

MHR

ASPIRATORE VENTILATORE CENTRIFUGO
CENTRIFUGAL FAN



GIRANTE A PALE CURVE ROVESCE O RADIALI
BACKWARD CURVED OR RADIAL BLADES IMPELLER



ALTISSIMA PRESSIONE
VERY HIGH PRESSURE

Portata/Flow rate:
150 ÷ 3500 m³/h

Pressione/Pressure:
180 ÷ 1400 mm H₂O





MHR

ASPIRATORE VENTILATORE CENTRIFUGO CENTRIFUGAL FAN



I ventilatori della serie MHR sono indicati per l'utilizzo in tutti i campi in cui siano necessarie portate relativamente piccole con pressioni elevate di aria pulita.

L'esecuzione standard prevede l'utilizzo di coclee con profili bordati, telaio di base, giranti a pale rovesce tutti in acciaio al carbonio verniciati e l'installazione di motori elettrici a 2 poli.

I fluidi trasportati possono raggiungere una temperatura massima di 80°C in esecuzione standard; nel caso di esecuzioni speciali, sono ammessi valori massimi di 180°C. A richiesta sono disponibili esecuzioni in acciaio inossidabile; i ventilatori della serie MHR sono fornibili anche in conformità alla direttiva ATEX (94/9/CE).

MHR series blowers are suitable for all applications requiring quite small flow rates with high pressures of clean air.

Standard execution blowers are provided with edged steel sheets casings, carbon steel base frames, backward blades painted impellers and 2 poles electrical motors.

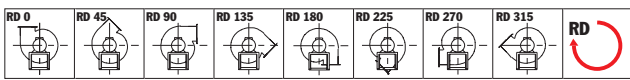
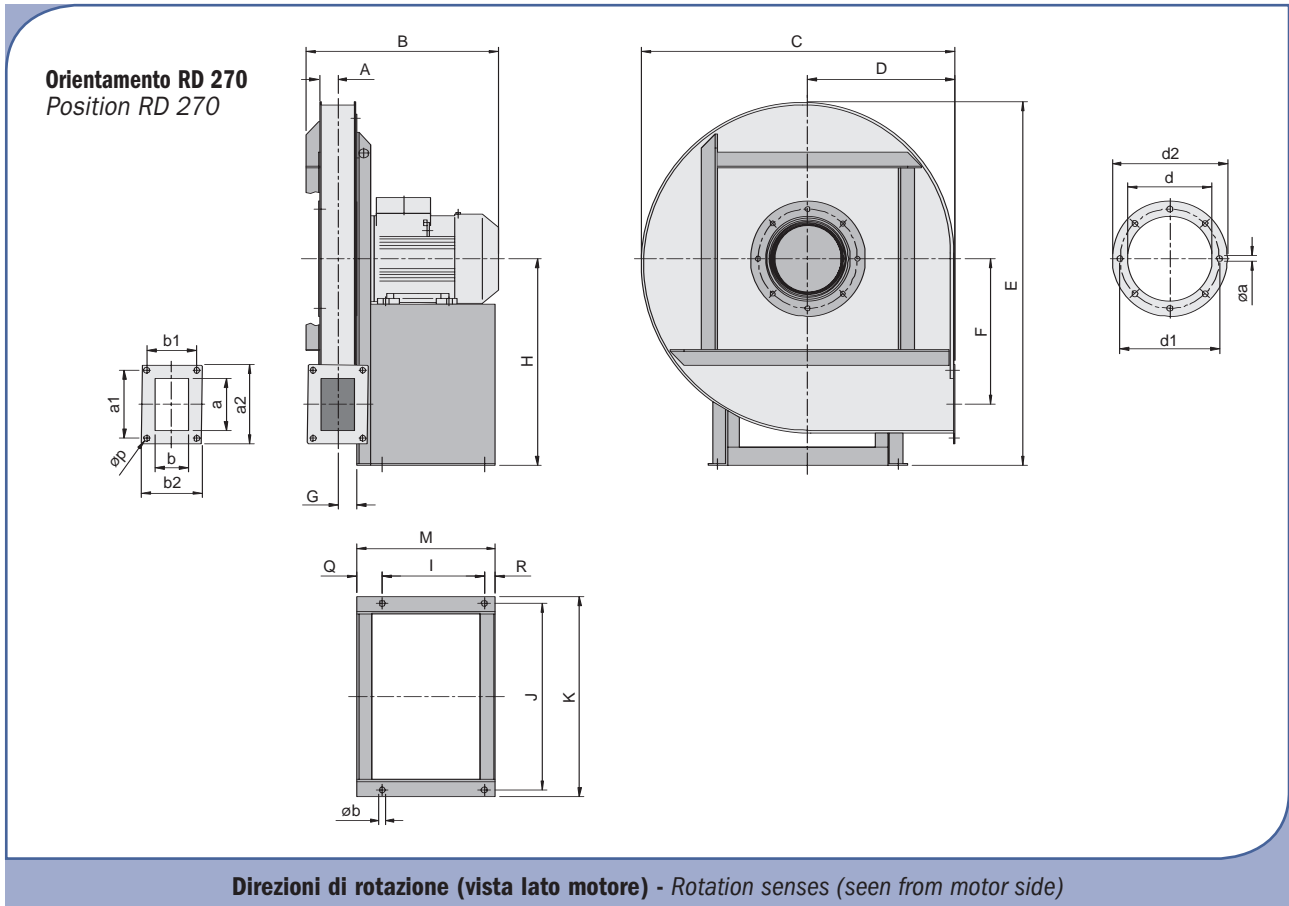
Transported fluids can reach maximum temperature of 80°C for standard execution; for special executions maximum values of 180°C are allowed.

