

HMR

Long cased fan with backward impeller

Ventilador tubular con turbina a reacción



MANUFACTURING FEATURES

- Reinforced fan casing manufactured in rolling steel sheet.
- Protected against corrosion by powder coating of polyester resin.
- Inspection cover for motor access to facilitate connections and maintenance.
- High efficiency self-cleaning backward impeller made of steel sheet statically and dynamically balanced in origin.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Standard voltages 230/400V 50Hz.
- Maximum continuous working temperature 60°C.

APPLICATIONS

Designed for inline installation, they are suitable for:

- Air renewal in buildings and industries.
- Smoke extraction.

CARACTERÍSTICAS CONSTRUCTIVAS

- Ventilador con envolvente tubular fabricado en chapa de acero laminado.
- Protegido de la corrosión mediante recubrimiento de polvo de resina de poliéster.
- Trampilla de acceso al motor para facilitar las conexiones y mantenimiento.
- Turbina autolimpiante de álabes hacia atrás (a reacción) de alta eficiencia en chapa de acero equilibrada estática y dinámicamente en origen.
- Motor acoplamiento directo, asíncrono, normalizado de jaula de ardilla con protección IP 55 y aislamiento clase F. Voltajes estándar 230/400V 50Hz.
- Temperatura máxima de trabajo en continuo 60°C.

APLICACIONES

Diseñados para instalación en conducto, son indicados para:

- Renovación de aire en todo tipo de edificios e industrias.
- Extracción de humos.

ACCESSORIES / accesorios

INT pg.996
Interruptor de corte
Safety switch

BA-400 pg.954
Brida antivibratoria 400°C/2h
Flexible flange 400°C/2H

BAD pg.955
Brida de acoplamiento circular-circular
Circular-Circular coupling flange

RP pg.915
Rejilla de protección aspiración-impulsión
Inlet-outlet protection guard

SIL-C pg.978
Silenciador circular conducto
Duct circular silencer

JE 45 pg.954
Junta elástica
Flexible joint

SFC pg.992
Variador de velocidad frecuencial
Frequency speed controller

PO pg.940
Pie opcional
Optional mounting support

AC pg.945
Brida de conexión

THREE PHASE RANGE / serie trifásica

2 POLE / 2 polos

| Code | Model | R.P.M. | Rated I (A) | | Rat. Power kW | Air flow m³/h | Sound dB (A) | Weight Kg | Connection diagram |
|-----------|------------------|--------|-------------|------|---------------|---------------|--------------|-----------|--------------------|
| | | | 230V | 400V | | | | | |
| 261310620 | HMR 315 T2 1,1kW | 2800 | 4,05 | 2,33 | 1,1 | 4.400 | 53 | 64 | 1 |
| 261350620 | HMR 355 T2 2,2kW | 2800 | 7,97 | 4,58 | 2,2 | 6.740 | 56 | 73 | 1 |

