

VENTILATORI DC

DC FANS | VENTILATEURS DC



PARTNERS



PELKO Motors



DC FAN 92X92X32

pag. 28



INDICE | Index | Index

DC FAN 25X25

DC FAN 25x25 | *DC FAN 25X25*



DC FAN 30X30

DC FAN 30x30 | *DC FAN 30x30*



DC FAN 40X40

DC FAN 40x40 | *DC FAN 40x40*



DC FAN 50X50

DC FAN 50x50 | *DC FAN 50x50*



DC FAN 60X60

DC FAN 60x60 | *DC FAN 60x60*



DC FAN 70X70

DC FAN 70x70 | *DC FAN 70x70*



DC FAN 80X80

DC FAN 80x80 | *DC FAN 80x80*



DC FAN 92X92

DC FAN 92x92 | *DC FAN 92x92*



DC FAN 120X120

DC FAN 120x120 | *DC FAN 120x120*



DC FAN 172X150

DC FAN 172x150 | *DC FAN 172x150*



INFORMAZIONI GENERALI | General Information | Informations Générales

ALIMENTAZIONE

I ventilatori in DC offrono la possibilità di essere alimentati ad una tensione compresa nell'intervallo specificato nelle caratteristiche tecniche (Range Tensione). La variazione della tensione di alimentazione permette di meglio adattare la portata d'aria del ventilatore ed il suo rumore alla necessità dell'applicazione.

CLASSE DI PROTEZIONE

I ventilatori in DC sono azionati da motore in Classe di isolamento B. Tutti i ventilatori sono conformi alle norme di Protezione Classe IP20. Su richiesta sono anche disponibili versioni in Classe di Protezione IP54/IP56/IP67.

DURATA DI VITA

Una peculiarità che distingue i ventilatori in DC è la lunga durata di vita. Infatti, grazie all'efficienza del pilotaggio "brushless" il carico termico sul sistema di rotazione è notevolmente ridotto e ciò apporta un considerevole aumento della vita del ventilatore.

PROTEZIONE ALL'INVERSIONE DI POLARITÀ

I ventilatori in DC hanno motori a commutazione elettronica e sono protetti rispetto ad un eventuale inversione di polarità. La parte elettronica risiede nel mozzo centrale del ventilatore.

FUNZIONI AGGIUNTIVE

Sono disponibili diverse funzioni aggiuntive per adattare i ventilatori DC alle necessità dell'applicazione specifica (vedi tabella pag. 9).

SUPPLY VOLTAGE

DC fans may be powered at a voltage value included within the range specified in the technical characteristics (Voltage range). The change in the power voltage allows to better adapt both the air flow of the fan and its noise to the application needs.

PROTECTION CLASS

DC fans with ball bearings and sleeve are powered by Class B insulated motors. All fans comply with the requirements of Protection Class IP20. Fans complying with IP54/IP56/IP67 and special protection classes are also available.

LIFE EXPECTANCY

The high product life expectancy is a distinctive feature of DC fan technology. The thermal load of the bearings is considerably reduced, thus increasing the life expectancy of the fans, thanks to the excellent efficiency of the brushless drives.

ELECTRONIC PROTECTION AGAINST REVERSE POLARITY

DC fans have electronically commutated drives with electronic protection against reverse polarity. The electronics are conveniently located in the fan hub.

ADDITIONAL FUNCTIONS

Various additional functions are available to adapt the DC fans to the needs of the specific application (see table on page 9).

ALIMENTATION

Les ventilateurs en DC offrent la possibilité d'être alimenté à une tension comprise dans l'intervalle spécifié dans les caractéristiques techniques (Gamme Tension). La variation de la tension d'alimentation permet de mieux adapter le Débit d'Air du ventilateur ainsi que son niveau sonore à la nécessité de l'application.

CLASSE DE PROTECTION

Les ventilateurs en DC sont actionnés par des moteurs de la Classe d'isolement B. Tous les ventilateurs sont conformes aux normes de Protection de la Classe IP20. Sur demande, les versions de la Classe de Protection IP54/IP56/IP67 sont également disponibles.

DUREE DE VIE

Une caractéristique qui distingue les ventilateurs en DC est leur longue durée de vie. En effet, grâce à l'efficacité du pilotage sans brosse, la charge thermique sur le système de rotation est considérablement réduite et ceci apporte une augmentation sensible de la durée de vie du ventilateur.

PROTECTION A L'INVERSION DE POLARITE

Les ventilateurs en DC ont des moteurs à commutation électronique et sont protégés par rapport à une éventuelle inversion de polarité. La partie électronique réside dans le moyeu central du ventilateur.

FONCTIONS ADDITIONNELLES

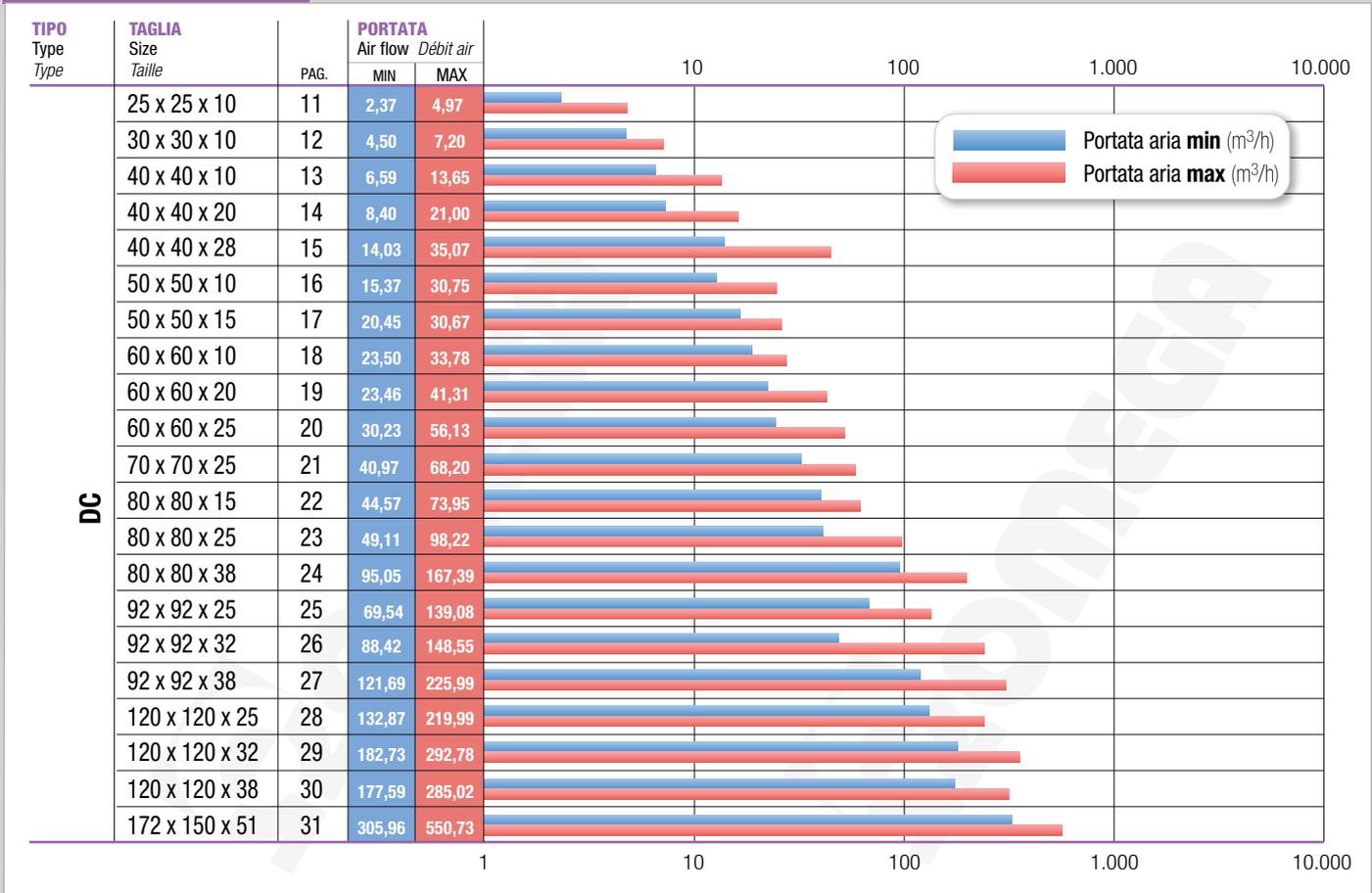
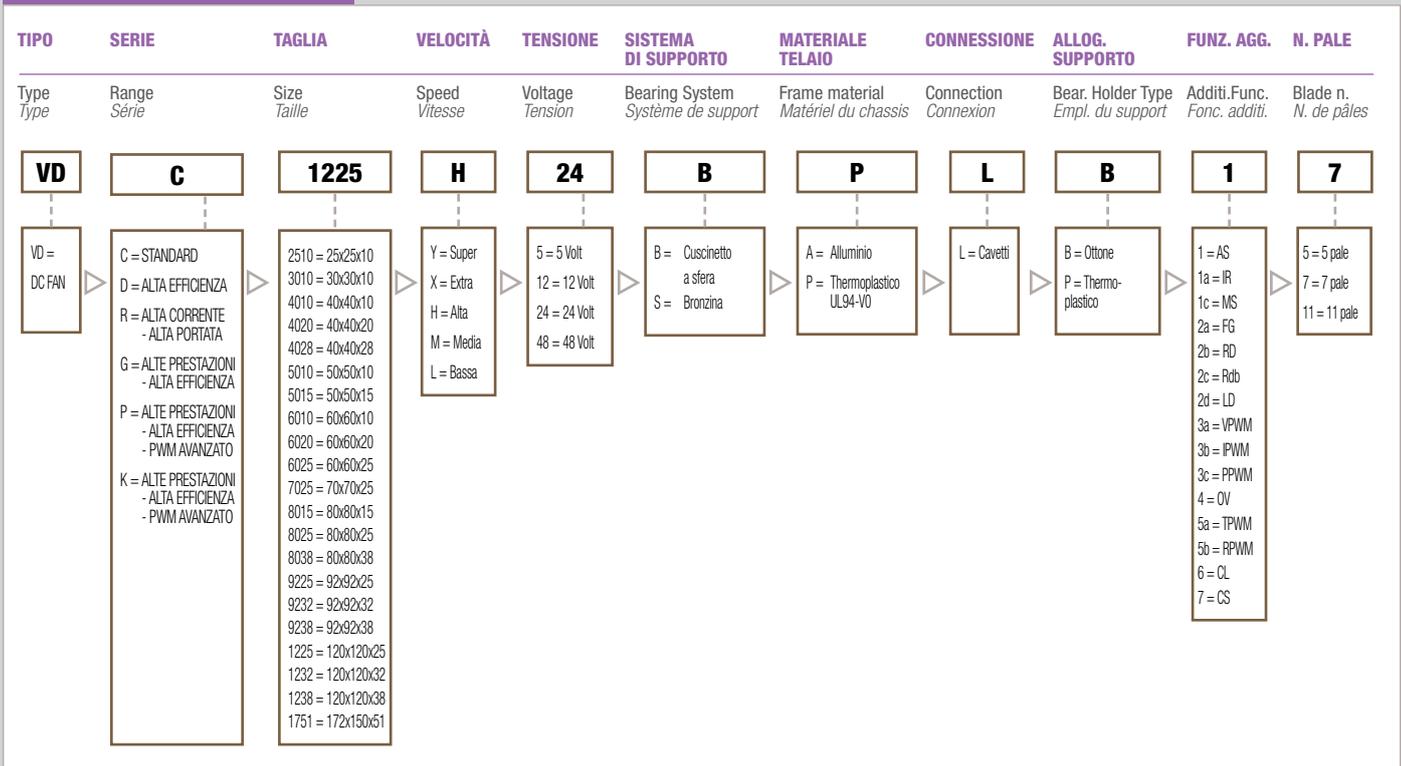
Diverses fonctions supplémentaires sont disponibles afin d'adapter les ventilateurs DC aux nécessités de l'application spécifique (voir tableau page 9).