On demand, special stainless steel execution are available;

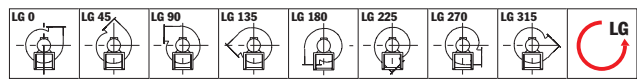
MHR blowers are available also according to ATEX directive (94/9/CE).



Esecuzione 4 (con basamento) - Arrangement 4 (with base frame)

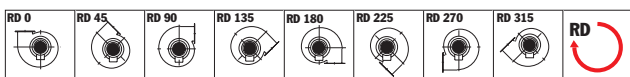
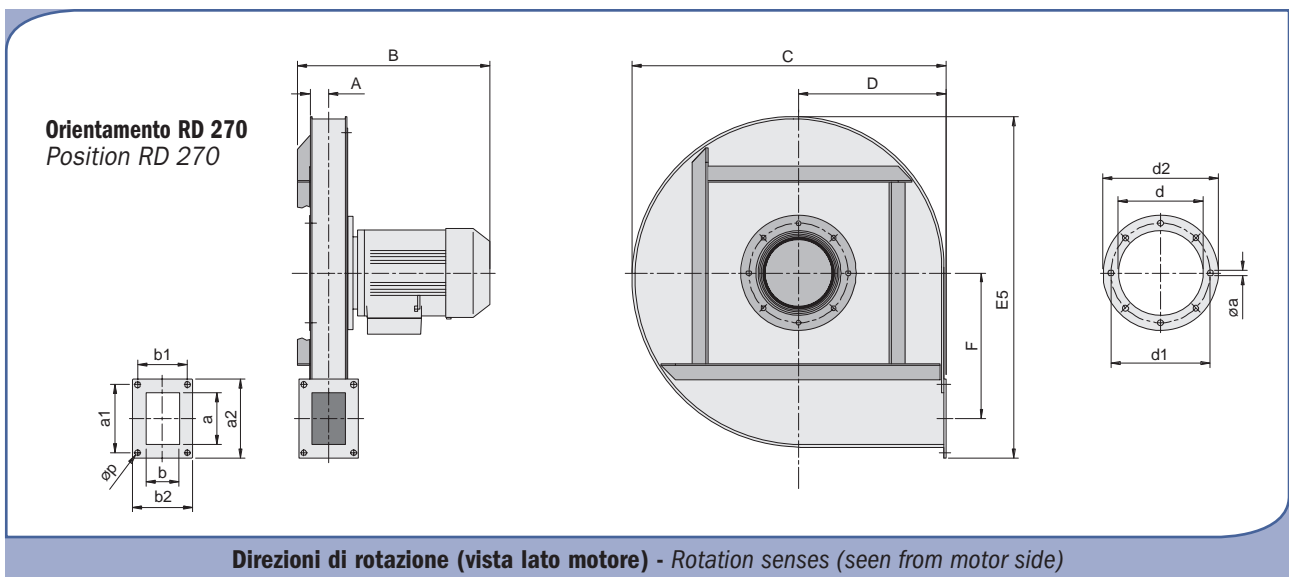


