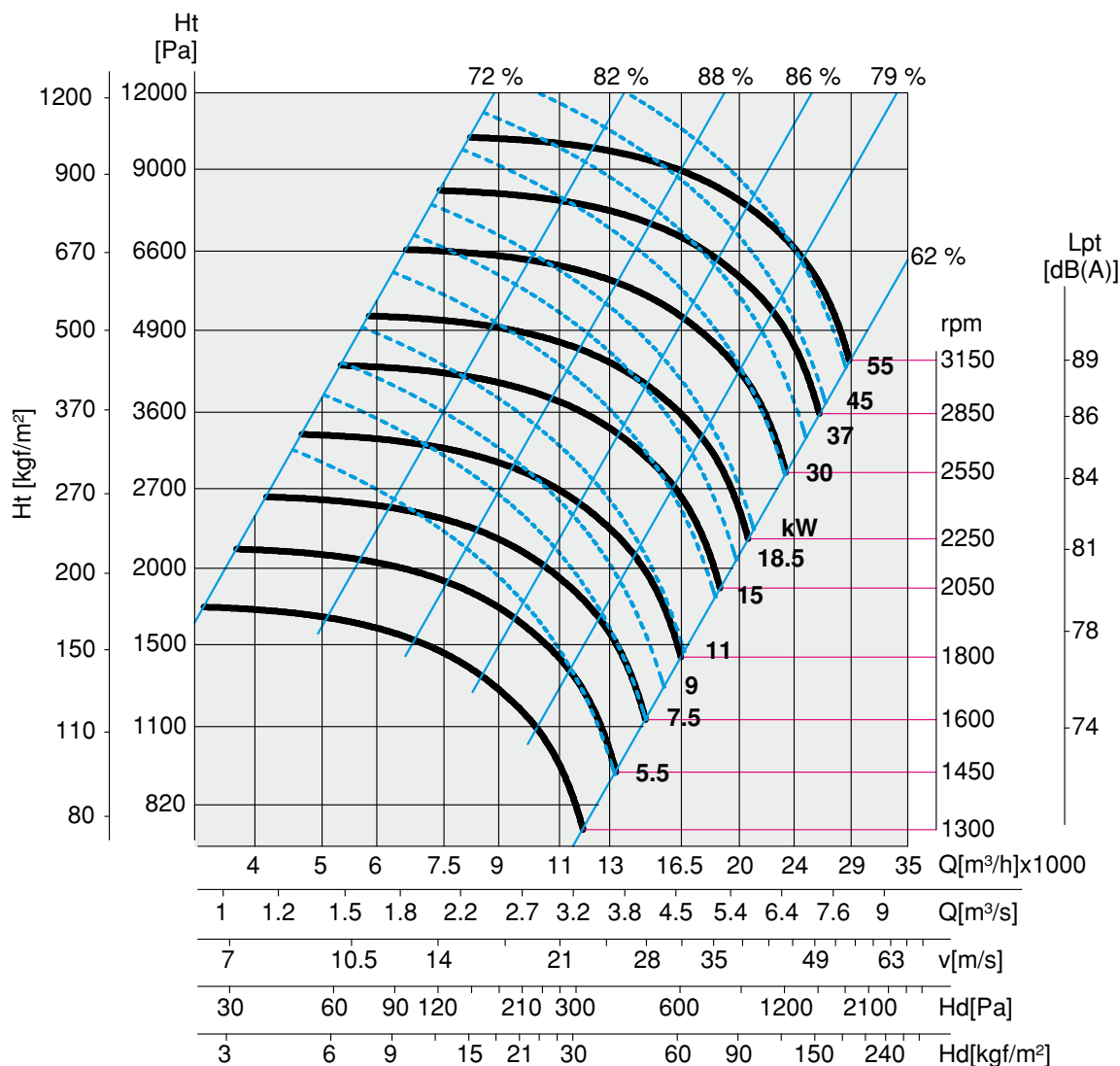
I codici si riferiscono a modelli con esecuzione 4 e LG270.  
The item codes are those of products in Execution 4 and LG270.

### Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m <sup>3</sup> /h) | Pt min (mm H <sub>2</sub> O) | C max (m/s) | S (m <sup>2</sup> ) | Pd <sup>2</sup> (kgm <sup>2</sup> ) | Mot. (Gr) |
|------|---------|---------------------------|------------------------------|-------------|---------------------|-------------------------------------|-----------|
| PQ-L | 712-A   | 27100                     | 399                          | 51,61       | 0,145866            | 11,00                               | 225       |
| PQ-L | 712-B   | 17000                     | 648                          | 32,37       | 0,145866            | 10,00                               | 200       |
| PQ-L | 714-A   | 13260                     | 95                           | 25,25       | 0,145866            | 11,00                               | 132       |
| PQ-L | 714-B   | 8270                      | 153                          | 15,76       | 0,145866            | 10,00                               | 112       |

### Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 3150 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 2780 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 2500 | Alta temperatura/High temperature ( PQL-AT) |



Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801-AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m³.  
Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight.  
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

### PQ-L 80

| Cod.        | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|-------------|------|---------|---|---|---------|--------|-------|----------|
| A RICHIESTA | PQ-L | 802-A   | T | 2 | 90,00   | 161,00 | 55/F  | 90       |
| A RICHIESTA | PQ-L | 802-B   | T | 2 | 75,00   | 132,00 | 55/F  | 90       |
| 7PQ8000     | PQ-L | 804-A   | T | 4 | 11,00   | 22,00  | 55/F  | 73       |
| 7PQ8006     | PQ-L | 804-B   | T | 4 | 7,50    | 14,70  | 55/F  | 73       |

I codici si riferiscono a modelli con esecuzione 4 e LG270.

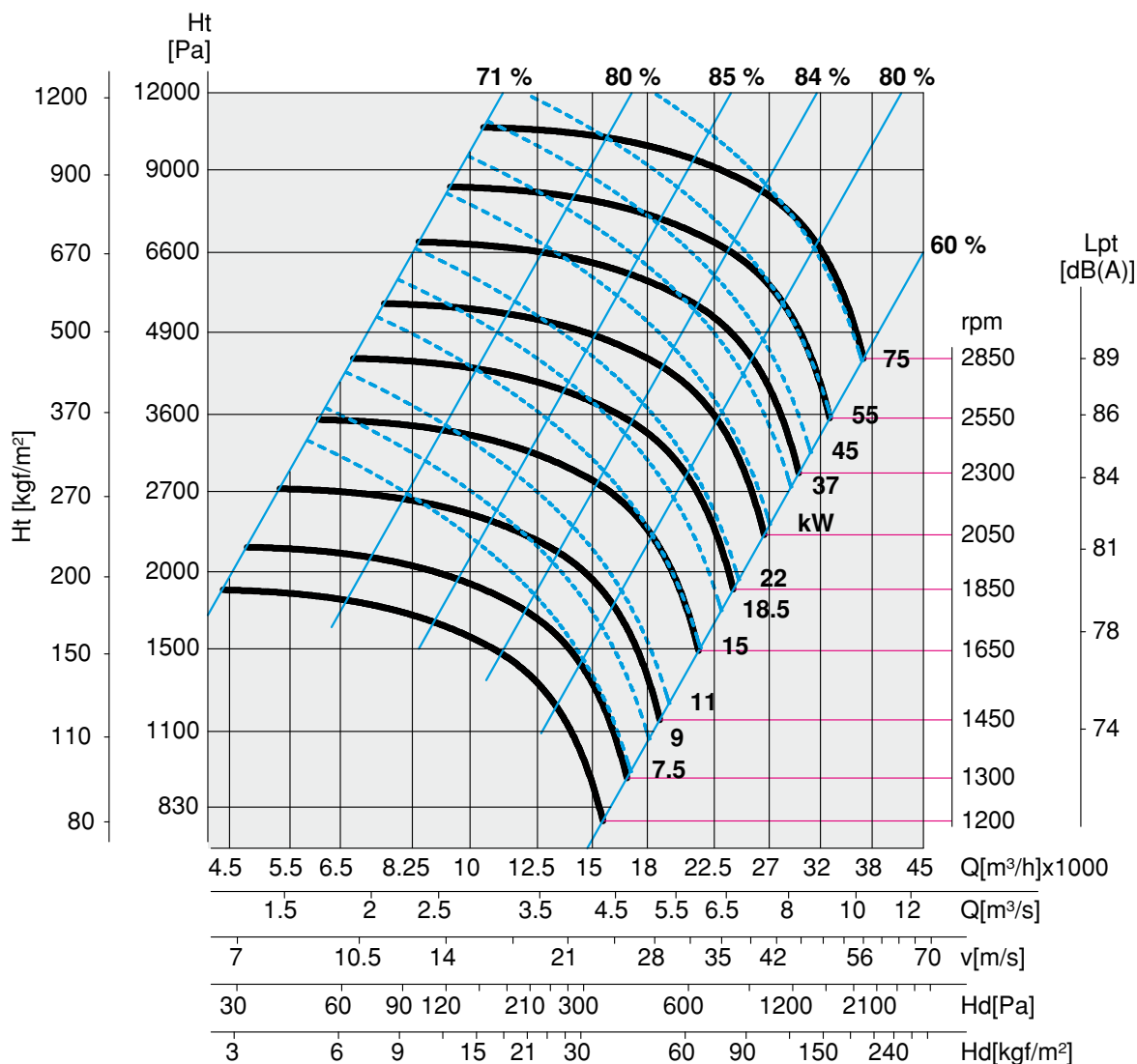
The item codes are those of products in Execution 4 and LG270.

### Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m³/h) | Pt min (mm H₂O) | C max (m/s) | S (m²)   | Pd² (kgm²) | Mot. (Gr) |
|------|---------|--------------|-----------------|-------------|----------|------------|-----------|
| PQ-L | 802-A   | 38280        | 502             | 58,09       | 0,183027 | 18,00      | 280       |
| PQ-L | 802-B   | 24300        | 832             | 36,89       | 0,183027 | 16,00      | 280       |
| PQ-L | 804-A   | 18800        | 119             | 28,53       | 0,183027 | 18,00      | 160       |
| PQ-L | 804-B   | 11870        | 198             | 18,02       | 0,183027 | 16,00      | 132       |

### Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 2800 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 2450 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 2220 | Alta temperatura/High temperature ( PQL-AT) |



SEZ.  
1.5

Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m³.  
Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight.  
Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

## PQ-L 90

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| (I)     | PQ-L | 902-A   | T | 2 | 160,00  | 267,00 | 55/F  | 96       |
| (I)     | PQ-L | 902-B   | T | 2 | 132,00  | 227,00 | 55/F  | 96       |
| 7PQ9108 | PQ-L | 904-A   | T | 4 | 22,00   | 41,00  | 55/F  | 79       |
| 7PQ9107 | PQ-L | 904-B   | T | 4 | 15,00   | 29,00  | 55/F  | 79       |
| (I)     | PQ-L | 906-A   | T | 6 | 5,50    | 12,30  | 55/F  | 70       |
| (I)     | PQ-L | 906-B   | T | 6 | 4,00    | 9,10   | 55/F  | 70       |

I codici si riferiscono a modelli con esecuzione 4 e LG270.

The item codes are those of products in Execution 4 and LG270.

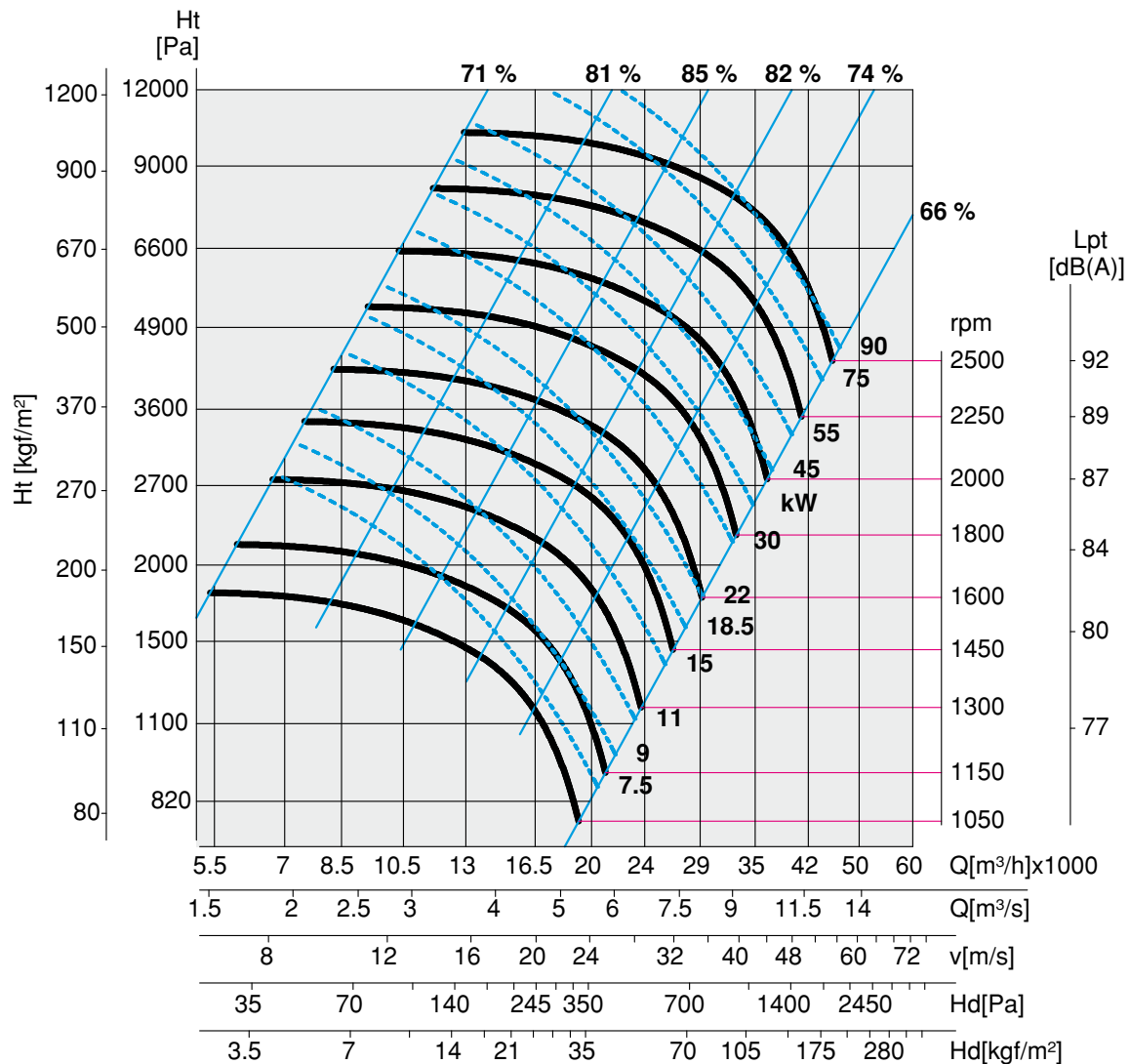
(I) Codici a richiesta. Item codes upon request.

## Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m³/h) | Pt min (mm H₂O) | C max (m/s) | S (m²)   | Pd² (kgm²) | Mot. (Gr) |
|------|---------|--------------|-----------------|-------------|----------|------------|-----------|
| PQ-L | 902-A   | 54200        | 633             | 65,49       | 0,229876 | 33,00      | 315       |
| PQ-L | 902-B   | 34340        | 1050            | 41,49       | 0,229876 | 27,00      | 315       |
| PQ-L | 904-A   | 26580        | 151             | 32,13       | 0,229876 | 33,00      | 180       |
| PQ-L | 904-B   | 16820        | 252             | 20,33       | 0,229876 | 27,00      | 160       |
| PQ-L | 906-A   | 17280        | 64              | 20,88       | 0,229876 | 33,00      | 132       |
| PQ-L | 906-B   | 10960        | 106             | 13,25       | 0,229876 | 27,00      | 132       |

## Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                |
|-------------------------------------|------|--------------------------------------------|
| 0°C – 100°C                         | 2500 | Standard                                   |
| 100°C – 200°C Es. 1-9-12            | 2250 | Alta temperatura/High temperature (PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 2000 | Alta temperatura/High temperature (PQL-AT) |



Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801-AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

## PQ-L 100

| Cod.    | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|---------|------|---------|---|---|---------|--------|-------|----------|
| 7PQ1005 | PQ-L | 1004-A  | T | 4 | 37,00   | 68,00  | 55/F  | 82       |
| 7PQ1008 | PQ-L | 1004-B  | T | 4 | 30,00   | 56,50  | 55/F  | 81       |
| 7PQ1013 | PQ-L | 1006-A  | T | 6 | 11,00   | 22,00  | 55/F  | 72       |
| 7PQ1012 | PQ-L | 1006-B  | T | 6 | 7,50    | 15,20  | 55/F  | 72       |

I codici si riferiscono a modelli con esecuzione 4 e LG270.