SERIE Series | Série

| | | |
|---|---|--|
| <p>C Serie C – Ventilatori DC (Standard) Taglie da 25mm a 92mm (0.98in a 3.62in) per applicazioni STANDARD. Disponibili con diverse funzioni, tra cui auto restart, tachimetro e rilevamento rotazione. Tensioni: 5V, 12V e 24V. Portate d'aria: da 2,37 m³/h a 136,17m³/h (1,39 ~ 80,10 CFM)</p> | <p>C-Series (Standard) DC Fans 5mm to 92mm (0.98in to 3.62in) fan sizes for STANDARD applications. Available with multiple features, including auto restart, tachometer, and rotation detection. 5V, 12V, or 24V. Airflow Range: from 2,37 m³/h to 136,17m³/h (1,39 ~ 80,10 CFM)</p> | <p>Série C – Ventilateurs DC (Standard) Taille de 25mm à 92mm (0.98in à 3.62in) pour des applications STANDARDS. Disponibles avec différentes fonctions dont celles de réenclenchement automatique, tachymètre et détection de la rotation. Tensions: 5V, 12V et 24V. Débit d'Air: de 2,37 m³/h à 136,17m³/h (1,39 ~ 80,10 CFM)</p> |
| <p>D Serie D – Ventilatori DC (Alta Efficienza) Taglie da 40mm a 92mm (1.57in a 3.62in) per applicazioni che richiedono un BASSO CONSUMO d'energia. Un efficiente circuito differenziale a 4 commutatori riduce i picchi di tensione per operazioni fluide ed efficienti. Disponibili con diverse funzioni, tra cui la Modulazione ad Ampiezza d'Impulso (PWM). Tensioni: 24V o 48V. Portate d'aria: da 2,37 m³/h a 181,56 m³/h (1,39 ~ 106,80 CFM)</p> | <p>D-Series (High Efficiency) DC Fans 40mm to 92mm (1.57in to 3.62in) fan sizes for sensitive applications requiring LOW POWER consumption. Energy efficient DIFFERENTIAL 4-switch circuit design reduces voltage spikes and provides smooth and efficient operation. Available with multiple features, including Pulse Width Modulation (PWM). 24V or 48V. Airflow Range: from 2,37 m³/h to 181,56 m³/h (1,39 ~ 106,80 CFM)</p> | <p>Série D – Ventilateurs DC (Rendement Optimum) Taille de 40mm à 92mm (1.57in à 3.62in) pour des applications qui requièrent une BASSE CONSOMMATION d'énergie. Un circuit différentiel efficace à 4 commutateurs réduit les pics de tension pour des opérations fluides et performantes. Disponibles avec différentes fonctions parmi lesquelles la Modulation de Largeur d'Impulsion (MLI). Tensions: 24V ou 48V. Débit d'Air: de 2,37 m³/h à 181,56 m³/h (1,39 ~ 106,80 CFM)</p> |
| <p>R Serie R – Ventilatori DC (Alta Corrente - Alta Portata) Taglie da 60mm a 120mm (2.36in a 4.72in) per applicazioni STANDARD che richiedono una maggior portata d'aria. Disponibili con svariate funzioni per prestazioni migliori e operazioni affidabili tra cui la Modulazione ad Ampiezza d'Impulso (PWM). Tensioni: 5V, 12V, 24V, e 48V. Portate d'aria: da 23,46 m³/h a 285,02 m³/h (13,8 ~ 167,66 CFM)</p> | <p>R-Series (High Current - High Airflow) DC Fans 60mm to 120mm (2.36in to 4.72in) fan sizes for STANDARD applications requiring higher airflow. Available with multiple features for improved fan operation and performance including Pulse Width Modulation (PWM). 5V, 12V, 24V, or 48V. Airflow Range: from 23,46 m³/h to 285,02 m³/h (13,8 ~ 167,66 CFM)</p> | <p>Série R – Ventilateurs DC (Courant fort – Important Flux d'Air) Taille de 60mm à 120mm (2.36in à 4.72in) pour des applications STANDARDS qui requièrent un plus grand Débit d'Air. Disponibles avec de multiples fonctions pour de meilleures performances et des opérations fiables parmi lesquelles la Modulation de Largeur d'Impulsion (MLI). Tensions: 5V, 12V, 24V et 48V. Débit d'Air: de 23,46 m³/h à 285,02 m³/h (14 ~ 168 CFM)</p> |
| <p>G Serie G – Ventilatori DC (Alte Prestazioni - Alta Efficienza) Taglie da 92mm a 172mm (1.57in a 6.77in) per applicazioni gravose che richiedono Portate d'aria maggiori con ALTE PRESSIONI e BASSI CONSUMI. Disponibili con svariate funzioni per migliorare le prestazioni e le operazioni. Tensioni: 24V e 48V. Portate d'aria: da 88,42 m³/h a 549,26 m³/h (52,01 ~ 323,09 CFM)</p> | <p>G-Series (High Performance) 92mm to 172mm (1.57in to 6.77in) fan sizes for demanding applications requiring higher airflow with HIGH PRESSURE - LOW POWER consumption. Available with multiple features for improved fan operation and performance. 24V or 48V. Airflow Range: from 88,42 m³/h to 549,26 m³/h (52,01 ~ 323,09 CFM)</p> | <p>Série G – Ventilateurs DC (Hautes performances – Rendement Optimum) Taille de 92mm à 172mm (1.57in à 6.77in) pour des applications exigeantes qui requièrent des débits d'air importants avec de HAUTES PRESSIONS et de BASSES CONSOMMATIONS électriques. Disponibles avec de multiples fonctions afin d'améliorer les performances et les opérations. Tensions: 24V et 48V. Débit d'Air: de 88,42 m³/h à 549,26 m³/h (52,01 ~ 323,09 CFM)</p> |
| <p>P Serie P – Ventilatori DC (Alte Prestazioni - Alta Efficienza - PWM Avanzato) Taglie da 92mm a 172mm (1.57in a 6.77in) per applicazioni gravose che richiedono Portate d'aria maggiori con ALTE PRESSIONI e BASSI CONSUMI. Le funzioni disponibili includono la Modulazione ad Ampiezza d'Impulso Avanzata (PWM) ed altre funzioni per migliorare le prestazioni e l'efficienza. Tensioni: 12V, 24V, e 48V. Portate d'aria: da 39,27 m³/h a 636 m³/h (23,20 ~ 374,25 CFM)</p> | <p>P-Series (High Efficiency - High Performance - Advanced PWM) DC Fans 92mm to 172mm (1.57in to 6.77in) fan sizes for demanding applications requiring higher airflow with HIGH PRESSURE - LOW POWER consumption. Available features include Advanced Pulse Width Modulation (PWM) and extra fan features for improved efficiency and performance. 12V, 24V, or 48V. Airflow Range: from 39,27 m³/h to 636 m³/h (23,20 ~ 374,25 CFM)</p> | <p>Série P – Ventilateurs DC (Hautes Performances – Rendement Optimum – MLI Avancée) Taille de 92mm à 172mm (1.57in à 6.77in) pour des applications exigeantes qui requièrent d'importants débits d'air avec de HAUTES PRESSIONS et de BASSES CONSOMMATIONS d'énergie. Les fonctions disponibles incluent la Modulation de Largeur d'Impulsion Avancée (MLI) et d'autres fonctions pour améliorer les performances et l'efficacité. Tensions: 12V, 24V et 48V. Débit d'Air: de 39,27 m³/h à 636 m³/h (23,20 ~ 374,25 CFM)</p> |
| <p>K Serie K – Ventilatori DC (Altissime Prestazioni - Alta Efficienza - PWM Avanzato) Taglie da 80mm (3.15in), 92mm (3.62in) e 120mm (4.72in) per applicazioni molto gravose che richiedono prestazioni ancora maggiori con ALTISSIME Portate d'aria e ALTISSIME PRESSIONI. Le funzioni disponibili includono la Modulazione ad Ampiezza d'Impulso (PWM) ed altre funzioni per massime prestazioni ed efficienza. Tensioni: 12V, 24V, e 48V. Portate d'aria: da 9,27 m³/h a 472,17 m³/h (5,45 ~ 277,75 CFM)</p> | <p>K-Series (Extra High Performance - High Efficiency - Advanced PWM) DC Fans 80mm (3.15in), 92mm (3.62in), and 120mm (4.72in) fan sizes for very demanding applications requiring higher performance with EXTRA HIGH AIRFLOW and EXTRA HIGH PRESSURE. Available features include Advanced Pulse Width Modulation (PWM) and extra fan features for maximum performance and efficiency. 12V, 24V, or 48V. Airflow Range: from 9,27 m³/h to 472,17 m³/h (5,45 ~ 277,75 CFM)</p> | <p>Série K – Ventilateurs DC (Très Hautes Prestations – Rendement Optimum – MLI Avancée) Taille de 80mm (3.15in), 92mm (3.62in) et 120mm (4.72in) pour des applications très exigeantes qui requièrent des prestations supplémentaires avec de TRES FORTS Débits D'AIR et DE TRES HAUTES PRESSIONS. Les fonctions disponibles incluent la Modulation de Largeur d'Impulsion (MLI) et d'autres fonctions pour de meilleures performances et une efficacité maximale. Tensions: 12V, 24V et 48V. Débit d'Air: de 9,27 m³/h à 472,17 m³/h (5,45 ~ 277,75 CFM)</p> |

TABELLA DELLE FUNZIONI AGGIUNTIVE | Function index | *Tableau des fonctions additionnelles*

| # | ABBR. Abr. Abrév | FUNZIONE Function Name Fonction | DESCRIZIONE Function Description Description | COLORE FILO Wire Colour Couleur du Fil |
|----|------------------------|--|--|--|
| 1a | IR | Protezione Corrente di Spunto Inrush Current Protection Protection Courant de Pointe | Alla partenza la corrente viene applicata gradualmente. At Start up the current is applied gradually (soft start). Au départ le courant est appliqué graduellement. | Nessun filo No external wire Aucun fil |
| 1b | AS | Ripartenza automatica Auto Restart Réenclenchement automatique | Se il ventilatore si blocca la corrente è ridotta a zero. Il ventilatore tenta di ripartire dopo pochi secondi. The current is reduced to zero when the fan is blocked and the fan is attempting to restart after few seconds. Si le ventilateur se bloque, le courant est réduit à zéro. Le ventilateur tente de repartir après quelques secondes. | Nessun filo No external wire Aucun fil |
| 1c | MS | Ripartenza Manuale Manual Restart Réenclenchement Manuel | Se il ventilatore si blocca la corrente è ridotta a zero. Per farlo ripartire bisogna spegnere e riaccendere. The current is reduced to zero when the fan is blocked. To restart the fan the power must be turned "off" and "on" again. Si le ventilateur se bloque, le courant est réduit à zéro. Pour le faire repartir, il faut l'éteindre et le rallumer. | Nessun filo No external wire Aucun fil |
| 4 | OV | Protezione Sovratensioni Over Voltage Protection Protection Surtensions | Protegge il ventilatore da tensioni applicate fino al doppio della tensione nominale. Fan is protected if the applied voltage is up to twice the rated operating voltage. Protège le ventilateur des tensions appliquées en double de la tension nominale. | Nessun filo No external wire Aucun fil |
| 2a | FG | Generatore di Frequenza Frequency Generator Générateur de Fréquence | Segnale di uscita che monitora la velocità. An output signal is provided in order to monitor the fan speed. Signal de sortie qui contrôle la vitesse. | Giallo Yellow Jaune |
| 2b | RD | Rilevamento Rotazione Rotation Detection Relèvement Rotation | Un segnale di uscita BASSO indica ROTAZIONE. LOW Output signal indicates: fan is rotating. Un signal de sortie BAS indique ROTATION. | Grigio Gray Gris |
| 2c | RDb | Complemento di RD Complement of RD Complément de RD | Un segnale di uscita ALTO indica ROTAZIONE. HIGH Output signal indicates: fan is rotating. Un signal de sortie HAUT indique ROTATION. | Viola Violet Violet |
| 2d | LD | Rilevamento Vita Life Detection Relèvement Vie | Un segnale di uscita ALTO indica che la velocità è <70% della nominale (indice di invecchiamento). HIGH Output signal indicates: RPM is <70% of rated (indicates aging of the fans). Un signal de sortie HAUT indique que la vitesse est <70% de la valeur nominale (indice de vieillissement). | Marrone Brown Marron |
| 5a | TPWM | Controllo Automatico Temperatura Automatic Temperature Control Contrôle Automatique de Température | La velocità è controllata alla temperatura rilevata da un termistore NTC. The fan speed is controlled at temperature sensed by Thermistor (NTC). La vitesse est contrôlée à la température relevée par une thermistance NTC. | Nessun filo No external wire Aucun fil |
| 5b | RPWM | Controllo Manuale con Resistenza Variabile Manual Variable Resistor Control Contrôle Manuel avec Résistance Variable | La velocità è controllata variando manualmente una resistenza variabile. The fan speed is controlled by manually varying external resistor. La vitesse est contrôlée en variant manuellement une résistance variable. | Arancio + Bianco Orange + White Orange + Blanc |
| 3a | VPWM | Controllo con segnale Vcc DC Voltage Signal Control Contrôle avec signal Vcc | La velocità viene controllata applicando un segnale esterno in tensione. The fan speed is controlled by applying DC Voltage signal. La vitesse est contrôlée en appliquant un signal externe en tension. | Bianco White Blanc |
| 3b | IPWM | Controllo con segnale Icc DC Current Signal Control Contrôle avec signal Icc | La velocità viene controllata applicando un segnale esterno in corrente. The fan speed is controlled by applying DC current signal. La vitesse est contrôlée en appliquant un signal externe en courant. | Bianco White Blanc |
| 3c | PPWM | Controllo con segnale PWM Pulse Width Modulation Control Contrôle avec signal PWM | La velocità viene controllata applicando un segnale PWM esterno (frequenza 30Hz-30kHz). The fan speed is controlled by applying PWM signal with frequency from 30Hz to 30KHz. La vitesse est contrôlée en appliquant un signal PWM externe (fréquence 30Hz-30kHz). | Blu Blue Bleu |
| 6 | CL | Controllo del Limite di Corrente Current Limit Control Contrôle de la limitation du courant | La corrente viene limitata durante il modo Ripartenza Automatica. The current is limited during the Auto Restart Mode. Le courant est limité durant le mode Réenclenchement Automatique. | Nessun filo No external wire Aucun fil |
| 7 | CS | Velocità Costante Fissa Fixed Constant Speed Vitesse constante fixe | La massima velocità del ventilatore è limitata a quella nominale, anche se l'alimentazione fosse maggiore della tensione nominale. The maximum fan speed is limited to the nominal speed, even if the voltage feeding were higher than the nominal one (factory preset). La vitesse maximale du ventilateur est limitée à la vitesse nominale même si l'alimentation de la tension devait être supérieure à la tension nominale. | Nessun filo No external wire Aucun fil |
| 7a | CS | Velocità Costante Programmabile Programmable constant speed Vitesse constante programmable | La max. velocità può essere selezionata esternamente. The maximum speed can be externally selected. La vitesse max. peut être sélectionnée extérieurement. | Arancio + Bianco Orange + White Orange + Blanc |

INDICE PORTATA ARIA Air flow index | *Index Débit d'Air*

STRUTTURA DEL CODICE Code structure | *Structure du code*


DC FAN 25x25x10

 Max m³/h 4,97


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 5 |
| Connessione | Connection | Connexion | lead wire AWG30 / 240 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 1080 pz
 1080 pcs
 1080 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 2510 H05 BPLB1-5 | 5 | 04 - 06 | 0,220 | 1,10 | H 13000 | 4,42 2,60 | 6,67 0,263 | 30,54 | 7,6 |
| VDC 2510 M05 BPLB1-5 | 5 | 04 - 06 | 0,190 | 0,95 | M 10000 | 3,43 2,02 | 4,05 0,159 | 24,21 | 7,6 |
| VDC 2510 L05 BPLB1-5 | 5 | 04 - 06 | 0,140 | 0,70 | L 7000 | 2,36 1,39 | 1,98 0,078 | 18,14 | 7,6 |
| VDC 2510 X12 BPLB1-5 | 12 | 07 - 14 | 0,130 | 1,56 | X 15000 | 4,97 2,92 | 8,00 0,315 | 34,19 | 7,6 |
| VDC 2510 H12 BPLB1-5 | 12 | 07 - 14 | 0,090 | 1,08 | H 13000 | 4,42 2,60 | 6,67 0,263 | 30,54 | 7,6 |
| VDC 2510 M12 BPLB1-5 | 12 | 07 - 14 | 0,070 | 0,84 | M 10000 | 3,43 2,02 | 4,05 0,159 | 24,21 | 7,6 |
| VDC 2510 L12 BPLB1-5 | 12 | 07 - 14 | 0,060 | 0,72 | L 7000 | 2,37 1,39 | 1,98 0,078 | 18,14 | 7,6 |


 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

Serie disponibili / Available Series / Séries disponibles

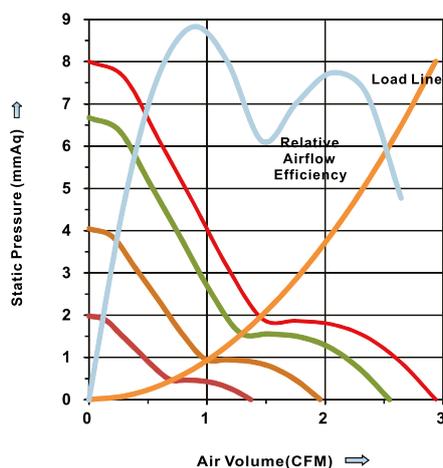
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Taglia | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|--------|------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| ● VDC | 5/12 | 15000 | 4,97 | 8,00 | | ● | | ○ | | | | | | | | | | | |
| ○ VDD | 5/12 | 15000 | 4,47 | 8,00 | | ● | | ○ | ○ | | | | | | | | | | |

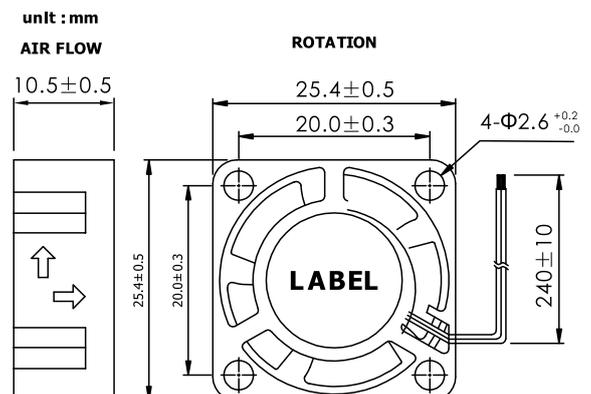

 ● standard
 ○ su richiesta / upon request / sur demande


specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



Max m³/h 7,20

DC FAN
30x30x10


| | | | |
|--------------------------|-----------------------|---------------------------|--|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 5 |
| Connessione | Connection | Connexion | lead wire AWG28 / 240 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 1080 pz
 1080 pcs
 1080 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 3010 H05 BPLB1-5 | 5 | 04 - 06 | 0,200 | 1,00 | H 10000 | 7,20 4,23 | 5,82 0,229 | 28,53 | 8,8 |
| VDC 3010 M05 BPLB1-5 | 5 | 04 - 06 | 1,160 | 0,80 | M 8000 | 5,90 3,47 | 3,95 0,155 | 24,16 | 8,8 |
| VDC 3010 L05 BPLB1-5 | 5 | 04 - 06 | 0,120 | 0,60 | L 6000 | 4,50 2,65 | 2,19 0,086 | 17,68 | 8,8 |
| VDC 3010 H12 BPLB1-5 | 12 | 07 - 14 | 0,100 | 1,20 | H 10000 | 7,20 4,23 | 5,82 0,229 | 28,53 | 8,8 |
| VDC 3010 M12 BPLB1-5 | 12 | 07 - 14 | 0,080 | 0,96 | M 8000 | 5,90 3,47 | 3,95 0,155 | 24,16 | 8,8 |
| VDC 3010 L12 BPLB1-5 | 12 | 07 - 14 | 0,050 | 0,60 | L 6000 | 4,50 2,65 | 2,19 0,086 | 17,68 | 8,8 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles

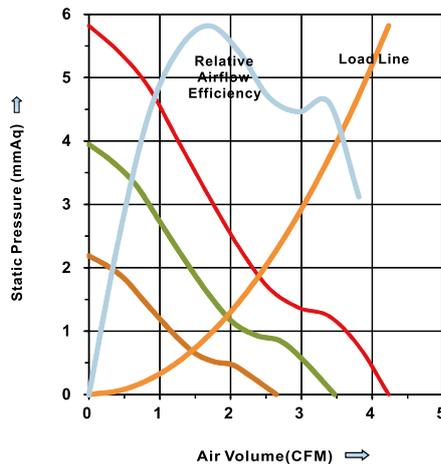
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 3a VPWM | 3b IPWM | 3c PPWM | 2d LD | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|------------|------------|------------|----------|---------|------------|------------|---------|---------|
| ● VDC | 5/12 | 10000 | 7,20 | 5,82 | | ● | ○ | | | | | | | | | | | | |
| ○ VDD | 5/12 | 10000 | 7,20 | 5,82 | | ● | ○ | ○ | | | | | | | | | | | |

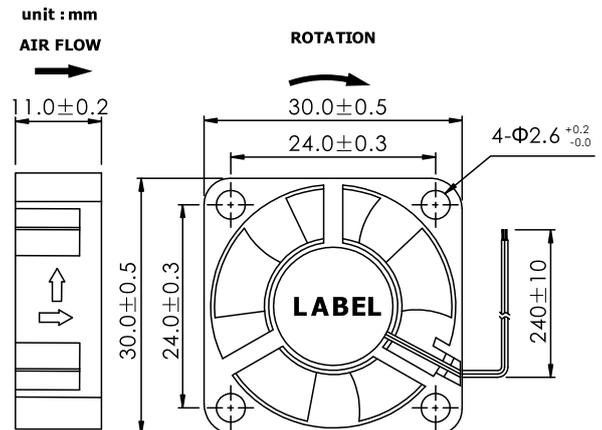
 ● standard
 ○ su richiesta / upon request / sur demande

specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

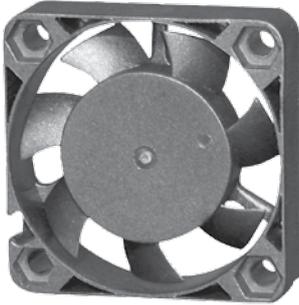
Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



DC FAN 40x40x10

 Max m³/h 13,65


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG26 / 280 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 800 pz
 800 pcs
 800 pces

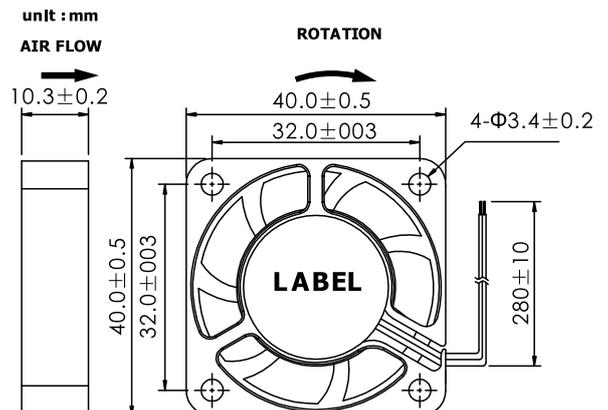
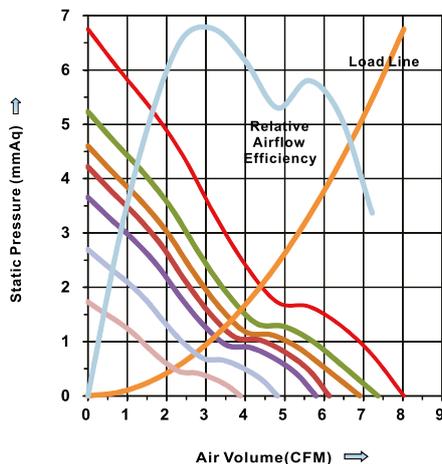
| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 4010 Y05 BPLB1-7 | 5 | 04 - 06 | 0,280 | 1,40 | Y 9000 | 13,65 8,03 | 6,75 0,266 | 36,81 | 16,8 |
| VDC 4010 X05 BPLB1-7 | 5 | 04 - 06 | 0,190 | 0,95 | X 7500 | 11,75 6,91 | 4,60 0,181 | 32,07 | 16,8 |
| VDC 4010 H05 BPLB1-7 | 5 | 04 - 06 | 0,150 | 0,75 | H 6600 | 9,85 5,80 | 3,66 0,144 | 28,29 | 16,8 |
| VDC 4010 M05 BPLB1-7 | 5 | 04 - 06 | 0,100 | 0,50 | M 5500 | 8,19 4,82 | 2,69 0,106 | 24,17 | 16,8 |
| VDC 4010 L05 BPLB1-7 | 5 | 04 - 06 | 0,060 | 0,30 | L 4400 | 6,59 3,87 | 1,73 0,068 | 19,39 | 16,8 |
| VDC 4010 Y12 BPLB1-7 | 12 | 07 - 14 | 0,140 | 1,63 | Y 9000 | 13,65 8,03 | 6,75 0,266 | 36,81 | 16,8 |
| VDC 4010 X12 BPLB1-7 | 12 | 07 - 14 | 0,090 | 1,08 | X 7500 | 11,75 6,91 | 4,60 0,181 | 32,07 | 16,8 |
| VDC 4010 H12 BPLB1-7 | 12 | 07 - 14 | 0,062 | 0,74 | H 6600 | 9,85 5,80 | 3,66 0,144 | 28,29 | 16,8 |
| VDC 4010 M12 BPLB1-7 | 12 | 07 - 14 | 0,051 | 0,61 | M 5500 | 8,19 4,82 | 2,69 0,106 | 24,17 | 16,8 |
| VDC 4010 L12 BPLB1-7 | 12 | 07 - 14 | 0,032 | 0,33 | L 4400 | 6,59 3,87 | 1,73 0,068 | 19,39 | 16,8 |
| VDC 4010 H24 BPLB1-7 | 24 | 15 - 27 | 0,060 | 1,44 | H 9000 | 13,65 8,03 | 6,75 0,266 | 36,81 | 16,8 |
| VDC 4010 M24 BPLB1-7 | 24 | 15 - 27 | 0,054 | 1,30 | M 8000 | 12,53 6,95 | 5,29 0,208 | 34,97 | 16,8 |
| VDC 4010 L24 BPLB1-7 | 24 | 15 - 27 | 0,040 | 0,96 | L 7000 | 10,42 6,13 | 4,22 0,166 | 30,44 | 16,8 |

Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

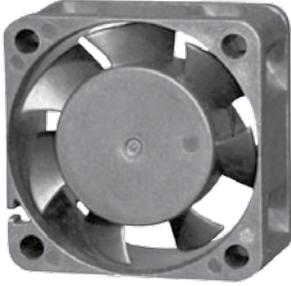
Serie disponibili / Available Series / Séries disponibles
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|---------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 5/12/24 | 9000 | 13,65 | 6,75 | | • | | ◦ | ◦ | | | | | | | | | | |

• standard
 ◦ su richiesta / upon request / sur demande specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air
Dimensioni | Dimensions | Dimensions


Max m³/h 21,00

DC FAN
40x40x20


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG26 / 280 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 600 pz
 600 pcs
 600 pces

| Codice Code Code | Tensione Voltage Tension | Range di tensione Voltage range Gamme de tension | Corrente Current Courant | Potenza Power Puissance | Velocità Speed Vitesse | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression | | Rumore Noise Niveau sonore | Peso Weight Poids |
|---|--------------------------------|--|--------------------------------|-------------------------------|------------------------------|---|-------|-----------------------------------|----------------------|----------------------------------|-------------------------|
| | V | V | A | W | RPM | m ³ /h | CFM | mmH ² O | inchH ² O | dbA | g |
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | | | |
| VDC 4020 H05 BPLP1-7 | 5 | 04 - 06 | 0,250 | 1,25 | H 7000 | 14,71 | 8,65 | 4,85 | 0,191 | 25,20 | 31,6 |
| VDC 4020 M05 BPLP1-7 | 5 | 04 - 06 | 0,170 | 0,85 | M 5500 | 11,54 | 6,79 | 2,99 | 0,118 | 19,30 | 31,6 |
| VDC 4020 L05 BPLP1-7 | 5 | 04 - 06 | 0,120 | 0,60 | L 4000 | 8,40 | 4,94 | 1,58 | 0,062 | 11,00 | 31,6 |
| VDC 4020 Y12 BPLP1-7 | 12 | 07 - 14 | 0,210 | 2,52 | Y 10000 | 21,00 | 12,35 | 9,90 | 0,390 | 34,80 | 31,6 |
| VDC 4020 X12 BPLP1-7 | 12 | 07 - 14 | 0,160 | 1,92 | X 8500 | 17,85 | 10,50 | 7,15 | 0,280 | 30,60 | 31,6 |
| VDC 4020 H12 BPLP1-7 | 12 | 07 - 14 | 0,120 | 1,44 | H 7000 | 14,71 | 8,65 | 4,85 | 0,190 | 25,20 | 31,6 |
| VDC 4020 M12 BPLP1-7 | 12 | 07 - 14 | 0,070 | 0,84 | M 5500 | 11,54 | 6,79 | 2,99 | 0,118 | 19,30 | 31,6 |
| VDC 4020 L12 BPLP1-7 | 12 | 07 - 14 | 0,050 | 0,60 | L 4000 | 8,40 | 4,94 | 1,58 | 0,062 | 11,00 | 31,6 |
| VDC 4020 Y24 BPLP1-7 | 24 | 15 - 27 | 0,110 | 2,64 | Y 10000 | 21,00 | 12,35 | 9,90 | 0,390 | 34,80 | 31,6 |
| VDC 4020 X24 BPLP1-7 | 24 | 15 - 27 | 0,080 | 1,92 | X 8500 | 17,85 | 10,50 | 7,15 | 0,281 | 30,60 | 31,6 |
| VDC 4020 H24 BPLP1-7 | 24 | 15 - 27 | 0,060 | 1,44 | H 7000 | 14,71 | 8,65 | 4,85 | 0,191 | 25,20 | 31,6 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

Serie disponibili / Available Series / Séries disponibles

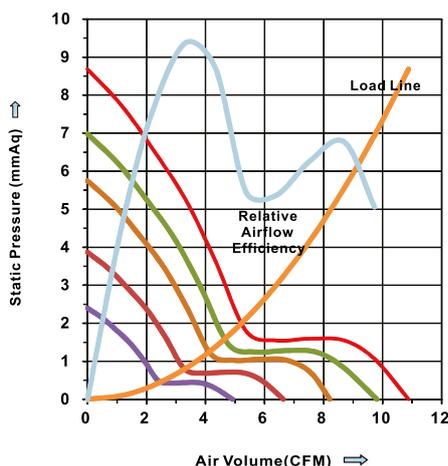
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a | 1b | 1c | 2a | 2b | 2c | 2d | 3a | 3b | 3c | 4 | 5a | 5b | 6 | 7 | |
|-------|---------|------------|--------------------------|---------------------------|----|----|----|----|----|-----|----|------|------|------|----|------|------|----|----|--|
| | | | | | IR | AS | MS | FG | RD | Rdb | LD | VPWM | IPWM | PPWM | OV | TPWM | RPWM | CL | CS | |
| • VDC | 5/12/24 | 15000 | 31,50 | 22,27 | | • | | o | o | | | | | | | | | | | |

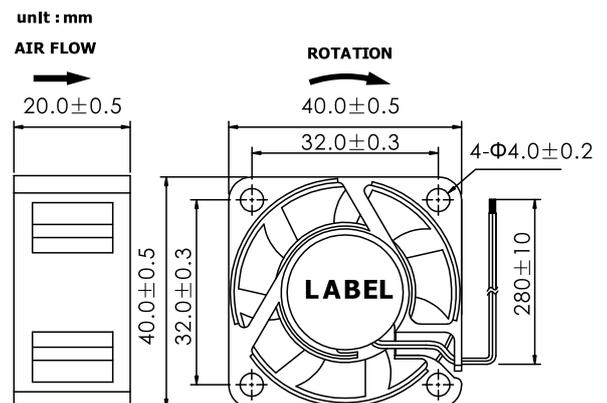
 • standard
 ○ su richiesta / upon request / sur demande

specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



DC FAN 40x40x28

 Max m³/h 42,09


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG26 / 280 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 320 pz
 320 pcs
 320 pces

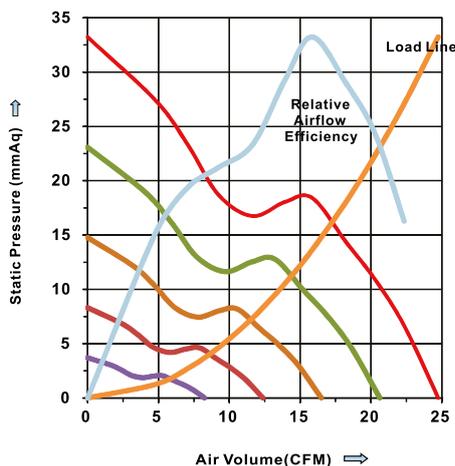
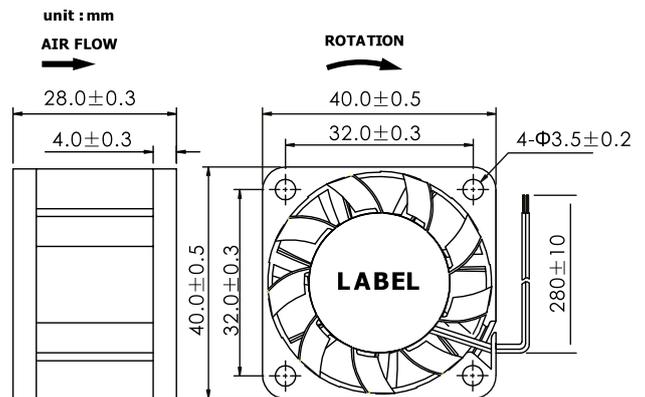
| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDD 4028 Y12 BPLB1-7 | 12 | 07 - 14 | 0,850 | 10,20 | X 12500 | 42,09 24,76 | 33,22 1,308 | 55,47 | 49 |
| VDD 4028 X12 BPLB1-7 | 12 | 07 - 14 | 0,550 | 6,60 | X 12500 | 35,07 20,63 | 23,07 0,908 | 55,47 | 49 |
| VDD 4028 H12 BPLB1-7 | 12 | 07 - 14 | 0,300 | 3,60 | H 10000 | 28,06 16,50 | 14,76 0,581 | 49,20 | 49 |
| VDD 4028 M12 BPLB1-7 | 12 | 07 - 14 | 0,180 | 2,16 | M 7500 | 21,04 12,38 | 8,30 0,327 | 39,19 | 49 |
| VDD 4028 L12 BPLB1-7 | 12 | 07 - 14 | 0,120 | 1,44 | L 5000 | 14,03 8,25 | 3,69 0,145 | 32,45 | 49 |
| VDD 4028 Y24 BPLB1-7 | 24 | 15 - 27 | 0,500 | 12,00 | X 12500 | 42,09 24,76 | 33,22 1,308 | 55,47 | 49 |
| VDD 4028 X24 BPLB1-7 | 24 | 15 - 27 | 0,400 | 9,60 | X 12500 | 35,07 20,63 | 23,07 0,908 | 55,47 | 49 |
| VDD 4028 H24 BPLB1-7 | 24 | 15 - 27 | 0,160 | 3,84 | H 10000 | 28,06 16,50 | 14,76 0,581 | 49,20 | 49 |
| VDD 4028 M24 BPLB1-7 | 24 | 15 - 27 | 0,080 | 1,92 | M 7500 | 21,04 12,38 | 8,30 0,327 | 39,19 | 49 |
| VDD 4028 L24 BPLB1-7 | 24 | 15 - 27 | 0,070 | 1,68 | L 5000 | 14,03 8,25 | 3,69 0,145 | 32,45 | 49 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|-------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDD | 12/24 | 15000 | 42,09 | 33,22 | | • | | ○ | ○ | ○ | | ○ | | ○ | | ○ | | | ○ |