Rotazione oraria - Clockwise rotation sense

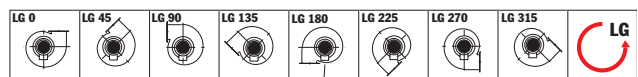


Rotazione anti-oraria - Anti-Clockwise rotation sense

Esecuzione 5 - Arrangement 5



Rotazione oraria - Clockwise rotation sense



Rotazione anti-oraria - Anti-Clockwise rotation sense

DIMENSIONI D'INGOMBRO

OVERALL DIMENSIONS



Peso ventilatore in Kgf (completo di motore) - Weight of ventilator (complete with motor)

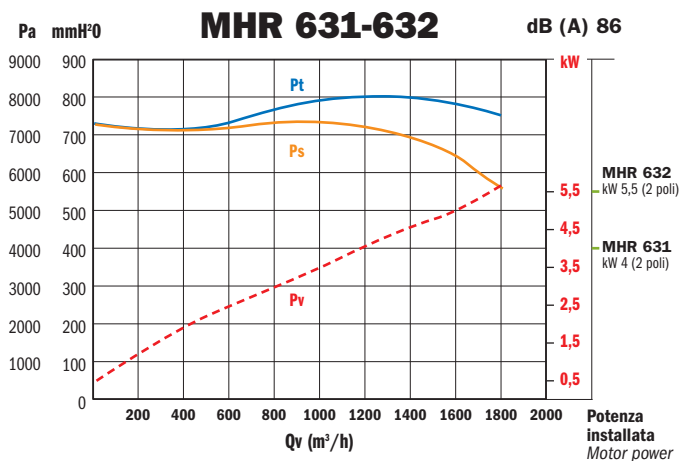
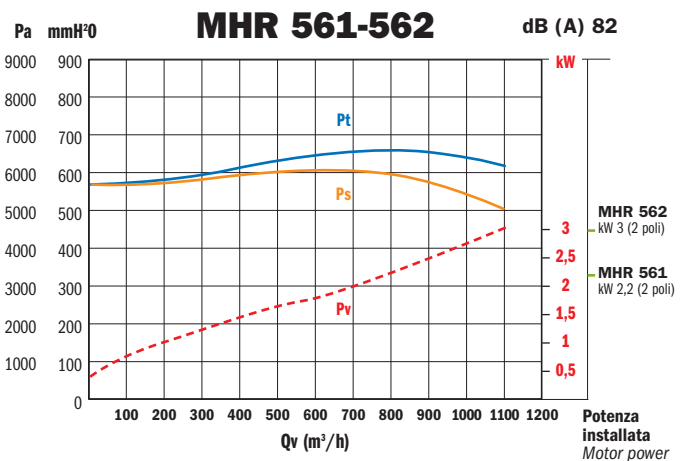
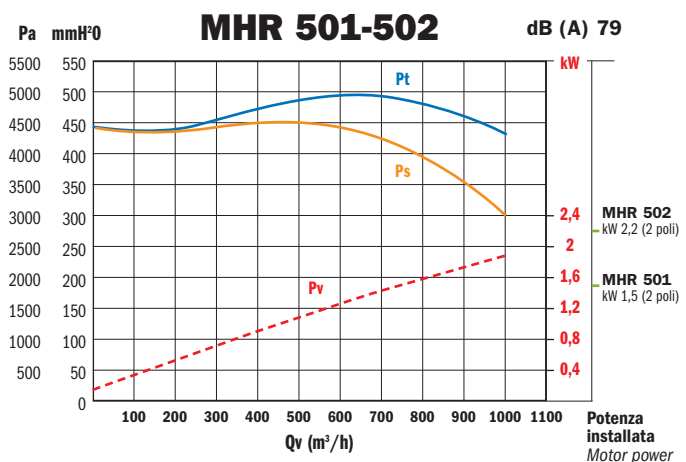
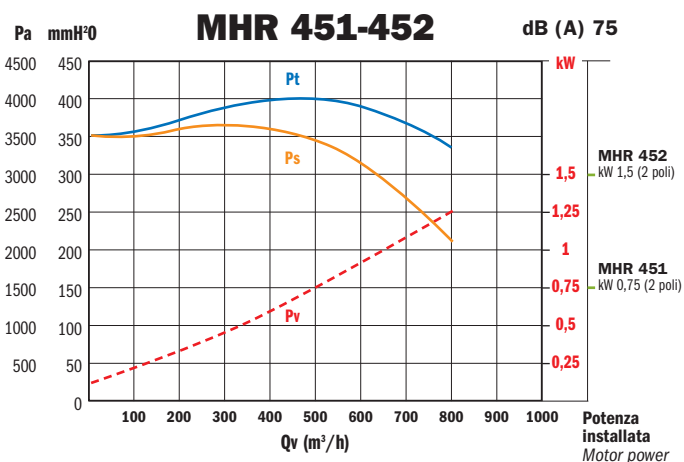
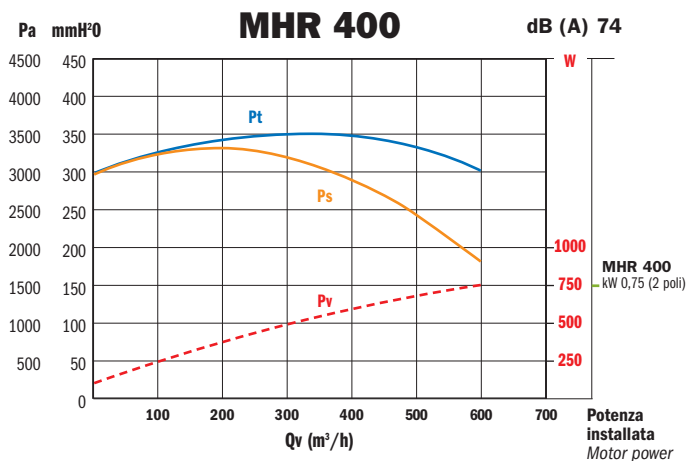
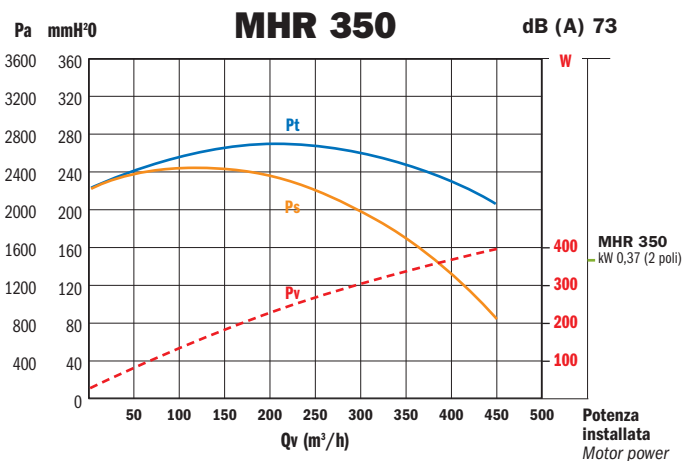
Nota: Quota B indicativa - Note: B quote indicative