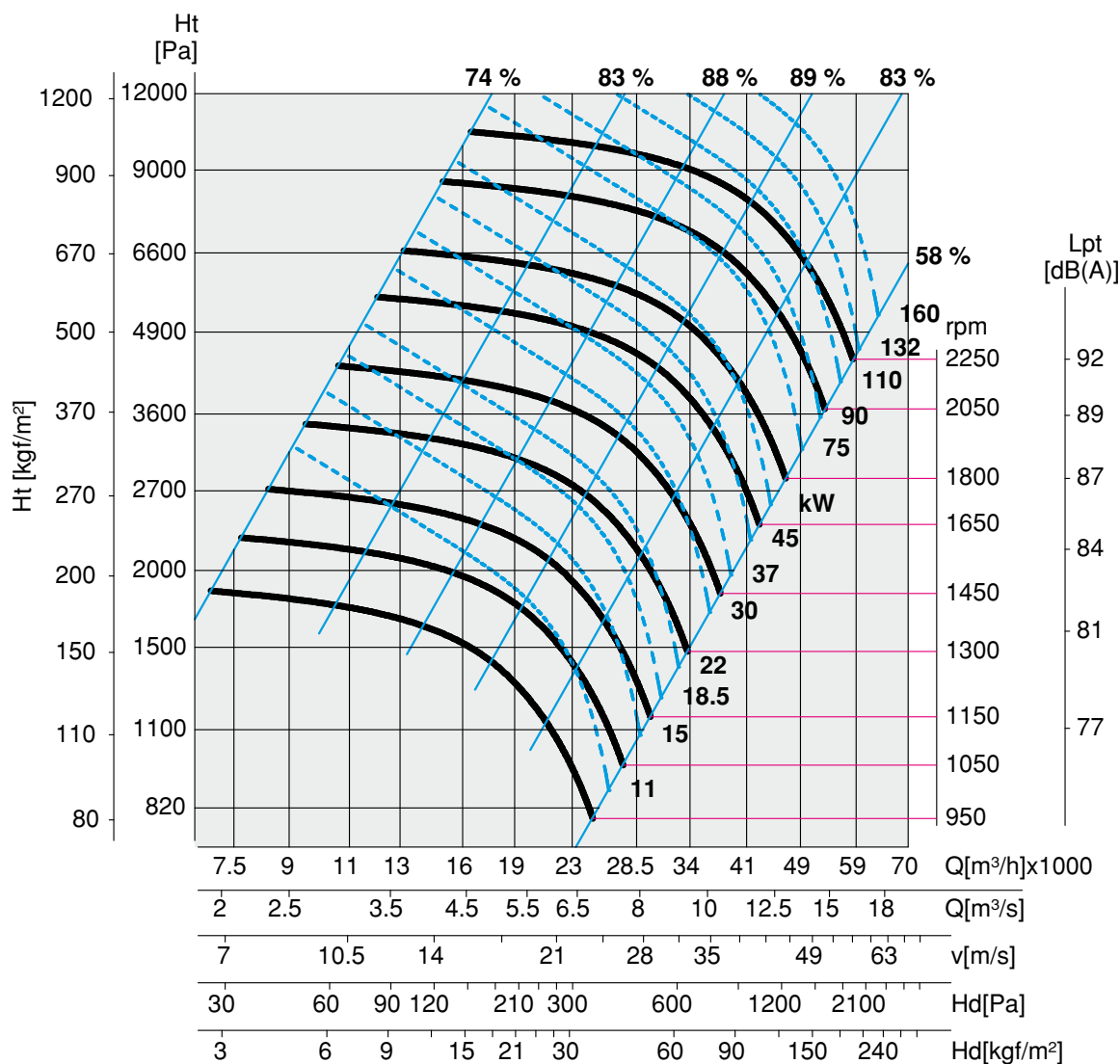
The item codes are those of products in Execution 4 and LG270.

## Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m <sup>3</sup> /h) | Pt min (mm H <sub>2</sub> O) | C max (m/s) | S (m <sup>2</sup> ) | Pd <sup>2</sup> (kgm <sup>2</sup> ) | Mot. (Gr) |
|------|---------|---------------------------|------------------------------|-------------|---------------------|-------------------------------------|-----------|
| PQ-L | 1004-A  | 38020                     | 194                          | 36,55       | 0,289014            | 50,00                               | 225       |
| PQ-L | 1004-B  | 24040                     | 329                          | 23,11       | 0,289014            | 45,00                               | 200       |
| PQ-L | 1006-A  | 24870                     | 82                           | 23,91       | 0,289014            | 50,00                               | 160       |
| PQ-L | 1006-B  | 15850                     | 142                          | 15,24       | 0,289014            | 45,00                               | 160       |

## Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 2230 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 2000 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 1800 | Alta temperatura/High temperature ( PQL-AT) |



SEZ.  
1.5

Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m<sup>3</sup>. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m<sup>3</sup> specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

### PQ-L 112

| Cod. | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|------|------|---------|---|---|---------|--------|-------|----------|
| (I)  | PQ-L | 1124-A  | T | 4 | 55,00   | 103,00 | 55/F  | 82       |
| (I)  | PQ-L | 1124-B  | T | 4 | 45,00   | 80,50  | 55/F  | 84       |
| (I)  | PQ-L | 1126-A  | T | 6 | 18,50   | 36,00  | 55/F  | 75       |
| (I)  | PQ-L | 1126-B  | T | 6 | 15,00   | 29,00  | 55/F  | 75       |

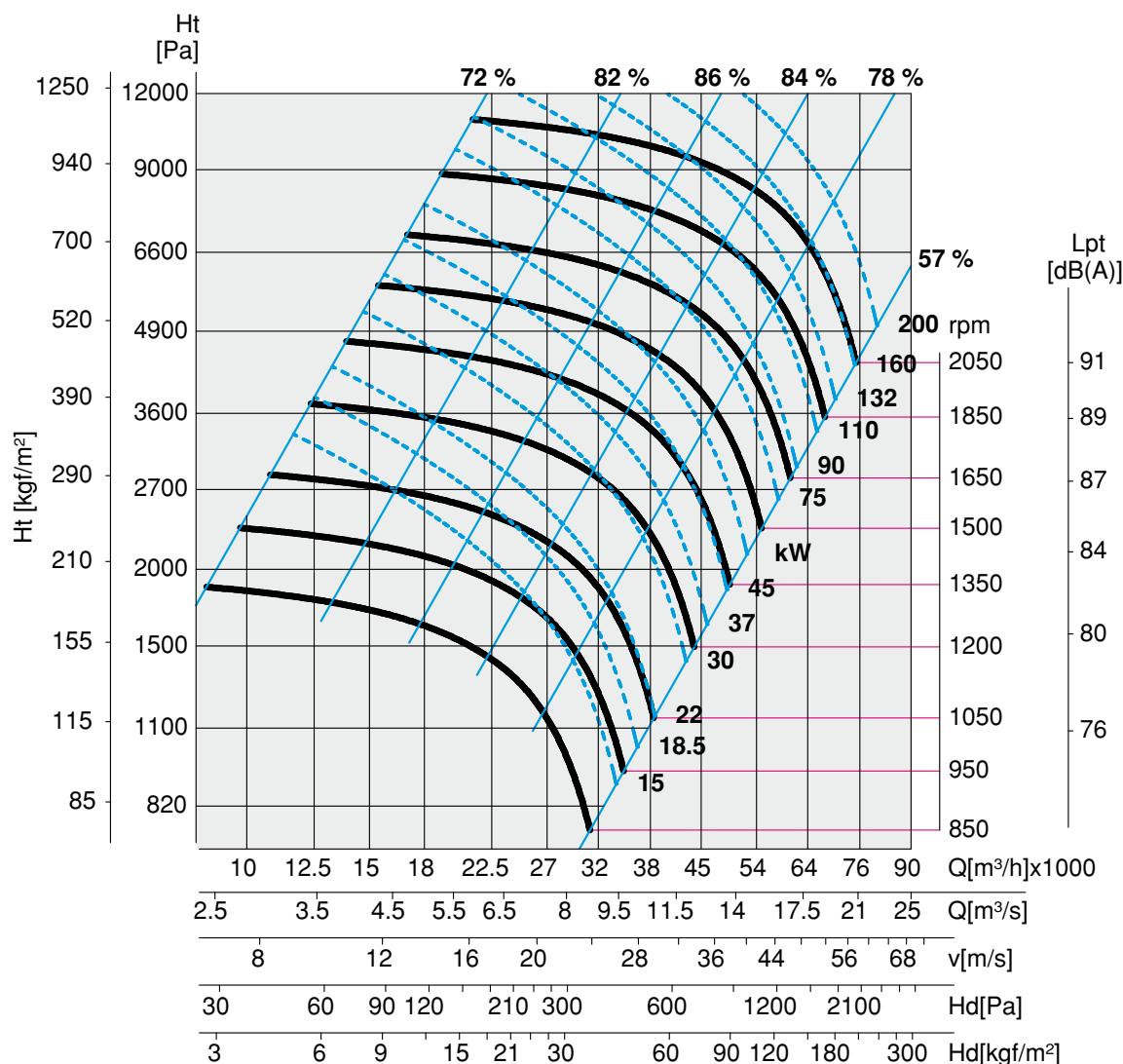
### Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m <sup>3</sup> /h) | Pt min (mm H <sub>2</sub> O) | C max (m/s) | S (m <sup>2</sup> ) | Pd <sup>2</sup> (kgm <sup>2</sup> ) | Mot. (Gr) |
|------|---------|---------------------------|------------------------------|-------------|---------------------|-------------------------------------|-----------|
| PQ-L | 1124-A  | 54000                     | 230                          | 41,39       | 0,362505            | 90,00                               | 250       |
| PQ-L | 1124-B  | 34060                     | 396                          | 26,10       | 0,362505            | 84,00                               | 225       |
| PQ-L | 1126-A  | 35660                     | 101                          | 27,33       | 0,362505            | 90,00                               | 200       |
| PQ-L | 1126-B  | 22570                     | 172                          | 17,30       | 0,362505            | 84,00                               | 180       |