 ● standard
 ○ su richiesta / upon request / sur demande
 specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions


Max m³/h 30,75

DC FAN
50x50x10


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG26 / 270 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ +70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 800 pz
 800 pcs
 800 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 5010 M05 BPLP1-7 | 5 | 04 - 06 | 0,160 | 0,80 | M 5000 | 19,23 11,31 | 3,24 0,128 | 30,10 | 20,6 |
| VDC 5010 L05 BPLP1-7 | 5 | 04 - 06 | 0,100 | 0,50 | L 4000 | 15,37 9,04 | 2,08 0,082 | 25,85 | 20,6 |
| VDC 5010 H12 BPLP1-7 | 12 | 07 - 14 | 0,135 | 1,62 | H 6000 | 23,07 13,57 | 4,67 0,184 | 33,15 | 20,6 |
| VDC 5010 M12 BPLP1-7 | 12 | 07 - 14 | 0,086 | 1,03 | M 5000 | 19,23 11,31 | 3,24 0,128 | 30,10 | 20,6 |
| VDC 5010 L12 BPLP1-7 | 12 | 07 - 14 | 0,055 | 0,66 | L 4000 | 15,37 9,04 | 2,08 0,082 | 25,85 | 20,6 |
| VDD 5010 H24 BPLB1-7 | 24 | 15 - 27 | 0,010 | 2,64 | H 8000 | 30,75 18,09 | 8,30 0,327 | 40,11 | 20,6 |
| VDD 5010 M24 BPLB1-7 | 24 | 15 - 27 | 0,080 | 1,92 | M 7000 | 26,91 15,83 | 6,36 0,250 | 36,65 | 20,6 |
| VDD 5010 L24 BPLP1-7 | 24 | 15 - 27 | 0,055 | 0,32 | L 6000 | 23,07 13,57 | 4,67 0,184 | 33,15 | 20,6 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 § PLB1-7

Serie disponibili / Available Series / Séries disponibles

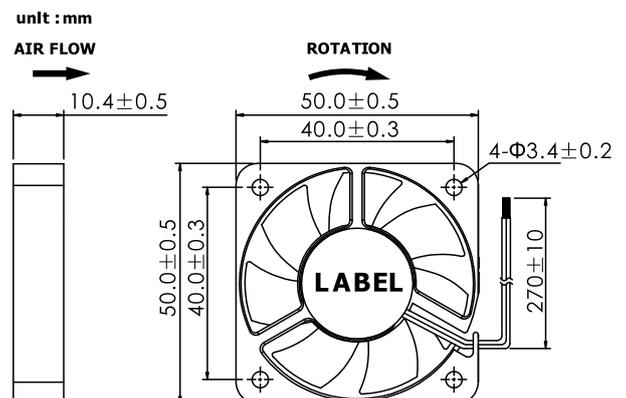
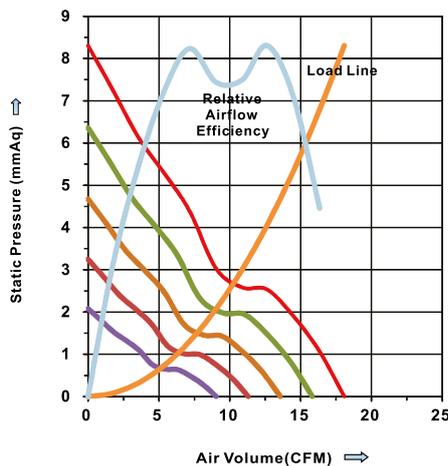
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 5/12 | 6000 | 23,07 | 4,67 | | • | | ○ | ○ | | | | | | | | | | |
| • VDD | 24 | 8000 | 30,75 | 8,30 | | • | | ○ | ○ | ○ | | | | | | | | | |

 ● standard
 ○ su richiesta / upon request / sur demande
 specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions



DC FAN 50x50x15

Max m³/h 30,67



| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG26 / 270 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



480 pz
480 pcs
480 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 5015 H05 BPLP1-7 | 5 | 04 - 06 | 0,300 | 1,50 | H 6000 | 30,67 18,04 | 4,86 0,191 | 32,40 | 29,8 |
| VDC 5015 M05 BPLP1-7 | 5 | 04 - 06 | 0,240 | 1,20 | M 5000 | 25,57 15,04 | 3,38 0,133 | 27,60 | 29,8 |
| VDC 5015 L05 BPLP1-7 | 5 | 04 - 06 | 0,160 | 0,80 | L 4000 | 20,45 12,03 | 2,16 0,085 | 21,80 | 29,8 |
| VDC 5015 H12 BPLP1-7 | 12 | 07 - 14 | 0,160 | 1,92 | H 6000 | 30,67 18,04 | 4,86 0,191 | 32,40 | 29,8 |
| VDC 5015 M12 BPLP1-7 | 12 | 07 - 14 | 0,110 | 1,32 | M 5000 | 25,57 15,04 | 3,38 0,133 | 27,60 | 29,8 |
| VDC 5015 L12 BPLP1-7 | 12 | 07 - 14 | 0,080 | 0,96 | L 4000 | 20,45 12,03 | 2,16 0,085 | 21,80 | 29,8 |
| VDC 5015 H24 BPLP1-7 | 24 | 15 - 27 | 0,082 | 1,97 | H 6000 | 30,67 18,04 | 4,86 0,191 | 32,40 | 29,8 |
| VDC 5015 M24 BPLP1-7 | 24 | 15 - 27 | 0,060 | 1,44 | M 5000 | 25,57 15,04 | 3,38 0,133 | 27,60 | 29,8 |



Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
Es. ref. VDR 1232 H12 S PLB1-7

Serie disponibili / Available Series / Séries disponibles

Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|---------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 5/12/24 | 8000 | 38,76 | 9,25 | | • | | ○ | ○ | | | | | | | | | | |



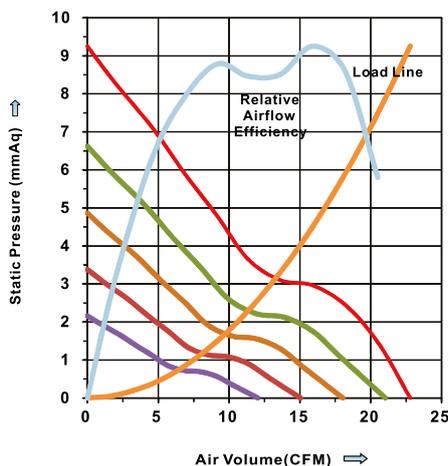
● standard
○ su richiesta / upon request / sur demande



specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

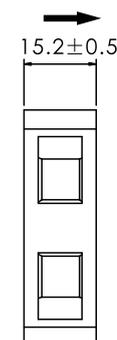
Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions

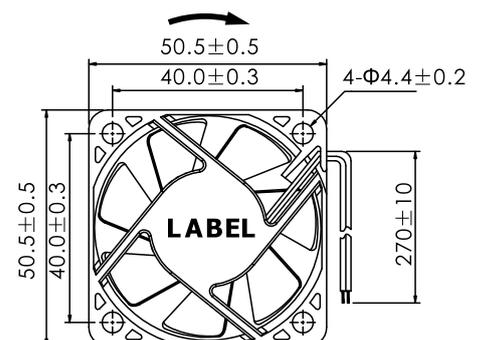


unit : mm

AIR FLOW



ROTATION



Max m³/h 33,78

DC FAN
60x60x10


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 11 |
| Connessione | Connection | Connexion | lead wire AWG26 / 270 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 480 pz
 480 pcs
 480 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dB(A) | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 6010 H05 BPLP1-11 | 5 | 04 - 06 | 0,230 | 1,15 | H 4000 | 29,38 17,28 | 2,31 0,091 | 32,07 | 29 |
| VDC 6010 M05 BPLP1-11 | 5 | 04 - 06 | 0,190 | 0,95 | M 3600 | 26,44 15,55 | 1,87 0,074 | 29,70 | 29 |
| VDC 6010 L05 BPLP1-11 | 5 | 04 - 06 | 0,154 | 0,77 | L 3200 | 23,50 13,82 | 1,48 0,058 | 24,91 | 29 |
| VDC 6010 H12 BPLP1-11 | 12 | 07 - 14 | 0,180 | 2,16 | H 4600 | 33,78 19,87 | 3,06 0,120 | 35,04 | 29 |
| VDC 6010 M12 BPLP1-11 | 12 | 07 - 14 | 0,120 | 1,44 | M 4000 | 29,38 17,28 | 2,31 0,091 | 32,07 | 29 |
| VDC 6010 L12 BPLP1-11 | 12 | 07 - 14 | 0,090 | 1,08 | L 3600 | 26,40 15,55 | 1,87 0,074 | 29,70 | 29 |
| VDC 6010 H24 BPLP1-11 | 24 | 15 - 27 | 0,120 | 2,88 | H 4600 | 33,78 19,87 | 3,06 0,120 | 35,04 | 29 |
| VDC 6010 M24 BPLP1-11 | 24 | 15 - 27 | 0,074 | 1,78 | M 4000 | 29,38 17,28 | 2,31 0,091 | 32,07 | 29 |
| VDC 6010 L24 BPLP1-11 | 24 | 15 - 27 | 0,060 | 1,44 | L 3600 | 26,40 15,55 | 1,87 0,074 | 29,70 | 29 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

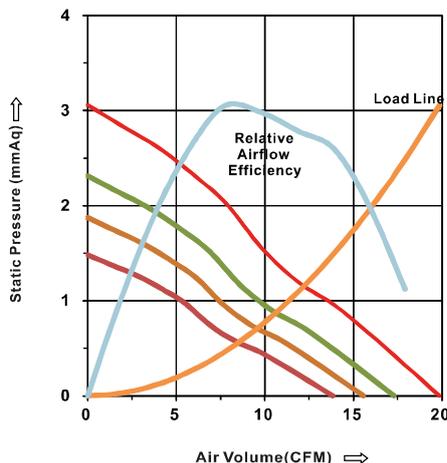
Serie disponibili / Available Series / Séries disponibles

Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

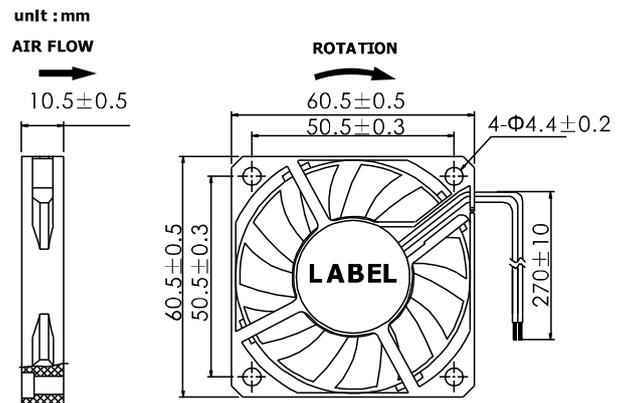
| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|---------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 5/12/24 | 4600 | 33,78 | 3,06 | | • | | ○ | ○ | | | | | | | | | | |

 • standard
 ○ su richiesta / upon request / sur demande
 specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



DC FAN 60x60x20

 Max m³/h 41,31


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 280 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 240 pz
 240 pcs
 240 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 6020 X12 BPLP1-7 | 12 | 07 - 14 | 0,230 | 2,76 | X 5600 | 41,31 24,30 | 8,53 0,336 | 39,16 | 54 |
| VDC 6020 H12 BPLP1-7 | 12 | 07 - 14 | 0,168 | 2,02 | H 4800 | 35,39 20,82 | 6,26 0,247 | 35,14 | 54 |
| VDC 6020 M12 BPLP1-7 | 12 | 07 - 14 | 0,120 | 1,44 | M 4000 | 29,51 17,36 | 4,36 0,172 | 30,37 | 54 |
| VDC 6020 L12 BPLP1-7 | 12 | 07 - 14 | 0,075 | 0,90 | L 3200 | 23,46 13,80 | 2,76 0,109 | 24,50 | 54 |
| VDC 6020 X24 BPLP1-7 | 24 | 15 - 27 | 0,153 | 3,67 | X 5600 | 41,31 24,30 | 8,53 0,336 | 39,16 | 54 |
| VDC 6020 H24 BPLP1-7 | 24 | 15 - 27 | 0,087 | 2,09 | H 4800 | 35,39 20,82 | 6,26 0,247 | 35,14 | 54 |
| VDC 6020 M24 BPLP1-7 | 24 | 15 - 27 | 0,070 | 1,68 | M 4000 | 29,51 17,36 | 4,36 0,172 | 30,37 | 54 |
| VDC 6020 L24 BPLP1-7 | 24 | 15 - 27 | 0,035 | 0,84 | L 3200 | 23,46 13,80 | 2,76 0,109 | 24,50 | 54 |

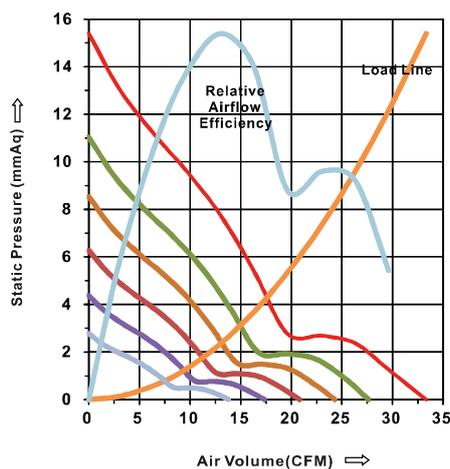
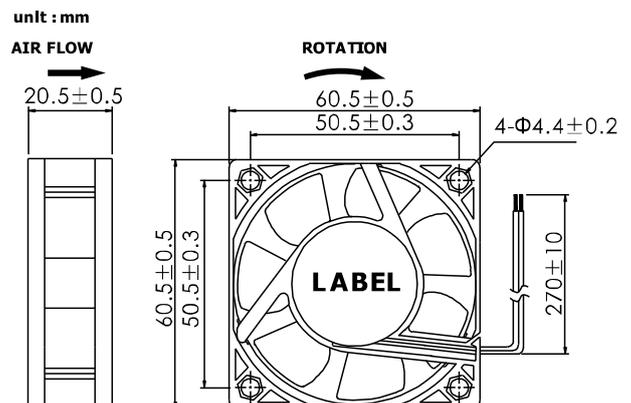

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

Serie disponibili / Available Series / Séries disponibles
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|----------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 12/24 | 6400 | 46,97 | 11,03 | | • | | ○ | ○ | | | | | | | | | | |
| ○ VDD | 12/24/48 | 7500 | 36,66 | 15,39 | | • | | ○ | ○ | | | | | | | | | | |
| ○ VDR | 5/12/24 | 6400 | 46,97 | 11,03 | | • | | ○ | ○ | | | | | | | | | | |