| TIPO - TYPE | | kW inst. | PESO WEIGHT kgf | VENTILATORE FAN | | | | | | | | |
|----------------------------------|--------------------------------|-------------|-----------------------|--------------------|------------|------|-----|------|------|-----|----|-----|
| VENTILATORE FAN | MOTORE MOTOR | | | A | B | C | D | E | E5 | F | G | H |
| MHR 350 | 71 M2 | 0,37 | 21 | 29 | 270 | 450 | 213 | 505 | 491 | 206 | 29 | 280 |
| MHR 400 | 80 M2 | 0,75 | 28 | 32 | 300 | 515 | 243 | 572 | 567 | 240 | 32 | 315 |
| MHR 451 MHR 452 | 80 M2 90 S2 | 0,75 1,5 | 30 | 36 | 320 340 | 570 | 266 | 660 | 627 | 266 | 36 | 375 |
| MHR 501 MHR 502 | 90 S2 90 L2 | 1,5 2,2 | 57 | 40 | 345 370 | 630 | 295 | 730 | 690 | 294 | 40 | 415 |
| MHR 561 MHR 562 | 90 L2 100 L2 | 2,2 3 | 80 | 44 | 380 410 | 692 | 325 | 800 | 753 | 321 | 44 | 455 |
| MHR 631 MHR 632 | 112 M2 132 S2 | 4 5,5 | 140 | 48 | 435 465 | 780 | 367 | 895 | 849 | 365 | 48 | 505 |
| MHR 671 MHR 672 | 132 S2 132 S2 | 5,5 7,5 | 163 | 51 | 475 | 830 | 390 | 950 | 902 | 390 | 51 | 535 |
| MHR 711 MHR 712 | 132 S2 160 M2 | 7,5 11 | 210 | 53 | 480 610 | 867 | 408 | 990 | 944 | 407 | 53 | 555 |
| MHR 761 MHR 762 | 160 M2 160 M2 | 11 15 | 270 | 62 | 625 | 948 | 445 | 1055 | 1030 | 445 | 62 | 580 |
| MHR 811 MHR 812 | 160 L2 180 M2 | 18,5 22 | 320 | 80 | 710 730 | 1120 | 534 | 1250 | 1196 | 528 | 80 | 715 |