(I) Codici a richiesta. *Item codes upon request.*

### Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 2000 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 1800 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 1600 | Alta temperatura/High temperature ( PQL-AT) |



Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801-AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m³. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

## PQ-L 125

| Cod. | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|------|------|---------|---|---|---------|--------|-------|----------|
| (I)  | PQ-L | 1254-A  | T | 4 | 110,00  | 192,00 | 55/F  | 88       |
| (I)  | PQ-L | 1254-B  | T | 4 | 75,00   | 134,00 | 55/F  | 86       |
| (I)  | PQ-L | 1256-A  | T | 6 | 30,00   | 56,00  | 55/F  | 79       |
| (I)  | PQ-L | 1256-B  | T | 6 | 22,00   | 42,50  | 55/F  | 79       |

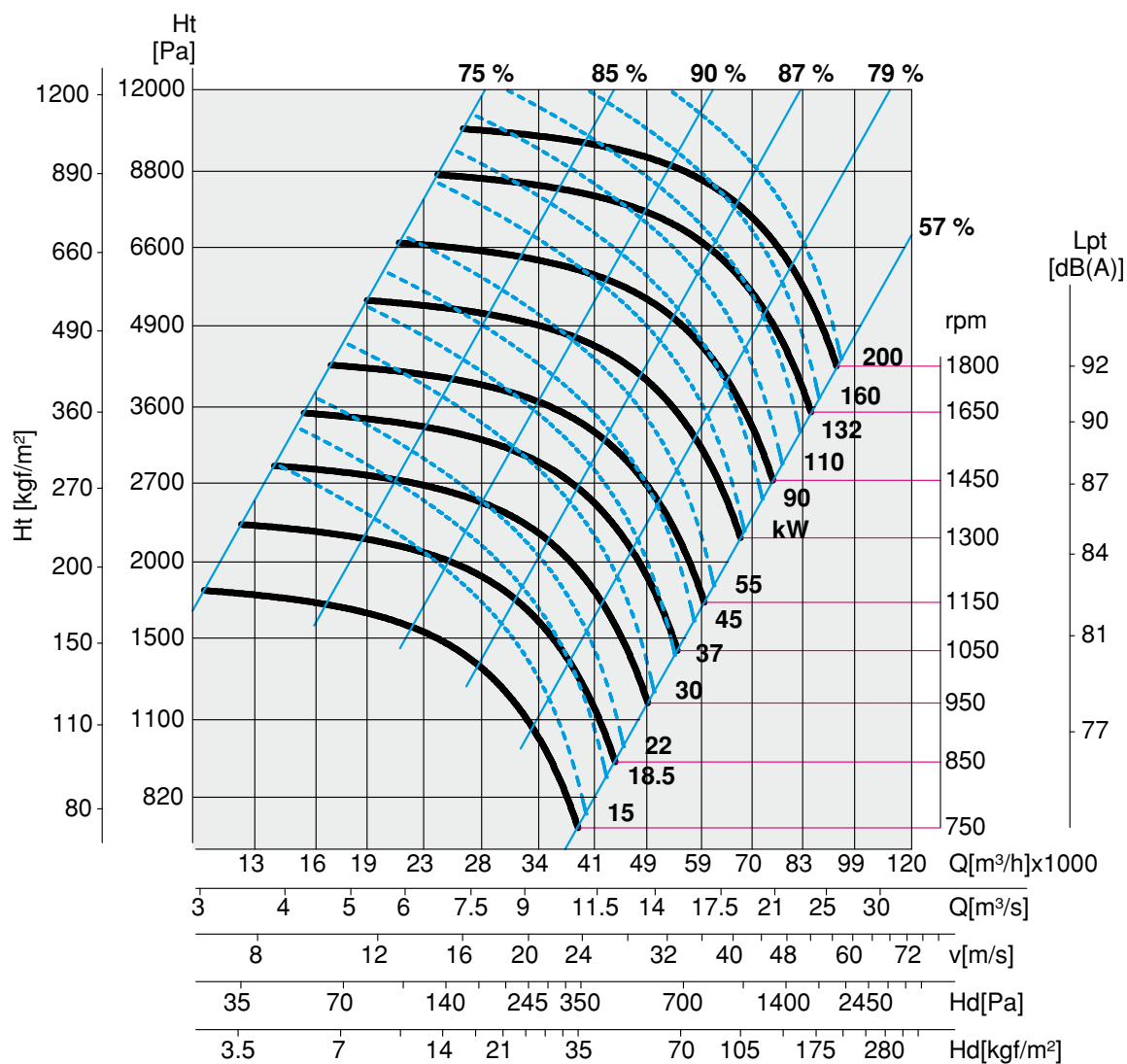
(I) Codici a richiesta. Item codes upon request.

## Limiti d'impiego - Operational limit

| Tipo | Modello | Q max (m³/h) | Pt min (mm H₂O) | C max (m/s) | S (m²)   | Pd² (kgm²) | Mot. (Gr) |
|------|---------|--------------|-----------------|-------------|----------|------------|-----------|
| PQ-L | 1254-A  | 76370        | 293             | 46,55       | 0,455769 | 160,00     | 315       |
| PQ-L | 1254-B  | 47500        | 502             | 28,95       | 0,455769 | 151,00     | 280       |
| PQ-L | 1256-A  | 50420        | 126             | 30,73       | 0,455769 | 160,00     | 225       |
| PQ-L | 1256-B  | 31120        | 284             | 18,97       | 0,455769 | 151,00     | 200       |

## Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 1800 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 1600 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 1400 | Alta temperatura/High temperature ( PQL-AT) |





Le prestazioni aerologiche sono rilevate in conformità alla norma EN ISO 5801/AMCA 210 con densità dell'aria standard avente peso specifico 1.2 kg/m³. Alimentazione 230V/1Ph/50Hz o 400V/3Ph/50Hz.

**Lp:** Livello di pressione sonora rilevato in condizioni di campo libero, propagazione semisferica, categoria di misura C a norma EN ISO 13349, nel punto di massimo rendimento, alla distanza di 1,5 metri e si presenta solo per fini comparativi.  
**Lw:** Livello di potenza sonora ottenuto secondo norma ISO 3746. Tolleranza +/- 3 dB(A).