 • standard
 ○ su richiesta / upon request / sur demande


specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions


Max m³/h 56,13

DC FAN
60x60x25


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 5 |
| Connessione | Connection | Connexion | lead wire AWG24 / 280 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ +70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 224 pz
 224 pcs
 224 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|---|---|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 6025 Y12 BPLP1-5 | 12 | 07 - 14 | 0,300 | 3,60 | Y 6500 | 56,13 33,02 | 10,44 | 0,411 | 73,5 |
| VDC 6025 X12 BPLP1-5 | 12 | 07 - 14 | 0,230 | 2,76 | X 6000 | 51,82 30,48 | 8,90 | 0,350 | 73,5 |
| VDC 6025 H12 BPLP1-5 | 12 | 07 - 14 | 0,190 | 2,28 | H 5500 | 47,50 29,94 | 7,48 | 0,294 | 73,5 |
| VDC 6025 M12 BPLP1-5 | 12 | 07 - 14 | 0,140 | 1,68 | M 4500 | 38,86 22,86 | 5,01 | 0,197 | 73,5 |
| VDC 6025 L12 BPLP1-5 | 12 | 07 - 14 | 0,090 | 1,08 | L 3500 | 30,23 17,78 | 3,03 | 0,119 | 73,5 |
| VDC 6025 X24 BPLP1-5 | 24 | 15 - 27 | 0,135 | 3,24 | X 6000 | 51,82 30,48 | 8,90 | 0,350 | 73,5 |
| VDC 6025 H24 BPLP1-5 | 24 | 15 - 27 | 0,110 | 2,64 | H 5500 | 47,50 27,94 | 7,48 | 0,294 | 73,5 |
| VDC 6025 M24 BPLP1-5 | 24 | 15 - 27 | 0,070 | 1,68 | M 4500 | 38,86 22,86 | 5,01 | 0,197 | 73,5 |
| VDC 6025 L24 BPLP1-5 | 24 | 15 - 27 | 0,050 | 0,20 | L 3500 | 30,23 17,78 | 3,03 | 0,119 | 73,5 |

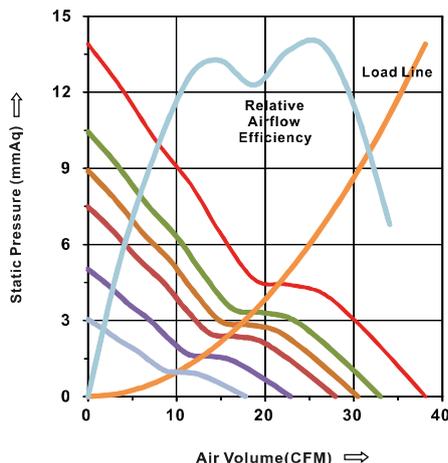
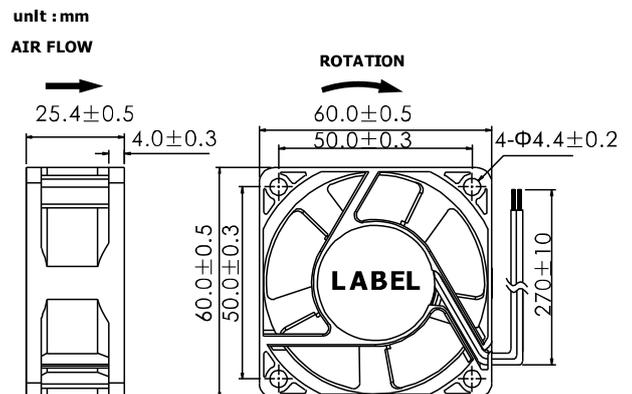

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

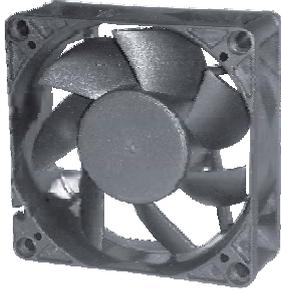
| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|----------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 12/24 | 6500 | 56,13 | 10,44 | | • | | ○ | ○ | | | | | | | | | | |
| ○ VDD | 12/24/48 | 7500 | 64,75 | 13,89 | ○ | • | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ○ VDR | 5/12/24 | 6500 | 56,13 | 10,44 | | • | | ○ | ○ | | | | | | | | | | |


 • standard
 ○ su richiesta / upon request / sur demande


specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions


DC FAN 70x70x25

 Max m³/h 68,20


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 280 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 200 pz
 200 pcs
 200 pces

| Codice Code Code | Tensione Voltage Tension | Range di tensione Voltage range Gamme de tension | Corrente Current Courant | Potenza Power Puissance | Velocità Speed Vitesse | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression | | Rumore Noise Niveau sonore | Peso Weight Poids |
|---|--------------------------------|--|--------------------------------|-------------------------------|------------------------------|---|-------|-----------------------------------|----------------------|----------------------------------|-------------------------|
| | V | V | A | W | RPM | m ³ /h | CFM | mmH ² O | inchH ² O | dbA | g |
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | | | |
| VDC 7025 X12 BPLP1-7 | 12 | 07 - 14 | 0,230 | 2,76 | X 4000 | 68,20 | 40,12 | 6,09 | 0,240 | 39,30 | 73 |
| VDC 7025 H12 BPLP1-7 | 12 | 07 - 14 | 0,180 | 2,16 | H 3600 | 61,37 | 36,10 | 4,93 | 0,194 | 36,50 | 73 |
| VDC 7025 M12 BPLP1-7 | 12 | 07 - 14 | 0,131 | 1,57 | M 3000 | 51,17 | 30,10 | 3,43 | 0,135 | 30,67 | 73 |
| VDC 7025 L12 BPLP1-7 | 12 | 07 - 14 | 0,076 | 0,92 | L 2400 | 40,97 | 24,10 | 2,20 | 0,087 | 26,00 | 73 |
| VDC 7025 X24 BPLP1-7 | 24 | 15 - 27 | 0,110 | 2,64 | X 4000 | 68,20 | 40,12 | 6,09 | 0,240 | 39,30 | 73 |
| VDC 7025 H24 BPLP1-7 | 24 | 15 - 27 | 0,090 | 2,16 | H 3600 | 61,37 | 36,10 | 4,93 | 0,194 | 36,50 | 73 |
| VDC 7025 M24 BPLP1-7 | 24 | 15 - 27 | 0,060 | 1,44 | M 3000 | 51,17 | 30,10 | 3,43 | 0,135 | 30,67 | 73 |
| VDC 7025 L24 BPLP1-7 | 24 | 15 - 27 | 0,040 | 0,96 | L 2400 | 40,97 | 24,10 | 2,20 | 0,087 | 26,00 | 73 |


 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

Serie disponibili / Available Series / Séries disponibles

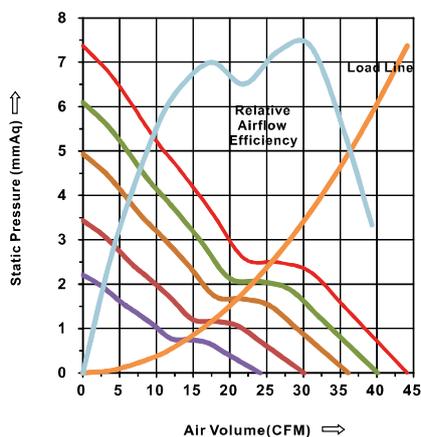
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|----------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 12/24 | 4000 | 68,20 | 6,09 | | • | | ○ | ○ | | | | | | | | | | |
| ○ VDD | 12/24/48 | 4000 | 68,20 | 7,37 | ○ | • | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ○ VDR | 5/12/24 | 4400 | 75,02 | 7,37 | | • | | ○ | ○ | | | | | | | | | | |

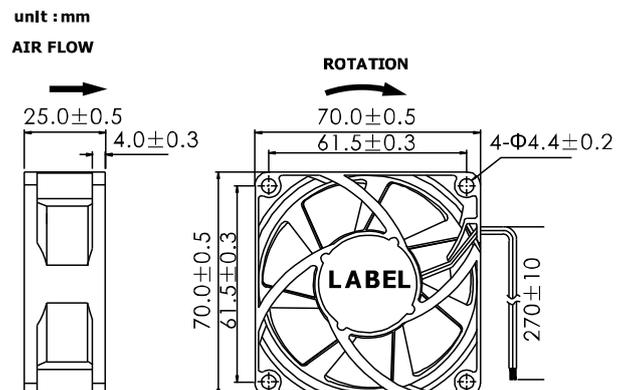

 • standard
 ○ su richiesta / upon request / sur demande


specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

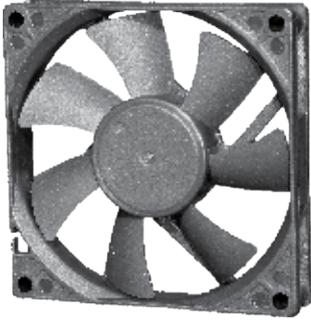
Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



Max m³/h 73,95

**DC FAN
80x80x15**


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 260 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 240 pz
 240 pcs
 240 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 8015 X12 BPLP1-7 | 12 | 07 - 14 | 0,308 | 3,70 | X 4000 | 73,95 43,50 | 5,02 0,198 | 40,14 | 55 |
| VDC 8015 H12 BPLP1-7 | 12 | 07 - 14 | 0,160 | 1,92 | H 3200 | 59,16 34,80 | 3,21 0,126 | 34,38 | 55 |
| VDC 8015 M12 BPLP1-7 | 12 | 07 - 14 | 0,120 | 1,44 | M 2800 | 51,76 30,45 | 2,46 0,097 | 31,00 | 55 |
| VDC 8015 L12 BPLP1-7 | 12 | 07 - 14 | 0,080 | 1,96 | L 2400 | 44,37 26,10 | 1,81 0,071 | 27,23 | 55 |
| VDC 8015 X24 BPLP1-7 | 24 | 15 - 27 | 0,150 | 3,60 | X 4000 | 73,95 43,50 | 5,02 0,198 | 40,14 | 55 |
| VDC 8015 H24 BPLP1-7 | 24 | 15 - 27 | 0,100 | 2,40 | H 3200 | 59,16 34,80 | 3,21 0,126 | 34,38 | 55 |
| VDC 8015 M24 BPLP1-7 | 24 | 15 - 27 | 0,070 | 1,68 | M 2800 | 51,76 30,45 | 2,46 0,097 | 31,00 | 55 |
| VDC 8015 L24 BPLP1-7 | 24 | 15 - 27 | 0,049 | 1,18 | L 2400 | 44,37 26,10 | 1,81 0,071 | 27,23 | 55 |
| VDD 8015 X48 BPLP1-7 | 48 | 36 - 57 | 0,074 | 3,55 | X 4000 | 73,95 43,50 | 5,02 0,198 | 40,14 | 55 |
| VDD 8015 H48 BPLP1-7 | 48 | 36 - 57 | 0,044 | 2,12 | H 3200 | 59,16 34,80 | 3,21 0,126 | 34,38 | 55 |
| VDD 8015 M48 BPLP1-7 | 48 | 36 - 57 | 0,036 | 1,72 | M 2800 | 51,76 30,45 | 2,46 0,097 | 31,00 | 55 |
| VDD 8015 L48 BPLP1-7 | 48 | 36 - 57 | 0,019 | 0,98 | L 2400 | 44,37 26,10 | 1,81 0,071 | 27,23 | 55 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles

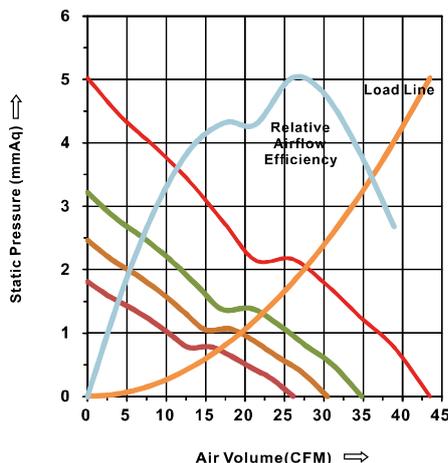
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|----------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 12/24 | 4000 | 73,95 | 5,02 | | • | | ○ | ○ | | | | | | | | | | |
| ○ VDD | 12/24/48 | 4000 | 73,95 | 5,02 | ○ | • | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ○ VDR | 5/12/24 | 4000 | 73,95 | 5,02 | | • | | ○ | ○ | | | | | | | | | | |

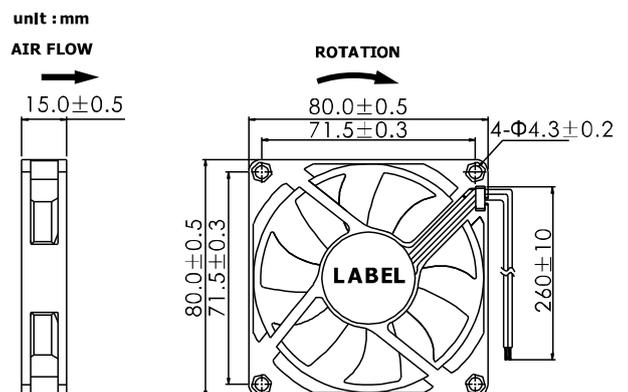
 • standard
 ○ su richiesta / upon request / sur demande

specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



DC FAN 80x80x25

 Max m³/h 98,22


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 260 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 135 pz
 135 pcs
 135 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|--|--|---|------------------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDC 8025 X12 BPLP1-7 | 12 | 07 - 14 | 0,185 | 2,22 | X 3600 | 80,36 47,27 | 5,15 0,203 | 37,85 | 83 |
| VDC 8025 H12 BPLP1-7 | 12 | 07 - 14 | 0,125 | 1,50 | H 3000 | 66,97 39,39 | 3,58 0,141 | 32,11 | 83 |
| VDC 8025 M12 BPLP1-7 | 12 | 07 - 14 | 0,095 | 1,14 | M 2600 | 58,04 34,14 | 2,69 0,106 | 28,56 | 83 |
| VDC 8025 L12 BPLP1-7 | 12 | 07 - 14 | 0,065 | 0,78 | L 2200 | 49,11 28,89 | 1,92 0,076 | 23,79 | 83 |
| VDC 8025 X24 BPLP1-7 | 24 | 15 - 27 | 0,100 | 2,40 | X 3600 | 80,36 47,27 | 5,15 0,203 | 37,85 | 83 |
| VDC 8025 H24 BPLP1-7 | 24 | 15 - 27 | 0,060 | 1,44 | H 3000 | 66,97 39,39 | 3,58 0,141 | 32,11 | 83 |
| VDC 8025 M24 BPLP1-7 | 24 | 15 - 27 | 0,050 | 1,20 | M 2600 | 58,04 34,14 | 2,69 0,106 | 28,56 | 83 |
| VDC 8025 L24 BPLP1-7 | 24 | 15 - 27 | 0,035 | 0,84 | L 2200 | 49,11 28,89 | 1,92 0,076 | 23,79 | 83 |
| VDD 8025 Y48 BPLP1-7 | 48 | 36 - 57 | 0,090 | 4,32 | Y 4400 | 98,22 57,78 | 7,69 0,303 | 40,55 | 83 |
| VDD 8025 X48 BPLP1-7 | 48 | 36 - 57 | 0,060 | 2,88 | X 3600 | 80,36 47,27 | 5,15 0,203 | 37,85 | 83 |
| VDD 8025 H48 BPLP1-7 | 48 | 36 - 57 | 0,050 | 2,40 | H 3000 | 66,97 39,39 | 3,58 0,141 | 32,11 | 83 |
| VDD 8025 M48 BPLP1-7 | 48 | 36 - 57 | 0,040 | 1,92 | M 2600 | 58,04 34,14 | 2,69 0,106 | 28,56 | 83 |
| VDD 8025 L48 BPLP1-7 | 48 | 36 - 57 | 0,030 | 1,44 | L 2200 | 49,11 28,89 | 1,92 0,076 | 23,79 | 83 |

Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

Serie disponibili / Available Series / Séries disponibles

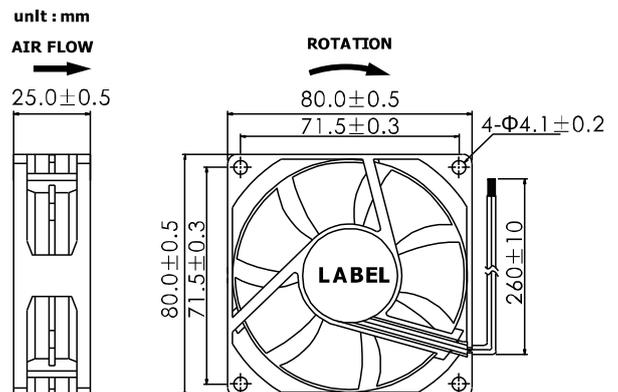
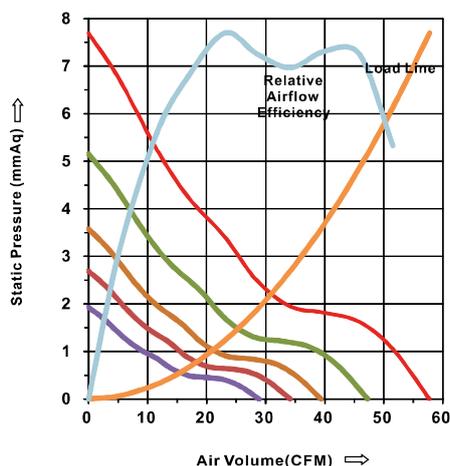
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|----------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 12/24 | 3600 | 80,36 | 5,15 | | • | | ○ | ○ | | | | | | | | | | |
| ○ VDD | 12/24/48 | 4400 | 98,22 | 7,69 | ○ | • | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ○ VDR | 5/12/24 | 4400 | 98,22 | 7,69 | | • | | ○ | ○ | | | | | | | | | | |

• standard
 ○ su richiesta / upon request / sur demande
 ⓘ specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions



Max m³/h 167,39

DC FAN
80x80x38


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 260 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 60 pz
 60 pcs
 60 pces

| Codice Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|----------------------------|--|----------------------------|---------------------------|----------------------------|---|---|--------------------------------|---------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDR 8038 H12 BPLB1-7 | 12 | 07 - 14 | 1,200 | 14,40 | H 7000 | 167,39 98,47 | 27,23 1,072 | 57,10 | 200 |
| VDR 8038 M12 BPLB1-7 | 12 | 07 - 14 | 0,500 | 6,00 | M 5500 | 131,52 77,37 | 16,81 0,662 | 50,80 | 200 |
| VDR 8038 L12 BPLB1-7 | 12 | 07 - 14 | 0,293 | 3,52 | L 4000 | 95,65 56,27 | 8,89 0,350 | 42,50 | 200 |
| VDR 8038 H24 BPLB1-7 | 24 | 15 - 27 | 0,500 | 12,00 | H 7000 | 167,39 98,47 | 27,23 1,072 | 57,10 | 200 |
| VDR 8038 M24 BPLB1-7 | 24 | 15 - 27 | 0,270 | 6,48 | M 5500 | 131,52 77,37 | 16,81 0,662 | 50,80 | 200 |
| VDR 8038 L24 BPLB1-7 | 24 | 15 - 27 | 0,160 | 3,84 | L 4000 | 95,65 56,27 | 8,89 0,350 | 42,50 | 200 |
| VDR 8038 H48 BPLB1-7 | 48 | 36 - 57 | 0,293 | 14,06 | H 7000 | 167,39 98,47 | 27,23 1,072 | 57,10 | 200 |
| VDR 8038 M48 BPLB1-7 | 48 | 36 - 57 | 0,140 | 6,72 | M 5500 | 131,52 77,37 | 16,81 0,662 | 50,80 | 200 |
| VDR 8038 L48 BPLB1-7 | 48 | 36 - 57 | 0,093 | 4,46 | L 4000 | 95,65 56,27 | 8,89 0,350 | 42,50 | 200 |

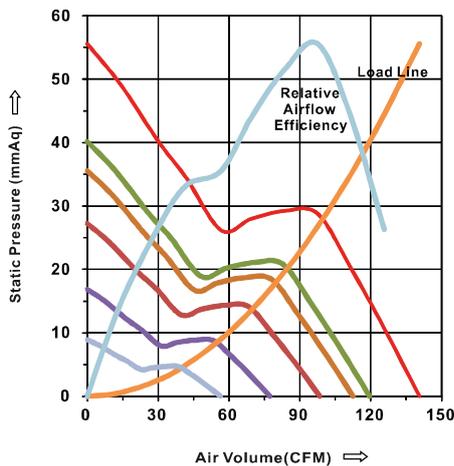
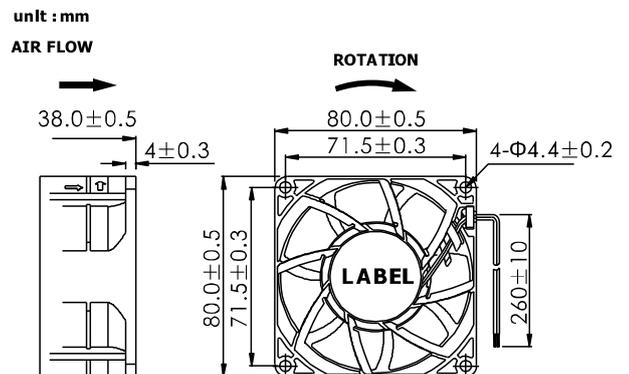

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 BPLB1-7

Serie disponibili / Available Series / Séries disponibles
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS | |
|-------|----------|---------|-----------------------|------------------------|-------|-------|-------|-------|-------|--------|-------|---------|---------|---------|------|---------|---------|------|------|---|
| ● VDR | 12/24/48 | 7000 | 167,39 | 27,23 | ○ | ● | | ○ | ○ | ○ | | | | | | | | | ○ | |
| ○ VDK | 12/24/48 | 10000 | 239,13 | 55,58 | ○ | ● | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |


 ● standard
 ○ su richiesta / upon request / sur demande


specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions


DC FAN 92x92x25

 Max m³/h 139,08


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 250 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



| Codice Code Code | Tensione Voltage Tension | Range di tensione Voltage range Gamme de tension | Corrente Current Courant | Potenza Power Puissance | Velocità Speed Vitesse | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression | Rumore Noise Niveau sonore | Peso Weight Poids | |
|---|--------------------------------|--|--------------------------------|-------------------------------|------------------------------|---|-------|--|----------------------------------|-------------------------|-------|
| | V | V | A | W | RPM | m ³ /h | CFM | mmH ² O inchH ² O | dbA | g | |
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | | | |
| VDC 9225 X12 BPLP1-7 | 12 | 07 - 14 | 0,350 | 4,20 | X 3600 | 113,79 | 66,94 | 6,01 | 0,237 | 41,16 | 106,5 |
| VDC 9225 H12 BPLP1-7 | 12 | 07 - 14 | 0,220 | 2,64 | H 3000 | 94,83 | 55,78 | 4,18 | 0,164 | 35,73 | 106,5 |
| VDC 9225 M12 BPLP1-7 | 12 | 07 - 14 | 0,135 | 1,62 | M 2600 | 82,18 | 48,34 | 3,14 | 0,123 | 31,99 | 106,5 |
| VDC 9225 L12 BPLP1-7 | 12 | 07 - 14 | 0,108 | 1,30 | L 2200 | 69,54 | 40,91 | 2,25 | 0,088 | 27,56 | 106,5 |
| VDC 9225 X24 BPLP1-7 | 24 | 15 - 27 | 0,180 | 4,32 | X 3600 | 113,79 | 66,94 | 6,01 | 0,237 | 41,16 | 106,5 |
| VDC 9225 H24 BPLP1-7 | 24 | 15 - 27 | 0,120 | 2,88 | H 3000 | 94,83 | 55,78 | 4,18 | 0,164 | 35,73 | 106,5 |
| VDC 9225 M24 BPLP1-7 | 24 | 15 - 27 | 0,084 | 2,02 | M 2600 | 82,18 | 48,34 | 3,14 | 0,123 | 31,99 | 106,5 |
| VDC 9225 L24 BPLP1-7 | 24 | 15 - 27 | 0,055 | 1,32 | L 2200 | 69,54 | 40,91 | 2,25 | 0,088 | 27,56 | 106,5 |
| VDD 9225 Y48 BPLP1-7 | 48 | 36 - 57 | 0,130 | 6,24 | Y 4400 | 139,08 | 81,81 | 8,98 | 0,354 | 45,73 | 106,5 |
| VDD 9225 X48 BPLP1-7 | 48 | 36 - 57 | 0,080 | 3,84 | X 3600 | 113,79 | 66,94 | 6,01 | 0,237 | 41,16 | 106,5 |
| VDD 9225 H48 BPLP1-7 | 48 | 36 - 57 | 0,060 | 2,88 | H 3000 | 94,83 | 55,78 | 4,18 | 0,164 | 35,73 | 106,5 |
| VDD 9225 M48 BPLP1-7 | 48 | 36 - 57 | 0,044 | 2,11 | M 2600 | 82,18 | 48,34 | 3,14 | 0,123 | 31,99 | 106,5 |
| VDD 9225 L48 BPLP1-7 | 48 | 36 - 57 | 0,031 | 1,48 | L 2200 | 69,54 | 40,91 | 2,25 | 0,088 | 27,56 | 106,5 |

Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

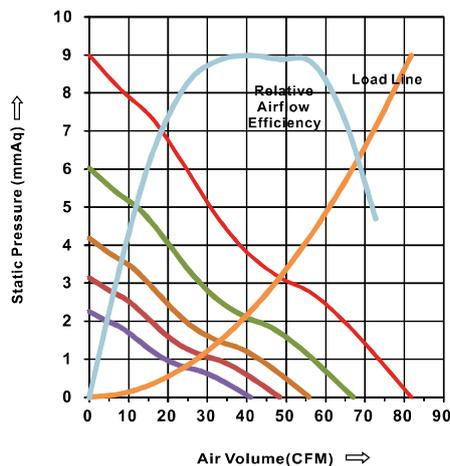
Serie disponibili / Available Series / Séries disponibles

Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

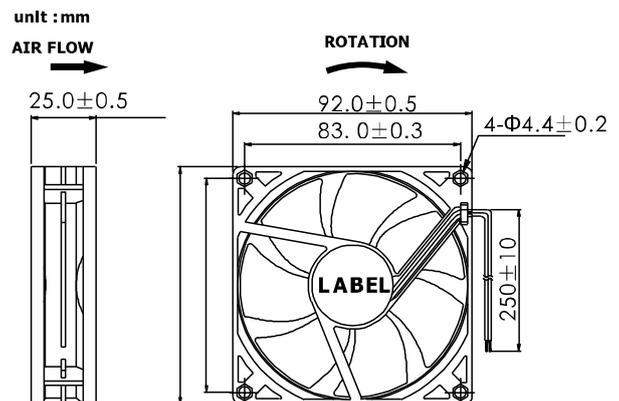
| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|----------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| • VDC | 12/24 | 3600 | 113,79 | 6,01 | | • | | ○ | ○ | | | | | | | | | | |
| ○ VDD | 12/24/48 | 4400 | 139,08 | 8,98 | ○ | • | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ○ VDR | 5/12/24 | 3600 | 113,79 | 6,01 | | • | | ○ | ○ | | | | | | | | | | |

• standard
 ○ su richiesta / upon request / sur demande specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



Max m³/h **148,55**
DC FAN
92x92x32


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0, PBT |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0, PBT |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire UL1007 AWG24 / 260 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 135 pz
 135 pcs
 135 pces

| Codice Code Code | Tensione Voltage Tension | Range di tensione Voltage range Gamme de tension | Corrente Current Courant | Potenza Power Puissance | Velocità Speed Vitesse | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression | | Rumore Noise Niveau sonore | Peso Weight Poids | |
|------------------------|--------------------------------|--|--------------------------------|-------------------------------|------------------------------|---|--------|-----------------------------------|----------------------|----------------------------------|-------------------------|-----|
| | V | V | A | W | RPM | m ³ /h | CFM | mmH ² O | inchH ² O | dbA | g | |
| VDR 9232 H05 BPLB1-7 | 5 | 04 - 06 | 0,750 | 3,75 | H | 3250 | 114,95 | 67,62 | 6,95 | 0,274 | 38,23 | 180 |
| VDR 9232 M05 BPLB1-7 | 5 | 04 - 06 | 0,600 | 3,00 | M | 2900 | 102,57 | 60,33 | 5,53 | 0,218 | 35,30 | 180 |
| VDR 9232 L05 BPLB1-7 | 5 | 04 - 06 | 0,400 | 2,00 | L | 2500 | 88,42 | 52,01 | 4,11 | 0,162 | 31,52 | 180 |
| VDR 9232 Y12 BPLB1-7 | 12 | 07 - 14 | 0,720 | 8,64 | Y | 4200 | 148,55 | 87,38 | 11,61 | 0,457 | 44,89 | 180 |
| VDR 9232 X12 BPLB1-7 | 12 | 07 - 14 | 0,564 | 6,77 | X | 3750 | 132,63 | 78,02 | 9,25 | 0,364 | 41,94 | 180 |
| VDR 9232 H12 BPLB1-7 | 12 | 07 - 14 | 0,300 | 3,60 | H | 3250 | 114,95 | 67,62 | 6,95 | 0,274 | 38,23 | 180 |
| VDR 9232 M12 BPLB1-7 | 12 | 07 - 14 | 0,250 | 3,00 | M | 2900 | 102,57 | 60,33 | 5,53 | 0,218 | 35,30 | 180 |
| VDR 9232 L12 BPLB1-7 | 12 | 07 - 14 | 0,170 | 2,04 | L | 2500 | 88,42 | 52,01 | 4,11 | 0,162 | 31,52 | 180 |
| VDR 9232 Y24 BPLB1-7 | 24 | 15 - 27 | 0,330 | 7,92 | Y | 4200 | 148,55 | 87,38 | 11,61 | 0,457 | 44,89 | 180 |
| VDR 9232 X24 BPLB1-7 | 24 | 15 - 27 | 0,280 | 6,72 | X | 3750 | 132,63 | 78,02 | 9,25 | 0,364 | 41,94 | 180 |
| VDR 9232 H24 BPLB1-7 | 24 | 15 - 27 | 0,160 | 3,84 | H | 3250 | 114,95 | 67,62 | 6,95 | 0,274 | 38,23 | 180 |
| VDR 9232 M24 BPLB1-7 | 24 | 15 - 27 | 0,140 | 3,36 | M | 2900 | 102,57 | 60,33 | 5,53 | 0,218 | 35,30 | 180 |
| VDR 9232 L24 BPLB1-7 | 24 | 15 - 27 | 0,104 | 2,50 | L | 2500 | 88,42 | 52,01 | 4,11 | 0,162 | 31,52 | 180 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

Serie disponibili / Available Series / Séries disponibles

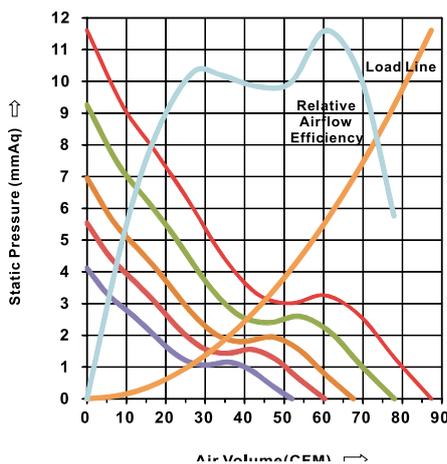
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a | 1b | 1c | 2a | 2b | 2c | 2d | 3a | 3b | 3c | 4 | 5a | 5b | 6 | 7 | |
|-------|----------|------------|--------------------------|---------------------------|----|----|----|----|----|-----|----|------|------|------|----|------|------|----|----|---|
| | | | | | IR | AS | MS | FG | RD | Rdb | LD | VPWM | IPWM | PPWM | OV | TPWM | RPWM | CL | CS | |
| • VDR | 5/12/24 | 4200 | 148,55 | 11,61 | ○ | ● | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| • VDG | 12/24/48 | 4200 | 148,55 | 11,61 | ○ | ● | | ○ | ○ | ○ | ○ | | | | ○ | | | ○ | ○ | ○ |