| TIPO - TYPE | FLANGIA ASPIRANTE INLET FLANGE | | | | | FLANGIA PREMENTE OUTLET FLANGE | | | | | | | | | | BASAMENTO BASE | | | | | | | |
|----------------------------------|-----------------------------------|-----|----------------|----------------|----|-----------------------------------|-----|-----|----------------|----------------|----------------|----------------|------|------|----|-------------------|-----|-----|-----|----|----|----|----|
| | VENTILATORE FAN | d | d ₁ | d ₂ | n° | ∅a | a | b | a ₁ | b ₁ | a ₂ | b ₂ | n:xp | n:xp | n° | ∅p | I | J | K | M | Q | R | ∅b |
| MHR 350 | 121 | 151 | 180 | 8 | 11 | 64 | 44 | 94 | 76 | 120 | 102 | - | - | 4 | 11 | 135 | 210 | 240 | 210 | 50 | 25 | 11 | 11 |
| MHR 400 | 135 | 165 | 195 | 8 | 11 | 74 | 50 | 110 | 88 | 140 | 110 | - | - | 4 | 11 | 175 | 250 | 280 | 250 | 50 | 25 | 11 | 11 |
| MHR 451 MHR 452 | 152 | 182 | 217 | 8 | 11 | 92 | 58 | 130 | 96 | 152 | 118 | - | - | 4 | 11 | 175 | 290 | 320 | 250 | 50 | 25 | 11 | 11 |
| MHR 501 MHR 502 | 168 | 200 | 235 | 8 | 11 | 102 | 65 | 140 | 102 | 162 | 125 | - | - | 4 | 11 | 225 | 350 | 390 | 305 | 55 | 25 | 11 | 11 |
| MHR 561 MHR 562 | 187 | 219 | 254 | 8 | 11 | 114 | 73 | 150 | 110 | 174 | 133 | - | - | 4 | 11 | 225 | 400 | 440 | 305 | 55 | 25 | 11 | 11 |
| MHR 631 MHR 632 | 219 | 241 | 276 | 8 | 11 | 127 | 82 | 160 | 120 | 187 | 142 | - | - | 4 | 11 | 300 | 440 | 480 | 380 | 55 | 25 | 11 | 11 |
| MHR 671 MHR 672 | 233 | 265 | 300 | 8 | 11 | 134 | 87 | 170 | 126 | 194 | 147 | - | - | 4 | 11 | 300 | 440 | 480 | 380 | 55 | 25 | 11 | 11 |
| MHR 711 MHR 712 | 233 | 265 | 300 | 8 | 11 | 142 | 92 | 182 | 132 | 204 | 154 | - | - | 4 | 11 | 300 | 480 | 520 | 380 | 55 | 25 | 13 | 13 |
| MHR 761 MHR 762 | 250 | 280 | 315 | 8 | 11 | 160 | 110 | 190 | 140 | 220 | 170 | - | 1x95 | 6 | 11 | 300 | 480 | 520 | 380 | 55 | 25 | 13 | 13 |
| MHR 811 MHR 812 | 250 | 292 | 330 | 8 | 11 | 200 | 144 | 240 | 180 | 265 | 210 | 1x95 | 2x95 | 10 | 11 | 330 | 420 | 460 | 410 | 55 | 25 | 13 | 13 |