Air performances measured according to EN ISO 5801 / AMCA 210 standard with air density with 1.2 kg/m³ specific weight. Power supply 230V/1Ph/50Hz or 400V/3Ph/50Hz.

**Lp:** Sound pressure level measured in free field conditions, propagation hemispherical, measurement category C in accordance with EN ISO 13349, at the point of maximum efficiency, at a distance of 1,5 meters (for comparative purposes only).  
**Lw:** Sound power level obtained in accordance with EN ISO 3746. Tolerance +/- 3 dB(A).

### PQ-L 140

| Cod. | Tipo | Modello | U | P | Pm (kW) | In (A) | IP/CL | Lp dB(A) |
|------|------|---------|---|---|---------|--------|-------|----------|
| (I)  | PQ-L | 1404-A  | T | 4 | 160,00  | 274,00 | 55/F  | 88       |
| (I)  | PQ-L | 1404-B  | T | 4 | 132,00  | 228,00 | 55/F  | 89       |
| (I)  | PQ-L | 1406-A  | T | 6 | 55,00   | 102,00 | 55/F  | 82       |
| (I)  | PQ-L | 1406-B  | T | 6 | 37,00   | 68,00  | 55/F  | 82       |

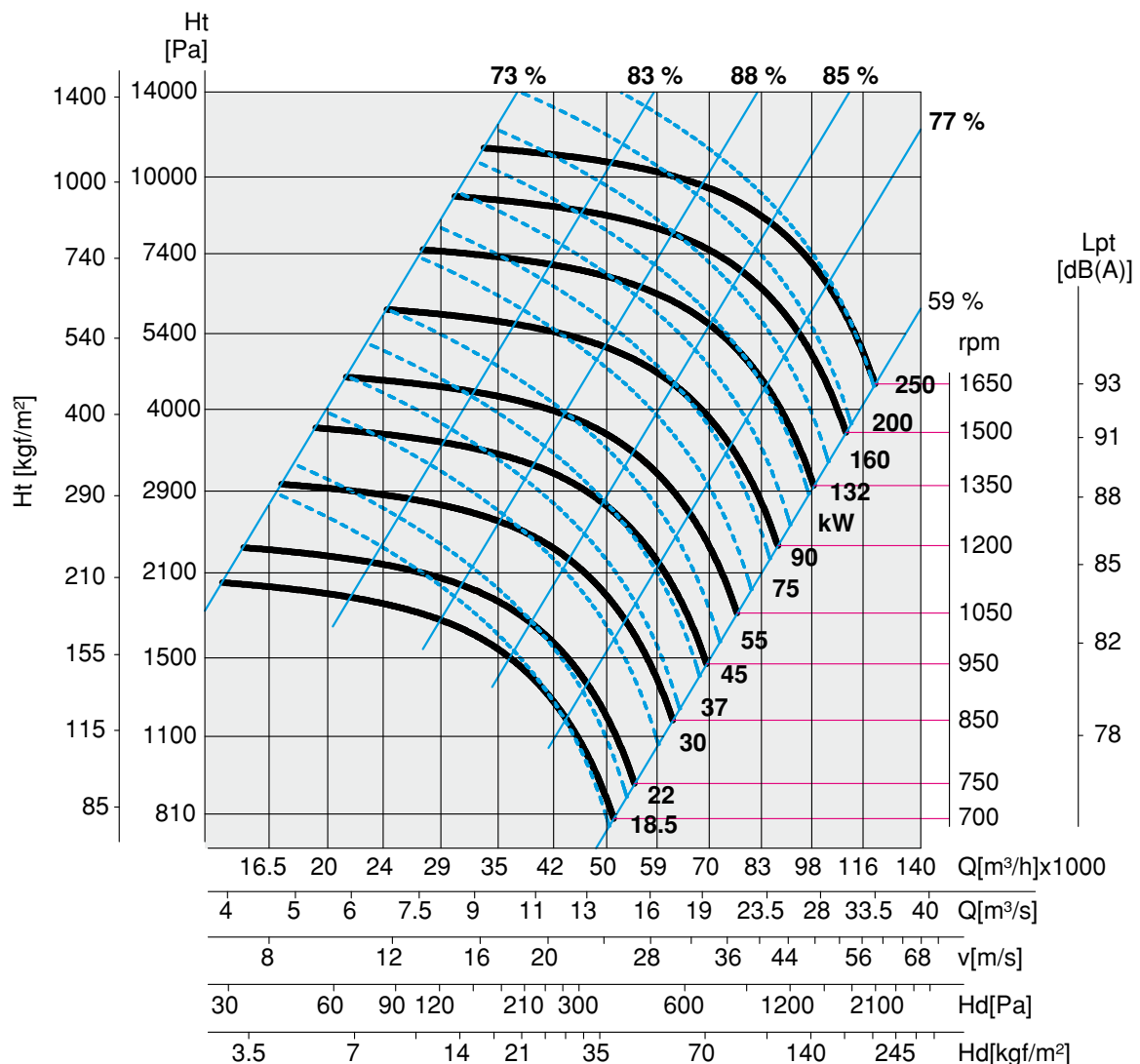
(I) Codici a richiesta. *Item codes upon request.*

### Limiti d'impiego - Operational limit

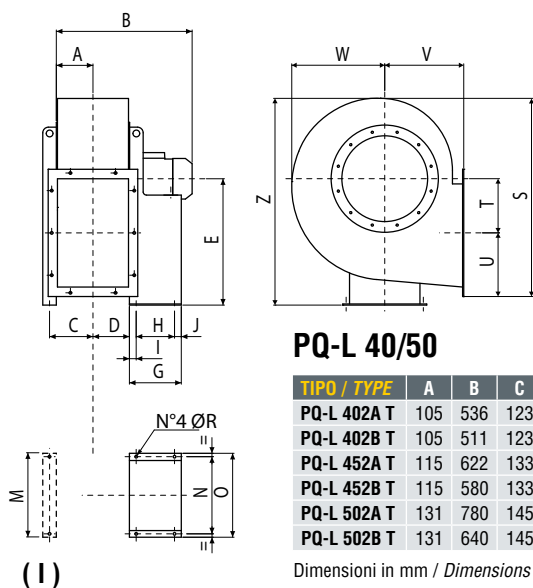
| Tipo | Modello | Q max (m³/h) | Pt min (mm H₂O) | C max (m/s) | S (m²)   | Pd² (kgm²) | Mot. (Gr) |
|------|---------|--------------|-----------------|-------------|----------|------------|-----------|
| PQ-L | 1404-A  | 108100       | 370             | 52,41       | 0,572924 | 266,00     | 315       |
| PQ-L | 1404-B  | 68270        | 654             | 33,10       | 0,572924 | 251,00     | 315       |
| PQ-L | 1406-A  | 71580        | 161             | 34,71       | 0,572924 | 266,00     | 280       |
| PQ-L | 1406-B  | 45340        | 283             | 21,99       | 0,572924 | 251,00     | 250       |

### Limite massimo dei giri in funzione della temperatura dell'aria - Maximum rpm with regard to air temperature

| Temperatura aria<br>Air temperature | rpm  | Costruzione<br>Construction                 |
|-------------------------------------|------|---------------------------------------------|
| 0°C – 100°C                         | 1600 | Standard                                    |
| 100°C – 200°C Es. 1-9-12            | 1380 | Alta temperatura/High temperature ( PQL-AT) |
| 200°C – 300°C Es. 1-9-12            | 1250 | Alta temperatura/High temperature ( PQL-AT) |