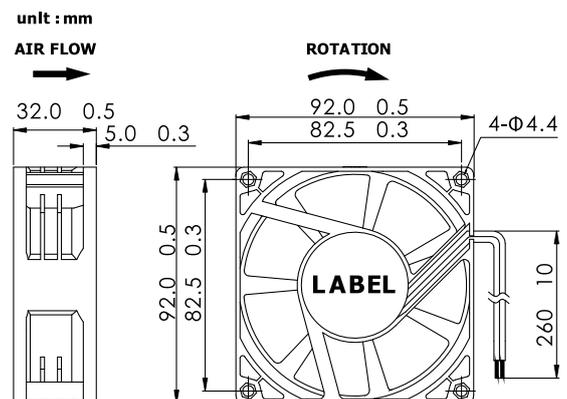
 ● standard
 ○ su richiesta / upon request / sur demande

specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



DC FAN 92x92x38

Max m³/h 225,99



| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connexion | Connexion | lead wire AWG24 / 250 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



135 pz
135 pcs
135 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression mmH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g | |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|---|--------|---|---|------------------------------|-----|
| | | | | | | m ³ /h | CFM | | | | |
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | | | |
| VDR 9238 H12 BPLB1-7 | 12 | 07 - 14 | 1,560 | 18,72 | H 6500 | 225,99 | 132,94 | 22,88 | 0,901 | 59,10 | 225 |
| VDR 9238 M12 BPLB1-7 | 12 | 07 - 14 | 0,640 | 7,68 | M 5000 | 173,84 | 102,26 | 13,54 | 0,533 | 52,20 | 225 |
| VDR 9238 L12 BPLB1-7 | 12 | 07 - 14 | 0,292 | 3,50 | L 3500 | 121,69 | 71,58 | 6,63 | 0,261 | 43,00 | 225 |
| VDR 9238 H24 BPLB1-7 | 24 | 15 - 27 | 0,720 | 17,28 | H 6500 | 225,99 | 132,94 | 22,88 | 0,901 | 59,10 | 225 |
| VDR 9238 M24 BPLB1-7 | 24 | 15 - 27 | 0,340 | 8,16 | M 5000 | 173,84 | 102,26 | 13,54 | 0,533 | 52,20 | 225 |
| VDR 9238 L24 BPLB1-7 | 24 | 15 - 27 | 0,152 | 3,65 | L 3500 | 121,69 | 71,58 | 6,63 | 0,261 | 43,00 | 225 |
| VDR 9238 H48 BPLB1-7 | 48 | 36 - 57 | 0,351 | 16,85 | H 6500 | 225,99 | 132,94 | 22,88 | 0,901 | 59,10 | 225 |
| VDR 9238 M48 BPLB1-7 | 48 | 36 - 57 | 0,176 | 8,45 | M 5000 | 173,84 | 102,26 | 13,54 | 0,533 | 52,20 | 225 |
| VDR 9238 L48 BPLB1-7 | 48 | 36 - 57 | 0,080 | 3,84 | L 3500 | 121,69 | 71,58 | 6,63 | 0,261 | 43,00 | 225 |

Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles

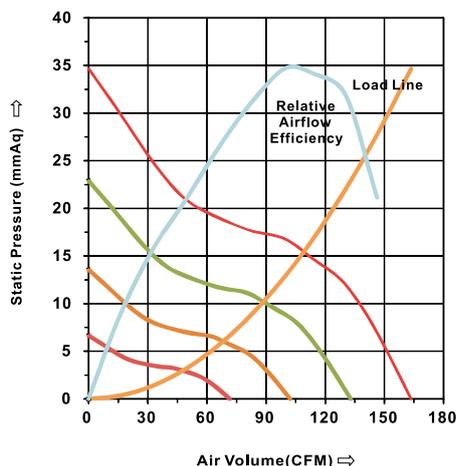
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS | |
|-------|----------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|---|
| ● VDR | 12/24/48 | 6500 | 225,99 | 22,88 | ○ | ● | | ○ | ○ | ○ | ○ | | | | | | | | | ○ |
| ○ VDK | 12/24/48 | 8000 | 278,14 | 34,65 | ○ | ● | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |

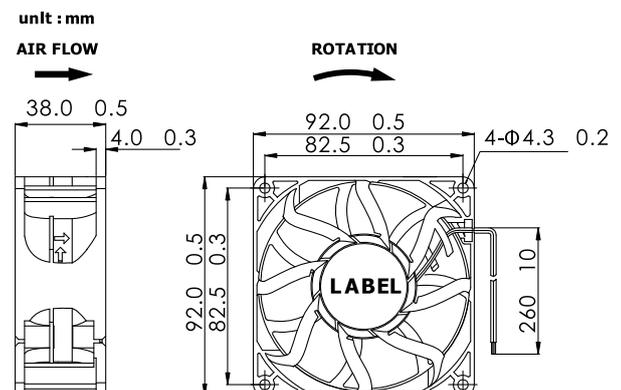
● standard
○ su richiesta / upon request / sur demande

specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

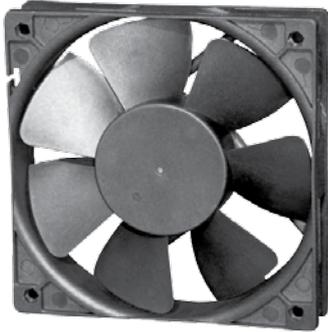
Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



Max m³/h 219,99

DC FAN
120x120x25


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 240 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 40 pz
 40 pcs
 40 pces

| Codice Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air m ³ /h CFM | Pressione Pressure Pression mmH ² O inchH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g |
|---|----------------------------|--|----------------------------|---------------------------|----------------------------|---|---|--------------------------------|---------------------|
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | |
| VDR 1225 Y12 BPLB1-7 | 12 | 07 - 14 | 0,670 | 8,04 | Y 4200 | 219,99 129,41 | 13,58 0,534 | 50,97 | 212 |
| VDR 1225 X12 BPLB1-7 | 12 | 07 - 14 | 0,520 | 6,24 | X 3750 | 192,90 113,47 | 11,17 0,440 | 48,45 | 212 |
| VDR 1225 H12 BPLP1-7 | 12 | 07 - 14 | 0,365 | 4,38 | H 3250 | 169,09 99,47 | 8,11 0,319 | 43,02 | 212 |
| VDR 1225 M12 BPLP1-7 | 12 | 07 - 14 | 0,250 | 3,00 | M 2900 | 149,86 88,15 | 6,59 0,259 | 40,09 | 212 |
| VDR 1225 L12 BPLP1-7 | 12 | 07 - 14 | 0,180 | 2,16 | L 2600 | 132,87 78,16 | 5,25 0,207 | 37,19 | 212 |
| VDR 1225 Y24 BPLB1-7 | 24 | 15 - 27 | 0,370 | 8,88 | Y 4200 | 219,99 129,41 | 13,58 0,534 | 50,97 | 212 |
| VDR 1225 X24 BPLB1-7 | 24 | 15 - 27 | 0,300 | 7,20 | X 3750 | 192,90 113,47 | 11,17 0,440 | 48,45 | 212 |
| VDR 1225 H24 BPLP1-7 | 24 | 15 - 27 | 0,165 | 3,96 | H 3250 | 169,09 99,47 | 8,11 0,319 | 43,02 | 212 |
| VDR 1225 M24 BPLP1-7 | 24 | 15 - 27 | 0,140 | 3,36 | M 2900 | 149,86 88,15 | 6,59 0,259 | 40,09 | 212 |
| VDR 1225 L24 BPLP1-7 | 24 | 15 - 27 | 0,100 | 2,40 | L 2600 | 132,87 78,16 | 5,25 0,207 | 37,19 | 212 |
| VDR 1225 Y48 BPLB1-7 | 48 | 36 - 57 | 0,228 | 10,94 | Y 4200 | 219,99 129,41 | 13,58 0,534 | 50,97 | 212 |
| VDR 1225 X48 BPLB1-7 | 48 | 36 - 57 | 0,160 | 7,68 | X 3750 | 192,90 113,47 | 11,17 0,440 | 48,45 | 212 |
| VDR 1225 H48 BPLP1-7 | 48 | 36 - 57 | 0,090 | 4,32 | H 3250 | 169,09 99,47 | 8,11 0,319 | 43,02 | 212 |
| VDR 1225 M48 BPLP1-7 | 48 | 36 - 57 | 0,080 | 3,84 | M 2900 | 149,86 88,15 | 6,59 0,259 | 40,09 | 212 |
| VDR 1225 L48 BPLP1-7 | 48 | 36 - 57 | 0,060 | 2,88 | L 2600 | 132,87 78,16 | 5,25 0,207 | 37,19 | 212 |

 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles

Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

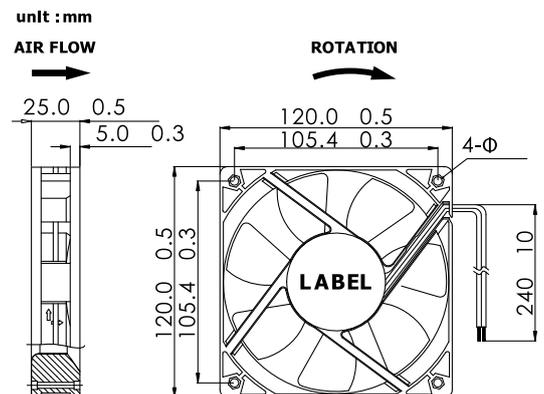
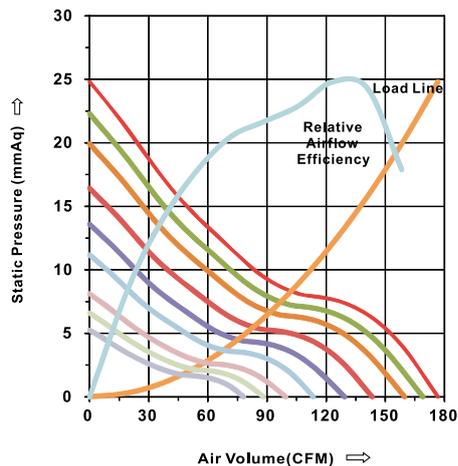
| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|------------|---------|-----------------------|------------------------|-------|-------|-------|-------|-------|--------|-------|---------|---------|---------|------|---------|---------|------|------|
| • VDR | 5/12/24/48 | 4200 | 219,99 | 13,58 | ○ | ● | ○ | ○ | ○ | ○ | | | | | | | | | |
| ○ VDG | 12/24/48 | 4200 | 219,99 | 13,58 | ○ | ● | ○ | ○ | ○ | ○ | | | | | ○ | | | ○ | ● |
| ○ VDP | 12/24/48 | 4200 | 219,99 | 13,58 | ○ | ● | ○ | ○ | ○ | ○ | | | | | ○ | ○ | ○ | ○ | ● |
| ○ VDK | 12/24/48 | 5800 | 300,47 | 24,80 | ○ | ● | ○ | ○ | ○ | ○ | | | | | ○ | ○ | ○ | ○ | ● |

 ● standard
 ○ su richiesta / upon request / sur demande

 specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions



DC FAN 120x120x32

 Max m³/h 292,78


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 5 |
| Connessione | Connection | Connexion | lead wire AWG24 / 240 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression mmH ₂ O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g | |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|---|--------|---|---|------------------------------|-----|
| | | | | | | m ³ /h | CFM | | | | |
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | | | |
| VDR 1232 Y12 BPLB1-5 | 12 | 07 - 14 | 1,498 | 17,98 | Y 4200 | 292,78 | 172,22 | 16,49 | 0,649 | 54,43 | 280 |
| VDR 1232 X12 BPLB1-5 | 12 | 07 - 14 | 1,056 | 12,67 | X 3750 | 262,49 | 154,41 | 13,13 | 0,517 | 51,63 | 280 |
| VDR 1232 H12 BPLB1-5 | 12 | 07 - 14 | 0,600 | 7,20 | H 3250 | 228,16 | 134,21 | 9,77 | 0,385 | 47,92 | 280 |
| VDR 1232 M12 BPLB1-5 | 12 | 07 - 14 | 0,420 | 5,04 | M 2900 | 203,78 | 119,87 | 7,78 | 0,306 | 44,90 | 280 |
| VDR 1232 L12 BPLB1-5 | 12 | 07 - 14 | 0,280 | 3,36 | L 2600 | 182,73 | 107,49 | 6,27 | 0,247 | 42,07 | 280 |
| VDR 1232 Y24 BPLB1-5 | 24 | 15 - 27 | 0,640 | 15,36 | Y 4200 | 292,78 | 172,22 | 16,49 | 0,649 | 54,43 | 280 |
| VDR 1232 X24 BPLB1-5 | 24 | 15 - 27 | 0,532 | 12,76 | X 3750 | 262,49 | 154,41 | 13,13 | 0,517 | 51,63 | 280 |
| VDR 1232 H24 BPLB1-5 | 24 | 15 - 27 | 0,310 | 7,44 | H 3250 | 228,16 | 134,21 | 9,77 | 0,385 | 47,92 | 280 |
| VDR 1232 M24 BPLB1-5 | 24 | 15 - 27 | 0,220 | 6,28 | M 2900 | 203,78 | 119,87 | 7,78 | 0,306 | 44,90 | 280 |
| VDR 1232 L24 BPLB1-5 | 24 | 15 - 27 | 0,182 | 4,37 | L 2600 | 182,73 | 107,49 | 6,27 | 0,247 | 42,07 | 280 |
| VDR 1232 Y48 BPLB1-5 | 48 | 36 - 57 | 0,348 | 16,70 | Y 4200 | 292,78 | 172,22 | 16,49 | 0,649 | 54,43 | 280 |
| VDR 1232 X48 BPLB1-5 | 48 | 36 - 57 | 0,257 | 12,36 | X 3750 | 262,49 | 154,41 | 13,13 | 0,517 | 51,63 | 280 |
| VDR 1232 H48 BPLB1-5 | 48 | 36 - 57 | 0,176 | 8,45 | H 3250 | 228,16 | 134,21 | 9,77 | 0,385 | 47,92 | 280 |
| VDR 1232 M48 BPLB1-5 | 48 | 36 - 57 | 0,126 | 6,05 | M 2900 | 203,78 | 119,87 | 7,78 | 0,306 | 44,90 | 280 |
| VDR 1232 L48 BPLB1-5 | 48 | 36 - 57 | 0,090 | 4,32 | L 2600 | 182,73 | 107,49 | 6,27 | 0,247 | 42,07 | 280 |

Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 S PLB1-7

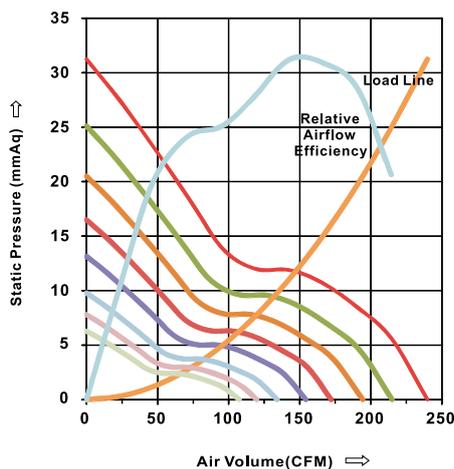
Serie disponibili / Available Series / Séries disponibles

Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

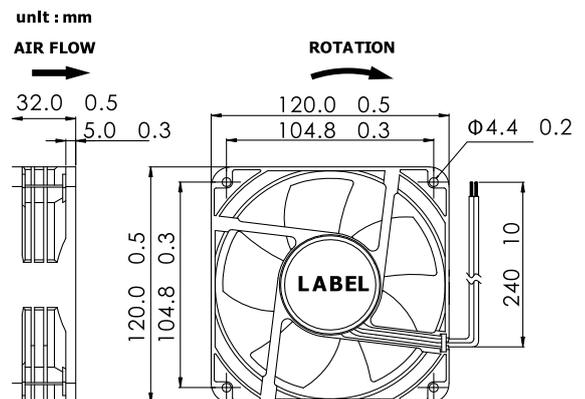
| Serie | Volt | RPM Max | m ³ /h Max | mmH ₂ O Max | 1a | 1b | 1c | 2a | 2b | 2c | 2d | 3a | 3b | 3c | 4 | 5a | 5b | 6 | 7 | |
|-------|----------|------------|--------------------------|---------------------------|----|----|----|----|----|-----|----|------|------|------|----|------|------|----|----|---|
| | | | | | IR | AS | MS | FG | RD | Rdb | LD | VPWM | IPWM | PPWM | OV | TPWM | RPWM | CL | CS | |
| • VDR | 12/24/48 | 4200 | 292,78 | 16,49 | ○ | ● | | ○ | ○ | ○ | | | | | | | | | | |
| ○ VDG | 12/24/48 | 4200 | 292,78 | 16,49 | ○ | ● | | ○ | ○ | ○ | ○ | | | | ○ | | | ○ | | ● |
| ○ VDP | 12/24/48 | 4200 | 292,78 | 16,49 | ○ | ● | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | ● |
| ○ VDK | 12/24/48 | 5800 | 407,87 | 31,22 | ○ | ● | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | | ● |

● standard
 ○ su richiesta / upon request / sur demande
 ⓘ specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



Max m³/h **285,02**
DC FAN
120x120x38


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Thermoplastic UL94-V0 |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 7 |
| Connessione | Connection | Connexion | lead wire AWG24 / 240 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |


 40 pz
 40 pcs
 40 pces

| Codice Code Code | Tensione Voltage Tension V | Range di tensione Voltage range Gamme de tension V | Corrente Current Courant A | Potenza Power Puissance W | Velocità Speed Vitesse RPM | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression mmH ² O | Rumore Noise Niveau sonore dbA | Peso Weight Poids g | | |
|---|-------------------------------------|---|-------------------------------------|------------------------------------|-------------------------------------|---|--------|---|---|------------------------------|-------|-----|
| | | | | | | m ³ /h | CFM | | | | | |
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | | | | |
| VDR 1238 Y12 BPLB1-7 | 12 | 07 - 14 | 1,267 | 15,20 | Y | 4200 | 285,02 | 167,66 | 17,92 | 0,706 | 52,99 | 313 |
| VDR 1238 X12 BPLB1-7 | 12 | 07 - 14 | 0,822 | 9,86 | X | 3750 | 256,20 | 150,71 | 15,17 | 0,597 | 50,32 | 313 |
| VDR 1238 H12 BPLB1-7 | 12 | 07 - 14 | 0,510 | 6,12 | H | 3250 | 221,76 | 130,45 | 11,14 | 0,439 | 46,13 | 313 |
| VDR 1238 M12 BPLB1-7 | 12 | 07 - 14 | 0,400 | 4,80 | M | 2900 | 195,91 | 115,24 | 8,81 | 0,347 | 42,96 | 313 |
| VDR 1238 L12 BPLB1-7 | 12 | 07 - 14 | 0,300 | 3,60 | L | 2600 | 177,59 | 104,46 | 7,26 | 0,286 | 39,83 | 313 |
| VDR 1238 Y24 BPLB1-7 | 24 | 15 - 27 | 0,580 | 13,92 | Y | 4200 | 285,02 | 167,66 | 17,92 | 0,706 | 52,99 | 313 |
| VDR 1238 X24 BPLB1-7 | 24 | 15 - 27 | 0,460 | 11,04 | X | 3750 | 256,20 | 150,71 | 15,17 | 0,597 | 50,32 | 313 |
| VDR 1238 H24 BPLB1-7 | 24 | 15 - 27 | 0,300 | 7,20 | H | 3250 | 221,76 | 130,45 | 11,14 | 0,439 | 46,13 | 313 |
| VDR 1238 M24 BPLB1-7 | 24 | 15 - 27 | 0,238 | 5,71 | M | 2900 | 195,91 | 115,24 | 8,81 | 0,347 | 42,96 | 313 |
| VDR 1238 L24 BPLB1-7 | 24 | 15 - 27 | 0,160 | 3,84 | L | 2600 | 177,59 | 104,46 | 7,26 | 0,286 | 39,83 | 313 |
| VDR 1238 Y48 BPLB1-7 | 48 | 36 - 57 | 0,350 | 16,80 | Y | 4200 | 285,02 | 167,66 | 17,92 | 0,706 | 52,99 | 313 |
| VDR 1238 X48 BPLB1-7 | 48 | 36 - 57 | 0,220 | 10,56 | X | 3750 | 256,20 | 150,71 | 15,17 | 0,597 | 50,32 | 313 |
| VDR 1238 H48 BPLB1-7 | 48 | 36 - 57 | 0,150 | 7,20 | H | 3250 | 221,76 | 130,45 | 11,14 | 0,439 | 46,13 | 313 |
| VDR 1238 M48 BPLB1-7 | 48 | 36 - 57 | 0,110 | 5,28 | M | 2900 | 195,91 | 115,24 | 8,81 | 0,347 | 42,96 | 313 |
| VDR 1238 L48 BPLB1-7 | 48 | 36 - 57 | 0,080 | 3,84 | L | 2600 | 177,59 | 104,46 | 7,26 | 0,286 | 39,83 | 313 |


 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles

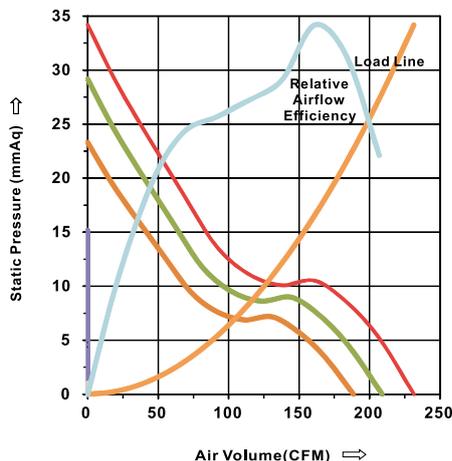
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a IR | 1b AS | 1c MS | 2a FG | 2b RD | 2c Rdb | 2d LD | 3a VPWM | 3b IPWM | 3c PPWM | 4 OV | 5a TPWM | 5b RPWM | 6 CL | 7 CS |
|-------|------------|------------|--------------------------|---------------------------|----------|----------|----------|----------|----------|-----------|----------|------------|------------|------------|---------|------------|------------|---------|---------|
| ● VDR | 5/12/24/48 | 4200 | 285,02 | 17,92 | ○ | ● | ○ | ○ | ○ | ○ | | | | | | | | | |
| ○ VDG | 12/24/48 | 4200 | 285,02 | 17,92 | ○ | ● | ○ | ○ | ○ | ○ | | | | | ○ | | | ○ | ● |
| ○ VDP | 12/24/48 | 4200 | 285,02 | 17,92 | ○ | ● | ○ | ○ | ○ | ○ | | | | | ○ | ○ | ○ | ○ | ● |
| ○ VDK | 12/24/48 | 5800 | 393,60 | 34,17 | ○ | ● | ○ | ○ | ○ | ○ | | | | | ○ | ○ | ○ | ○ | ● |

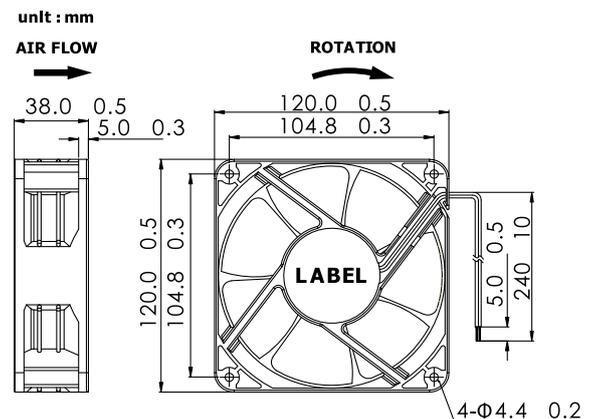

 ● standard
 ○ su richiesta / upon request / sur demande


specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air



Dimensioni | Dimensions | Dimensions



DC FAN 172x150x51

 Max m³/h 636,31


| | | | |
|--------------------------|-----------------------|---------------------------|---|
| Sistema di supporto | Bearing System | Système de support | Ball / Sleeve |
| Materiale telaio | Frame material | Matériel du chassis | Aluminum |
| Materiale pale | Blade material | Matériel des pâles | Thermoplastic UL94-V0 |
| Numero pale | N. blade | Nombre de pâles | 5 |
| Connessione | Connection | Connexion | lead wire AWG24 / 210 mm |
| Temperatura di lavoro | Operating temperature | Température d'utilisation | -10°C ~ + 70°C |
| Vita | Life | Vie | ball 50000 h 25 °C sleeve 30000 h 25 °C |
| Resistenza di isolamento | Insulation resistance | Résistance de l'isolement | More than 100 MΩ between internal stator and lead wires |
| Rigidità dielettrica | Dielectric strenght | Rigidité diélectrique | 500Vac (1mA) for one minute or 600Vac for 1 second between housing and lead wires |
| Protezione | Protection | Protection | Protected against reverse polarity and locked rotor for minimum 72h |



 20 pz
 20 pcs
 20 pces

| Codice Code Code | Tensione Voltage Tension | Range di tensione Voltage range Gamme de tension | Corrente Current Courant | Potenza Power Puissance | Velocità Speed Vitesse | Portata Aria Air Flow Débit d'Air | | Pressione Pressure Pression | | Rumore Noise Niveau sonore | Peso Weight Poids |
|---|--------------------------------|--|--------------------------------|-------------------------------|------------------------------|---|--------|-----------------------------------|----------------------|----------------------------------|-------------------------|
| | V | V | A | W | RPM | m ³ /h | CFM | mmH ² O | inchH ² O | dbA | g |
| Cuscinetti a sfera Ball bearing Roulement à billes | | | | | | | | | | | |
| VDP 1751 H12 BALB1-5 | 12 | 07 - 14 | 1,512 | 18,14 | H 3500 | 428,35 | 251,97 | 17,31 | 0,681 | 57,70 | 748 |
| VDP 1751 M12 BALB1-5 | 12 | 07 - 14 | 0,850 | 10,20 | M 3000 | 367,16 | 215,97 | 12,72 | 0,501 | 53,68 | 748 |
| VDP 1751 L12 BALB1-5 | 12 | 07 - 14 | 0,540 | 6,48 | L 2500 | 305,96 | 179,98 | 8,83 | 0,348 | 48,93 | 748 |
| VDP 1751 Z24 BALB1-5 | 24 | 15 - 27 | 1,800 | 43,20 | Z 5200 | 636,40 | 374,35 | 38,31 | 1,504 | 68,01 | 748 |
| VDP 1751 Y24 BALB1-5 | 24 | 15 - 27 | 1,200 | 28,80 | Y 4500 | 550,73 | 323,96 | 28,61 | 1,127 | 64,24 | 748 |
| VDP 1751 X24 BALB1-5 | 24 | 15 - 27 | 0,834 | 20,02 | X 4000 | 489,54 | 287,97 | 22,61 | 0,890 | 61,18 | 748 |
| VDP 1751 H24 BALB1-5 | 24 | 15 - 27 | 0,600 | 14,40 | H 3500 | 428,35 | 251,97 | 17,31 | 0,681 | 57,70 | 748 |
| VDP 1751 M24 BALB1-5 | 24 | 15 - 27 | 0,420 | 10,08 | M 3000 | 367,16 | 215,97 | 12,72 | 0,501 | 53,68 | 748 |
| VDP 1751 L24 BALB1-5 | 24 | 15 - 27 | 0,290 | 6,96 | L 2500 | 305,96 | 179,98 | 8,83 | 0,348 | 48,93 | 748 |
| VDP 1751 Z48 BALB1-5 | 48 | 36 - 57 | 0,875 | 42,00 | Z 5200 | 636,40 | 374,35 | 38,31 | 1,504 | 68,01 | 748 |
| VDP 1751 Y48 BALB1-5 | 48 | 36 - 57 | 0,567 | 27,22 | Y 4500 | 550,73 | 323,96 | 28,61 | 1,127 | 64,24 | 748 |
| VDP 1751 X48 BALB1-5 | 48 | 36 - 57 | 0,410 | 19,68 | X 4000 | 489,54 | 287,97 | 22,61 | 0,890 | 61,18 | 748 |
| VDP 1751 H48 BALB1-5 | 48 | 36 - 57 | 0,298 | 14,30 | H 3500 | 428,35 | 251,97 | 17,31 | 0,681 | 57,70 | 748 |
| VDP 1751 M48 BALB1-5 | 48 | 36 - 57 | 0,230 | 11,04 | M 3000 | 367,16 | 215,97 | 12,72 | 0,501 | 53,68 | 748 |
| VDP 1751 L48 BALB1-5 | 48 | 36 - 57 | 0,164 | 7,87 | L 2500 | 305,96 | 179,98 | 8,83 | 0,348 | 48,93 | 748 |

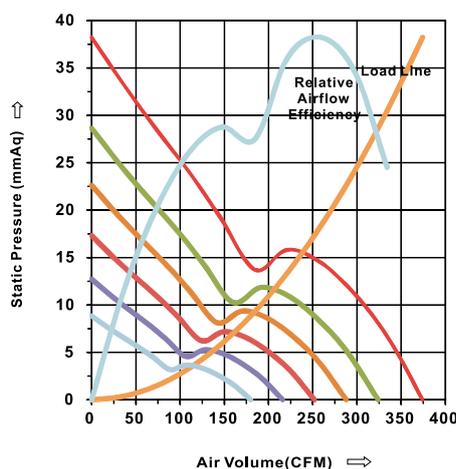
 Disponibile anche in versione bronzina / Available also in sleeve bearing version / Disponible également en version à paliers lisses
 Es. ref. VDR 1232 H12 PLB1-7

Serie disponibili / Available Series / Séries disponibles
Funzioni aggiuntive / Additional Functions / Fonctions additionnelles

| Serie | Volt | RPM Max | m ³ /h Max | mmH ² O Max | 1a | 1b | 1c | 2a | 2b | 2c | 2d | 3a | 3b | 3c | 4 | 5a | 5b | 6 | 7 | |
|-------|----------|------------|--------------------------|---------------------------|----|----|----|----|----|-----|----|------|------|------|----|------|------|----|----|---|
| | | | | | IR | AS | MS | FG | RD | Rdb | LD | VPWM | IPWM | PPWM | OV | TPWM | RPWM | CL | CS | |
| ○ VDG | 12/24/48 | 4500 | 550,73 | 28,61 | ○ | ● | | ○ | ○ | ○ | ○ | | | | ○ | | | ○ | ● | |
| ● VDP | 12/24/48 | 5200 | 636,40 | 38,21 | ○ | ● | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |

 ● standard
 ○ su richiesta / upon request / sur demande

 specifiche pag. 8-9 / specifications pag. 8-9 / détail pag. 8-9

Portata Aria | Air Flow | Débit d'Air

Dimensioni | Dimensions | Dimensions