DIRETTAMENTE ACCOPPIATI CON MOTORE A 2 POLI

DIRECT CONNECTION FOR 2 POLES MOTORS

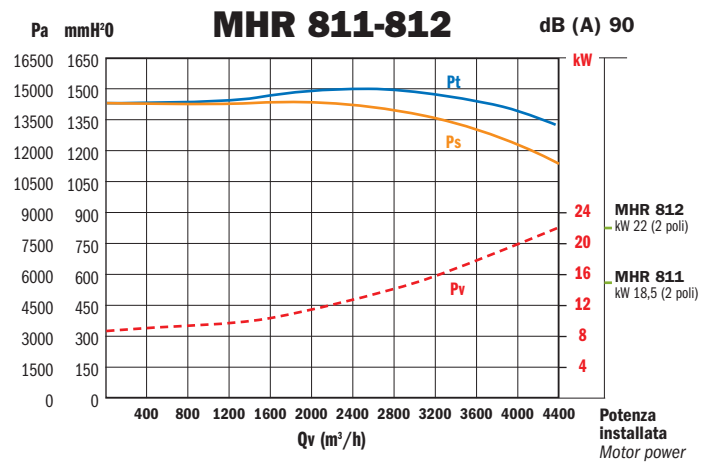
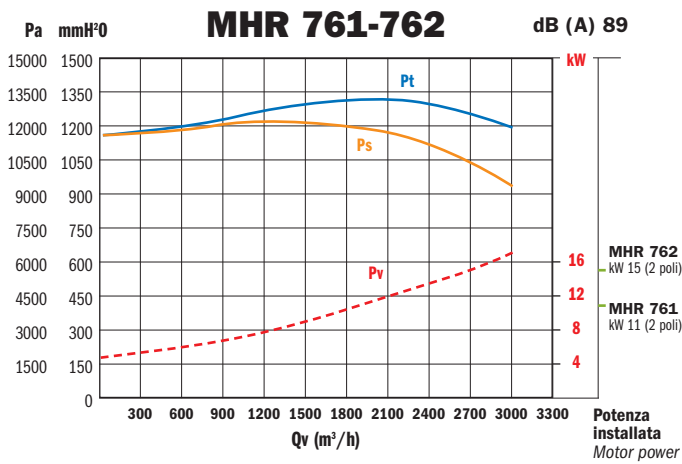
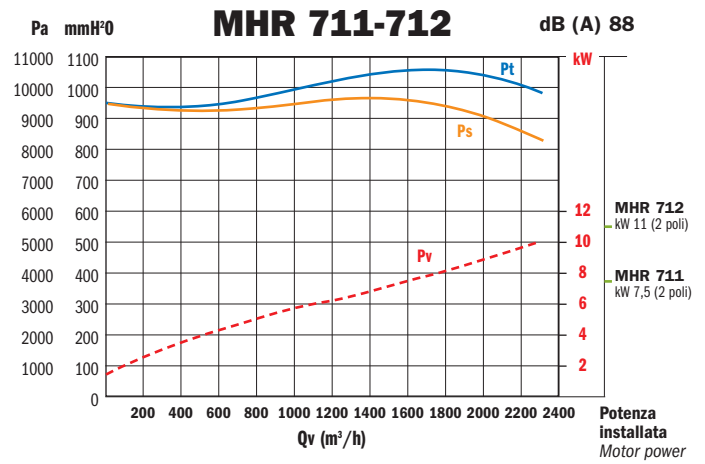
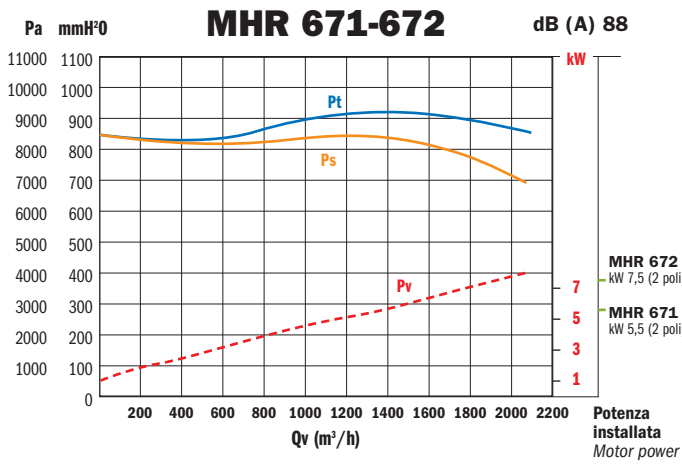


Valori riferiti a: / Datas referring to: T=15°C; P=1 atm

— Pt= Pressione totale - Total pressure — Ps= Pressione statica - Statical pressure - - - Pv= Potenza assorbita - Absorbed power

DIRETTAMENTE ACCOPPIATI CON MOTORE A 2 POLI

DIRECT CONNECTION FOR 2 POLES MOTORS



Valori riferiti a: / Datas referring to: **T=15°C; P=1 atm**

— Pt= Pressione totale - Total pressure — Ps= Pressione statica - Statical pressure - - - Pv= Potenza assorbita - Absorbed power