**ESECUZIONE / ARRANGEMENT - 4**

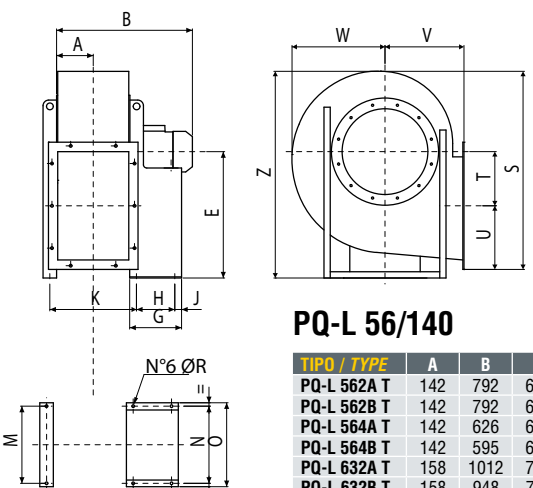


**PQ-L 40/50**

| TIPO / TYPE | A   | B   | C   | D   | E   | G   | H   | I  | J  | M   | N   | O   | R  | Z    | S   | T   | U   | V   | W   |
|-------------|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|----|------|-----|-----|-----|-----|-----|
| PQ-L 402A T | 105 | 536 | 123 | 97  | 500 | 276 | 197 | 30 | 49 | 445 | 289 | 324 | 12 | 815  | 798 | 319 | 164 | 285 | 400 |
| PQ-L 402B T | 105 | 511 | 123 | 97  | 500 | 246 | 133 | 30 | 58 | 445 | 289 | 324 | 12 | 815  | 798 | 319 | 164 | 285 | 400 |
| PQ-L 452A T | 115 | 622 | 133 | 107 | 560 | 336 | 237 | 40 | 59 | 495 | 337 | 372 | 12 | 914  | 895 | 357 | 184 | 320 | 445 |
| PQ-L 452B T | 115 | 580 | 133 | 107 | 560 | 276 | 197 | 40 | 49 | 495 | 337 | 372 | 12 | 914  | 895 | 357 | 184 | 320 | 445 |
| PQ-L 502A T | 131 | 780 | 145 | 119 | 600 | 436 | 337 | 50 | 49 | 545 | 395 | 440 | 14 | 1000 | 997 | 396 | 201 | 360 | 502 |
| PQ-L 502B T | 131 | 640 | 145 | 119 | 600 | 336 | 237 | 50 | 59 | 545 | 395 | 440 | 14 | 1000 | 997 | 396 | 201 | 360 | 502 |

Dimensioni in mm / Dimensions in mm

(I) Supporto anteriore opzionale fino al modello 500.  
The front support is optional up to model 500.

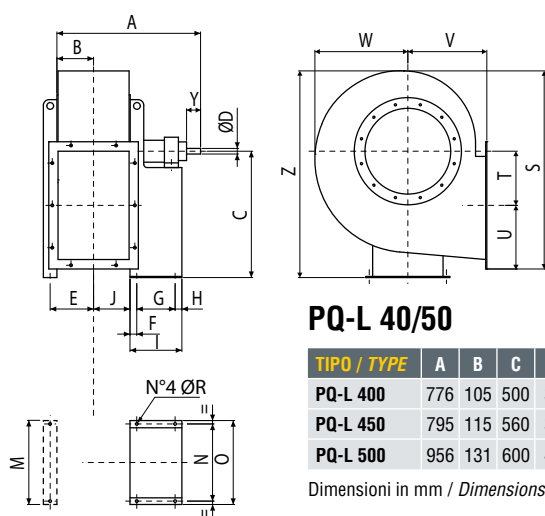


**PQ-L 56/140**

| TIPO / TYPE  | A   | B    | E    | G   | H    | J  | K   | N    | O    | R  | M    | Z    | S    | T    | U   | V    | W    |
|--------------|-----|------|------|-----|------|----|-----|------|------|----|------|------|------|------|-----|------|------|
| PQ-L 562A T  | 142 | 792  | 670  | 436 | 337  | 49 | 340 | 395  | 440  | 14 | 632  | 1155 | 1141 | 436  | 221 | 400  | 570  |
| PQ-L 562B T  | 142 | 792  | 670  | 436 | 337  | 49 | 340 | 395  | 440  | 14 | 632  | 1155 | 1141 | 436  | 221 | 400  | 570  |
| PQ-L 564A T  | 142 | 626  | 670  | 276 | 197  | 49 | 320 | 289  | 324  | 12 | 632  | 1155 | 1141 | 436  | 221 | 400  | 570  |
| PQ-L 564B T  | 142 | 595  | 670  | 246 | 133  | 58 | 345 | 289  | 324  | 12 | 632  | 1155 | 1141 | 436  | 221 | 400  | 570  |
| PQ-L 632A T  | 158 | 1012 | 750  | 500 | 381  | 39 | 402 | 506  | 568  | 20 | 702  | 1290 | 1272 | 490  | 242 | 450  | 630  |
| PQ-L 632B T  | 158 | 948  | 750  | 460 | 357  | 33 | 392 | 506  | 568  | 20 | 702  | 1290 | 1272 | 490  | 242 | 450  | 630  |
| PQ-L 634A T  | 158 | 678  | 750  | 276 | 197  | 49 | 352 | 289  | 324  | 12 | 702  | 1290 | 1272 | 490  | 242 | 450  | 630  |
| PQ-L 634B T  | 158 | 657  | 750  | 276 | 197  | 49 | 352 | 289  | 324  | 12 | 702  | 1290 | 1272 | 490  | 242 | 450  | 630  |
| PQ-L 712A T  | 185 | 1091 | 670  | 540 | 441  | 39 | 415 | 772  | 826  | 20 | 772  | 1446 | 1402 | 558  | 267 | 500  | 690  |
| PQ-L 712B T  | 185 | 1049 | 670  | 500 | 401  | 39 | 415 | 772  | 826  | 20 | 772  | 1446 | 1402 | 558  | 267 | 500  | 690  |
| PQ-L 714A T  | 185 | 755  | 670  | 337 | 201  | 76 | 415 | 772  | 826  | 20 | 772  | 1446 | 1402 | 558  | 267 | 500  | 690  |
| PQ-L 714B T  | 185 | 715  | 670  | 277 | 151  | 65 | 415 | 772  | 826  | 20 | 772  | 1446 | 1402 | 558  | 267 | 500  | 690  |
| PQ-L 802A T  | 199 | 1370 | 755  | 690 | 591  | 39 | 454 | 862  | 926  | 20 | 862  | 1622 | 1590 | 625  | 294 | 560  | 782  |
| PQ-L 802B T  | 199 | 1260 | 755  | 690 | 1260 | 39 | 454 | 862  | 926  | 20 | 862  | 1622 | 1590 | 625  | 294 | 560  | 782  |
| PQ-L 804A T  | 199 | 918  | 755  | 436 | 316  | 60 | 454 | 862  | 926  | 20 | 862  | 1622 | 1590 | 625  | 294 | 560  | 782  |
| PQ-L 804B T  | 199 | 813  | 755  | 336 | 813  | 75 | 454 | 862  | 926  | 20 | 862  | 1622 | 1590 | 625  | 294 | 560  | 782  |
| PQ-L 902A T  | 221 | 1516 | 850  | 800 | 675  | 39 | 497 | 962  | 1026 | 20 | 962  | 1781 | 1758 | 703  | 335 | 630  | 870  |
| PQ-L 902B T  | 221 | 1516 | 850  | 800 | 675  | 39 | 497 | 962  | 1026 | 20 | 962  | 1781 | 1758 | 703  | 335 | 630  | 870  |
| PQ-L 904A T  | 221 | 1094 | 850  | 460 | 361  | 39 | 497 | 962  | 1026 | 20 | 962  | 1781 | 1758 | 703  | 335 | 630  | 870  |
| PQ-L 904B T  | 221 | 962  | 850  | 436 | 316  | 60 | 497 | 962  | 1026 | 20 | 962  | 1781 | 1758 | 703  | 335 | 630  | 870  |
| PQ-L 906A T  | 221 | 857  | 850  | 336 | 201  | 75 | 497 | 962  | 1026 | 20 | 962  | 1781 | 1758 | 703  | 335 | 630  | 870  |
| PQ-L 906B T  | 221 | 857  | 850  | 336 | 201  | 75 | 497 | 962  | 1026 | 20 | 962  | 1781 | 1758 | 703  | 335 | 630  | 870  |
| PQ-L 1004A T | 246 | 1252 | 950  | 540 | 440  | 45 | 541 | 1056 | 1128 | 20 | 1056 | 1993 | 1973 | 791  | 369 | 710  | 976  |
| PQ-L 1004B T | 246 | 1219 | 950  | 500 | 400  | 45 | 541 | 1056 | 1128 | 20 | 1056 | 1993 | 1973 | 791  | 369 | 710  | 976  |
| PQ-L 1006A T | 246 | 1030 | 950  | 436 | 315  | 66 | 541 | 1056 | 1128 | 20 | 1056 | 1993 | 1973 | 791  | 369 | 710  | 976  |
| PQ-L 1006B T | 246 | 1030 | 950  | 436 | 315  | 66 | 541 | 1056 | 1128 | 20 | 1056 | 1993 | 1973 | 791  | 369 | 710  | 976  |
| PQ-L 1124A T | 277 | 1423 | 1060 | 600 | 475  | 45 | 632 | 1178 | 1268 | 24 | 1178 | 2252 | 2232 | 891  | 409 | 800  | 1084 |
| PQ-L 1124B T | 277 | 1315 | 1060 | 540 | 415  | 45 | 632 | 1178 | 1268 | 24 | 1178 | 2252 | 2232 | 891  | 409 | 800  | 1084 |
| PQ-L 1126A T | 277 | 1273 | 1060 | 500 | 375  | 45 | 632 | 1178 | 1268 | 24 | 1178 | 2252 | 2232 | 891  | 409 | 800  | 1084 |
| PQ-L 1126B T | 277 | 1216 | 1060 | 460 | 335  | 45 | 632 | 1178 | 1268 | 24 | 1178 | 2252 | 2232 | 891  | 409 | 800  | 1084 |
| PQ-L 1254A T | 310 | 1700 | 1190 | 800 | 675  | 45 | 694 | 1310 | 1400 | 24 | 1310 | 2548 | 2511 | 1003 | 461 | 900  | 1214 |
| PQ-L 1254B T | 310 | 1488 | 1190 | 690 | 565  | 45 | 690 | 1310 | 1400 | 24 | 1310 | 2548 | 2511 | 1003 | 461 | 900  | 1214 |
| PQ-L 1256A T | 310 | 1377 | 1190 | 540 | 415  | 45 | 694 | 1310 | 1400 | 24 | 1310 | 2548 | 2511 | 1003 | 461 | 900  | 1214 |
| PQ-L 1256B T | 310 | 1335 | 1190 | 500 | 375  | 45 | 500 | 1310 | 1400 | 24 | 1310 | 2548 | 2511 | 1003 | 461 | 900  | 1214 |
| PQ-L 1404A T | 344 | 1890 | 1320 | 800 | 645  | -  | -   | 1450 | 1560 | 24 | 1450 | 2845 | 2770 | 1116 | 509 | 1000 | 1325 |
| PQ-L 1404B T | 344 | 1890 | 1320 | 800 | 645  | -  | 783 | 1450 | 1560 | 24 | 1450 | 2845 | 2770 | 1116 | 509 | 1000 | 1325 |
| PQ-L 1406A T | 344 | 1600 | 1320 | 690 | 535  | -  | -   | 1450 | 1560 | 24 | 1450 | 2845 | 2770 | 1116 | 509 | 1000 | 1325 |
| PQ-L 1406B T | 344 | 1585 | 1320 | 600 | 475  | -  | 753 | 1450 | 1560 | 24 | 1450 | 2845 | 2770 | 1116 | 509 | 1000 | 1325 |