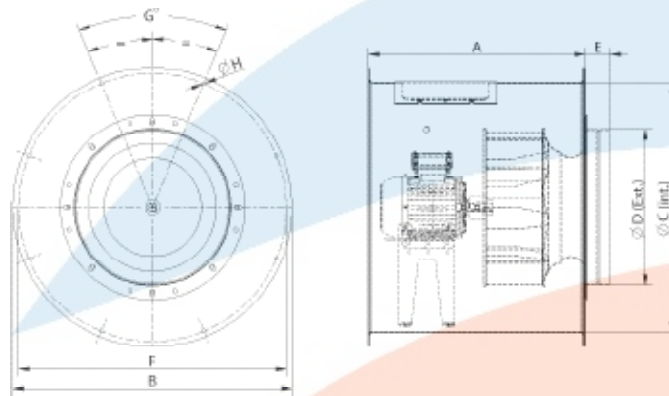
4 POLE / 4 polos

| Code | Model | R.P.M. | Rated I (A) | | Rat. Power kW | Air flow m³/h | Sound dB (A) | Weight Kg | Connection diagram |
|-----------|-------------------|--------|-------------|------|---------------|---------------|--------------|-----------|--------------------|
| | | | 230V | 400V | | | | | |
| 261310640 | HMR 315 T4 0,25kW | 1400 | 1,38 | 0,79 | 0,25 | 2.220 | 48 | 60 | 1 |
| 261350640 | HMR 355 T4 0,55kW | 1400 | 2,57 | 1,49 | 0,55 | 3.400 | 51 | 68 | 1 |
| 261400640 | HMR 400 T4 0,75kW | 1390 | 2,83 | 1,63 | 0,75 | 5.040 | 54 | 84 | 1 |
| 261450640 | HMR 450 T4 1,1kW | 1400 | 4,33 | 2,49 | 1,1 | 6.940 | 57 | 120 | 1 |
| 261500640 | HMR 500 T4 1,5kW | 1400 | 5,67 | 3,26 | 1,5 | 9.520 | 60 | 153 | 1 |
| 261560640 | HMR 560 T4 3kW | 1430 | 10,7 | 6,17 | 3 | 12.450 | 64 | 194 | 1 |
| 261630640 | HMR 630 T4 4kW | 1440 | 14,5 | 8,32 | 4 | 17.900 | 65 | 246 | 1 |

6 POLE / 6 polos

| Code | Model | R.P.M. | Rated I (A) | | Rat. Power kW | Air flow m ³ /h | Sound dB (A) | Weight Kg | Connection diagram |
|-----------|------------------|--------|-------------|------|---------------|----------------------------|--------------|-----------|--------------------|
| | | | 230V | 400V | | | | | |
| 261710660 | HMR 710 T6 2,2kW | 940 | 10,3 | 5,94 | 2,2 | 18.060 | 64 | 303 | 1 |
| 261800660 | HMR 800 T6 4kW | 960 | 16,5 | 9,46 | 4 | 24.140 | 68 | 363 | 1 |

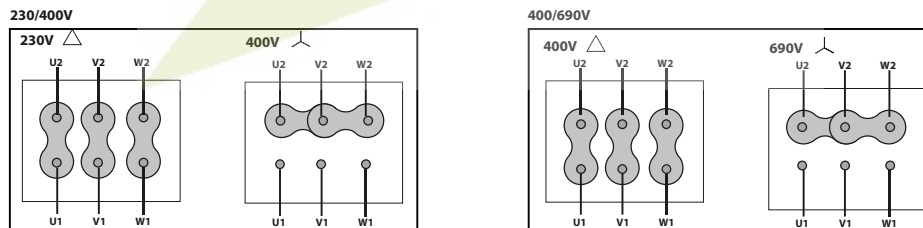
DIMENSIONS / dimensiones



| Model | A | E | G | ØB | ØC | ØD | ØF | ØH |
|-------------------|-------|----|--------|------|-------|-----|------|------|
| HMR 315 T2 1,1kW | 482 | 70 | 6x60° | 600 | 504 | 298 | 560 | 10,2 |
| HMR 315 T4 0,25kW | 482 | 70 | 6x60° | 600 | 504 | 298 | 560 | 10,2 |
| HMR 355 T2 2,2kW | 562 | 70 | 6x60° | 646 | 559 | 348 | 620 | 10,2 |
| HMR 355 T4 0,55kW | 562 | 70 | 6x60° | 646 | 559 | 348 | 620 | 10,2 |
| HMR 400 T4 0,75kW | 567 | 70 | 6x60° | 725 | 633 | 398 | 690 | 10,2 |
| HMR 450 T4 1,1kW | 622 | 70 | 8x45° | 802 | 715 | 448 | 770 | 10,2 |
| HMR 500 T4 1,5kW | 664 | 70 | 8x45° | 892 | 801 | 498 | 860 | 10,2 |
| HMR 560 T4 3kW | 714,5 | 70 | 8x45° | 1000 | 903,5 | 548 | 970 | 10,2 |
| HMR 630 T4 4kW | 830 | 70 | 8x45° | 1115 | 1013 | 628 | 1070 | 10,2 |
| HMR 710 T6 2,2kW | 890 | 70 | 8x45° | 1234 | 1132 | 698 | 1190 | 10,2 |
| HMR 800 T6 4kW | 930 | 70 | 10x36° | 1365 | 1263 | 798 | 1320 | 10,2 |