Dimensioni in mm / Dimensions in mm

**ESECUZIONE / ARRANGEMENT - 1**

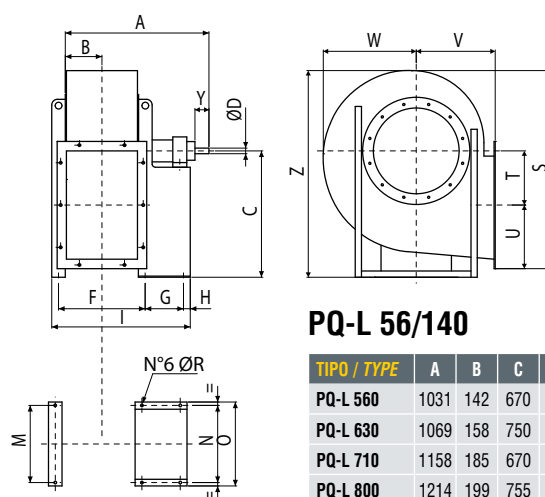


**PQ-L 40/50**

| TIPO / TYPE | A   | B   | C   | D  | E   | F  | G   | H  | I   | J   | Y  | M   | N   | O   | R  | S   | T   | U   | V   | W   | Z    |
|-------------|-----|-----|-----|----|-----|----|-----|----|-----|-----|----|-----|-----|-----|----|-----|-----|-----|-----|-----|------|
| PQ-L 400    | 776 | 105 | 500 | 38 | 123 | 50 | 407 | 28 | 485 | 97  | 38 | 445 | 355 | 400 | 14 | 798 | 319 | 164 | 285 | 400 | 815  |
| PQ-L 450    | 795 | 115 | 560 | 38 | 133 | 50 | 407 | 28 | 485 | 107 | 38 | 495 | 355 | 400 | 14 | 895 | 357 | 184 | 320 | 445 | 914  |
| PQ-L 500    | 956 | 131 | 600 | 42 | 145 | 50 | 477 | 33 | 560 | 119 | 42 | 545 | 364 | 418 | 17 | 997 | 396 | 201 | 360 | 502 | 1000 |

Dimensioni in mm / Dimensions in mm

(1) Supporto anteriore opzionale fino al modello 500.  
The front support is optional up to model 500.



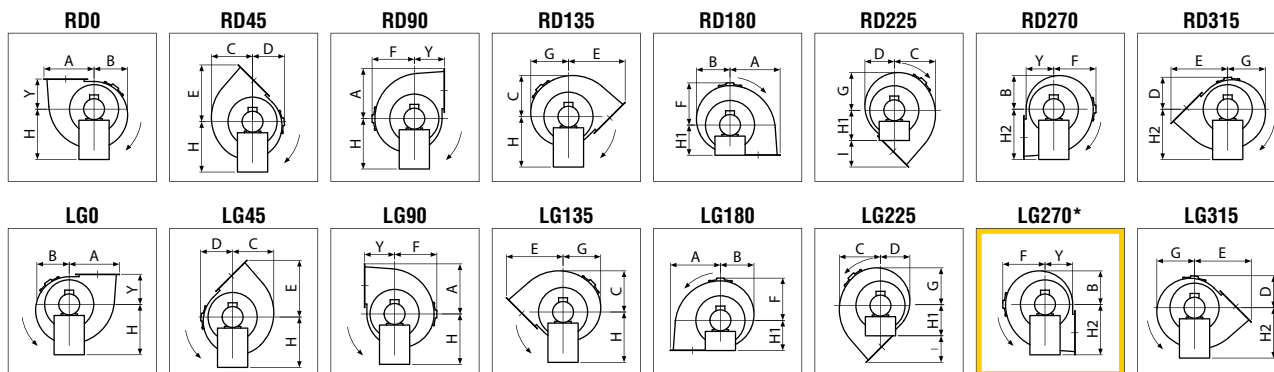
**PQ-L 56/140**

| TIPO / TYPE | A    | B   | C    | D  | F   | G   | H  | I    | Y  | M    | N    | O    | R  | S    | T    | U   | V    | W    | Z    |
|-------------|------|-----|------|----|-----|-----|----|------|----|------|------|------|----|------|------|-----|------|------|------|
| PQ-L 560    | 1031 | 142 | 670  | 48 | 341 | 477 | 33 | 873  | 48 | 632  | 632  | 692  | 17 | 1141 | 436  | 221 | 400  | 570  | 1155 |
| PQ-L 630    | 1069 | 158 | 750  | 48 | 372 | 477 | 33 | 905  | 48 | 702  | 702  | 762  | 17 | 1272 | 490  | 242 | 450  | 630  | 1290 |
| PQ-L 710    | 1158 | 185 | 670  | 48 | 415 | 551 | 39 | 1032 | 48 | 772  | 772  | 826  | 19 | 1402 | 558  | 267 | 500  | 690  | 1446 |
| PQ-L 800    | 1214 | 199 | 755  | 55 | 454 | 551 | 39 | 1091 | 55 | 862  | 862  | 926  | 19 | 1590 | 625  | 294 | 560  | 782  | 1622 |
| PQ-L 900    | 1257 | 221 | 850  | 55 | 497 | 551 | 39 | 1134 | 55 | 962  | 962  | 1026 | 19 | 1758 | 703  | 335 | 630  | 870  | 1781 |
| PQ-L 1000   | 1449 | 246 | 950  | 65 | 541 | 607 | 45 | 1260 | 65 | 1056 | 1056 | 1128 | 19 | 1973 | 791  | 369 | 710  | 976  | 1993 |
| PQ-L 1120   | 1649 | 277 | 1060 | 75 | 632 | 760 | 45 | 1492 | 75 | 1178 | 1178 | 1268 | 24 | 2232 | 891  | 409 | 800  | 1084 | 2252 |
| PQ-L 1250   | 1710 | 310 | 1190 | 75 | 694 | 760 | 45 | 1554 | 75 | 1310 | 1310 | 1400 | 24 | 2511 | 1003 | 461 | 900  | 1214 | 2548 |
| PQ-L 1400   | 1887 | 344 | 1320 | 80 | 783 | 780 | 55 | 1703 | 80 | 1450 | 1450 | 1560 | 24 | 2770 | 1116 | 509 | 1000 | 1325 | 2845 |

Dimensioni in mm / Dimensions in mm

Dimensioni dei modelli secondo l'orientamento.

*Dimensions of models according to the discharge angle.*



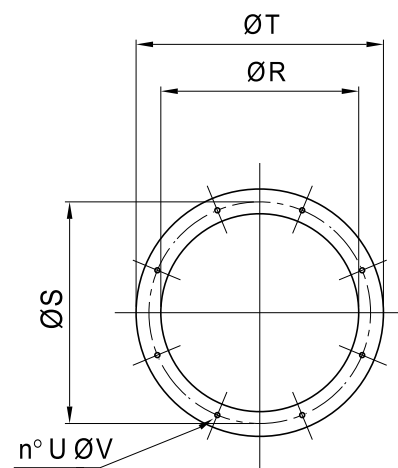
\* Versione standard / Standard version.

| TIPO/TYPE | A    | B    | C    | D   | E    | F    | G    | I   | Y    | H    | H1   | H2   |
|-----------|------|------|------|-----|------|------|------|-----|------|------|------|------|
| PQ-L 40   | 483  | 315  | 387  | 306 | 543  | 400  | 353  | 258 | 285  | 500  | 285  | 500  |
| PQ-L 45   | 541  | 354  | 435  | 342 | 609  | 445  | 398  | 289 | 320  | 560  | 320  | 560  |
| PQ-L 50   | 597  | 400  | 490  | 380 | 676  | 502  | 450  | 316 | 360  | 600  | 360  | 600  |
| PQ-L 56   | 657  | 485  | 555  | 425 | 747  | 570  | 542  | 347 | 400  | 670  | 400  | 670  |
| PQ-L 63   | 732  | 540  | 619  | 476 | 836  | 630  | 603  | 386 | 450  | 750  | 450  | 750  |
| PQ-L 71   | 825  | 578  | 719  | 497 | 937  | 690  | 662  | 437 | 500  | 670  | 500  | 850  |
| PQ-L 80   | 919  | 672  | 811  | 562 | 1045 | 782  | 749  | 485 | 560  | 755  | 560  | 950  |
| PQ-L 90   | 1038 | 721  | 905  | 633 | 1179 | 870  | 835  | 549 | 630  | 850  | 630  | 1060 |
| PQ-L 100  | 1160 | 813  | 1015 | 718 | 1322 | 976  | 936  | 612 | 710  | 950  | 710  | 1180 |
| PQ-L 112  | 1300 | 932  | 1123 | 793 | 1487 | 1084 | 1037 | 687 | 800  | 1060 | 800  | 1320 |
| PQ-L 125  | 1464 | 1048 | 1270 | 898 | 1671 | 1214 | 1163 | 771 | 900  | 1190 | 900  | 1500 |
| PQ-L 140  | 1625 | 1145 | 1395 | 990 | 1856 | 1325 | 1272 | 856 | 1000 | 1320 | 1000 | 1700 |

Dimensioni in mm / Dimensions in mm

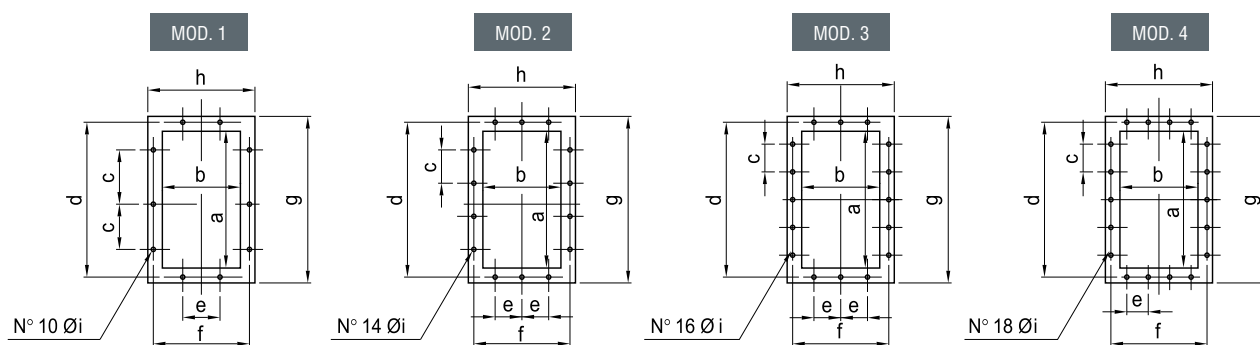
**BOCCA ASPIRANTE / INLET**

| TIPO/TYPE | ØR  | ØS  | ØT   | U  | ØV |
|-----------|-----|-----|------|----|----|
| 40        | 255 | 292 | 325  | 8  | 10 |
| 45        | 285 | 332 | 365  | 8  | 10 |
| 50        | 320 | 366 | 400  | 8  | 10 |
| 56        | 360 | 405 | 440  | 8  | 10 |
| 63        | 405 | 448 | 485  | 12 | 10 |
| 71        | 455 | 497 | 535  | 12 | 10 |
| 80        | 505 | 551 | 585  | 12 | 10 |
| 90        | 565 | 629 | 665  | 12 | 10 |
| 100       | 635 | 698 | 735  | 12 | 12 |
| 112       | 715 | 775 | 815  | 16 | 12 |
| 125       | 805 | 861 | 905  | 16 | 12 |
| 140       | 905 | 958 | 1005 | 16 | 12 |



Dimensioni in mm / Dimensions in mm

**BOCCA PREMENTE / OUTLET**



| TIPO/TYPE | a   | b   | c   | d   | e   | f   | g    | h   | i  | MOD. |
|-----------|-----|-----|-----|-----|-----|-----|------|-----|----|------|
| 40        | 258 | 185 | 112 | 292 | 112 | 219 | 328  | 255 | 12 | 1    |
| 45        | 288 | 205 | 125 | 332 | 125 | 249 | 368  | 285 | 12 | 1    |
| 50        | 322 | 229 | 125 | 366 | 125 | 273 | 402  | 309 | 12 | 1    |
| 56        | 361 | 256 | 125 | 405 | 125 | 300 | 441  | 336 | 12 | 1    |
| 63        | 404 | 288 | 125 | 448 | 125 | 332 | 484  | 368 | 12 | 2    |
| 71        | 453 | 322 | 125 | 497 | 125 | 366 | 533  | 402 | 12 | 2    |
| 80        | 507 | 361 | 125 | 551 | 125 | 405 | 587  | 441 | 12 | 2    |
| 90        | 569 | 404 | 160 | 629 | 160 | 464 | 669  | 504 | 14 | 2    |
| 100       | 638 | 453 | 160 | 698 | 160 | 513 | 738  | 553 | 14 | 2    |
| 112       | 715 | 507 | 160 | 775 | 160 | 567 | 815  | 607 | 14 | 3    |
| 125       | 801 | 569 | 200 | 871 | 200 | 639 | 921  | 689 | 14 | 2    |
| 140       | 898 | 638 | 200 | 968 | 200 | 708 | 1018 | 758 | 14 | 4    |

Dimensioni in mm / Dimensions in mm

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Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
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Красноярск (391)204-63-61  
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Рязань (4912)46-61-64  
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Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54

Сочи (862)225-72-31  
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Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
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Таджикистан (992)427-82-92-69

**Единый адрес для всех регионов: [dry@nt-rt.ru](mailto:dry@nt-rt.ru) || [www.ventair.nt-rt.ru](http://www.ventair.nt-rt.ru)**