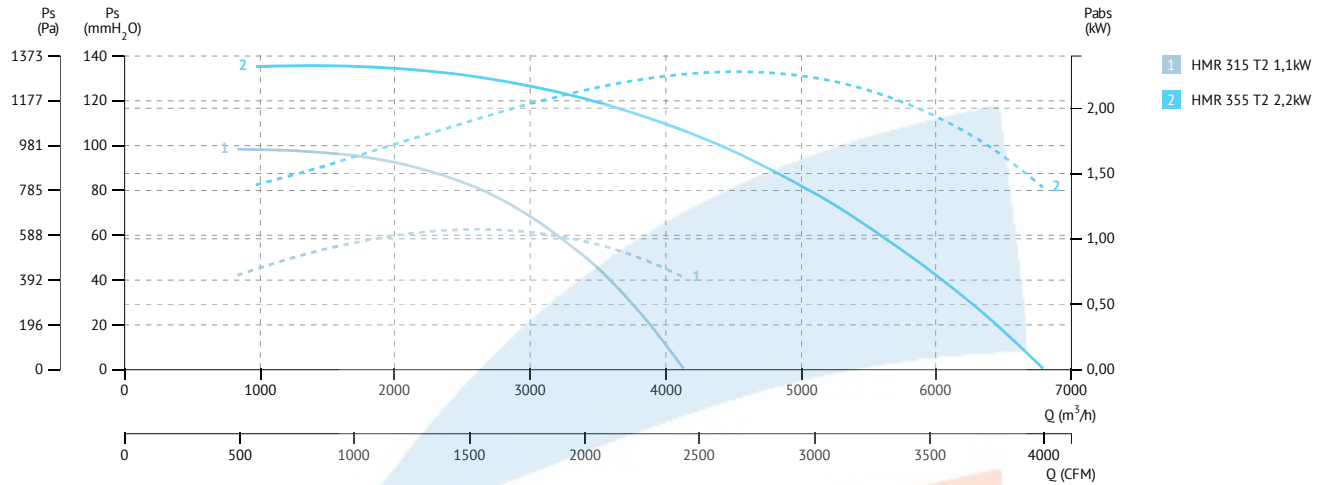
CONNECTION DIAGRAMS / esquema de conexiones

1 THREE PHASE MOTORS / motores trifásicos

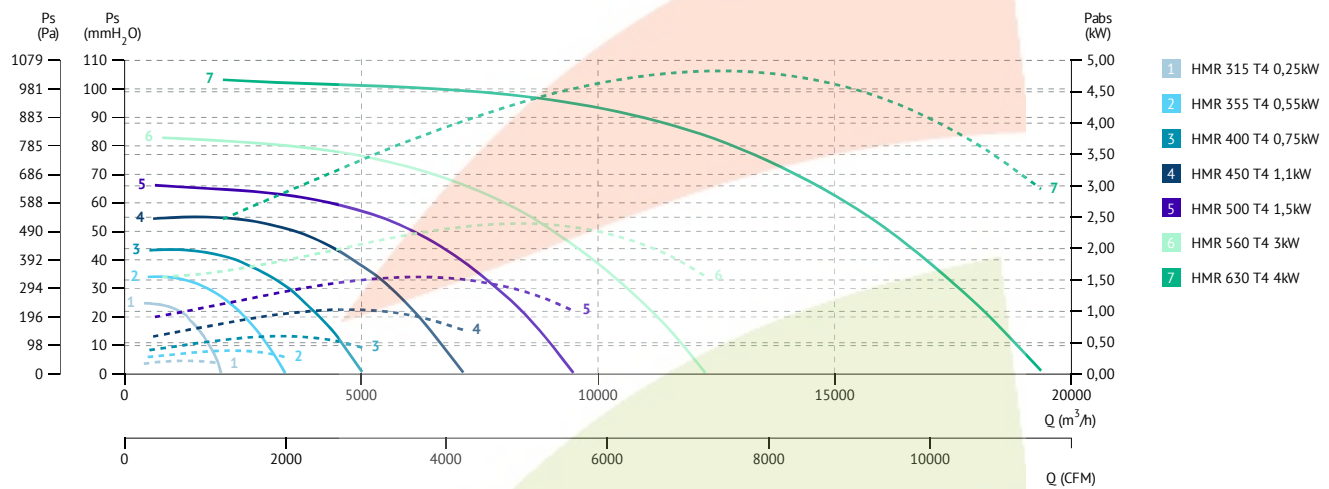


CHARACTERISTIC CURVES / curvas características

2 POLE / 2 polos



4 POLE / 4 polos



6 POLE / 6 polos

