

HC/HCA

Short cased axial fan with aluminium or polyamide impeller

Helicoidal tubular de camisa corta con pala de aluminio o poliamida



HC



HCA



MANUFACTURING FEATURES

Short cased axial fan with reinforced body, made of laminated steel.

- Modular motor-impeller assembly.
- Protected against corrosion by powder coating of polyester resin.
- Standard asynchronous squirrel-cage motor, IP-55 protection and rated class F insulation. Manufactured with standard voltages 230V 50Hz in single phase motors, 230/400V 50Hz for three phase motors up to 4kW, and 400/690V 50Hz for higher powers.
- HC: impeller made of fibre glass reinforced polyamide. Variable pitch angle (stopped and in origin).
- HCA: impeller made of aluminium cast. Variable pitch angle (stopped and in origin).

APPLICATIONS

Designed for inline installation, they are suitable for:

- Air renovation in all types of buildings and industries.
- Smoke extraction (maximum 50-60°C).
- Maximum continuous working temperature: 50°C single phase, 60°C three phase.

UNDER REQUEST

- B form impeller (air flow from impeller to motor).
- 100% reversible impeller.
- Casing made of hot dipped galvanized or stainless steel.

CARACTERÍSTICAS CONSTRUCTIVAS

- Ventilador con envolvente tubular reforzado de camisa corta fabricada en chapa de acero laminado.
- Montaje modular del conjunto motor hélice que permite una total versatilidad en caso de cualquier cambio.
- Protegidos contra la corrosión mediante recubrimiento en polvo de resina de poliéster.
- Motor asíncrono normalizado de jaula de ardilla con protección IP-55 y aislamiento clase F. Voltajes estándar 230V 50Hz para motores monofásicos, 230/400V 50Hz para motores trifásicos hasta 4kW y 400/690V 50Hz para potencias superiores.
- HC: hélice de poliamida reforzada con fibra de vidrio de ángulo variable en paro y en origen.
- HCA: hélice en fundición de aluminio de ángulo variable en paro y en origen.

APLICACIONES

Diseñados para instalación en conducto, son indicados para:

- Renovación de aire en todo tipo de edificios e industrias.
- Extracción de humos (máximo 50-60°C).
- Temperatura máxima de trabajo en continuo: monofásicos 50°C, trifásicos 60°C.

BAJO DEMANDA

- Hélice impelente (sentido de aire hélice-motor).
- Hélice reversible 100%.
- Envolvente en chapa galvanizada en caliente o acero inoxidable.

ACCESSORIES / accesorios



PO

Pie opcional
Optional mounting support



SFC

Variador de velocidad frecuencial
Frequency speed controller



RP

Rejilla protección aspiración/impulsión
Inlet-outlet protection guard



SIL-C/CN

Silenciador circular aspiración/impulsión
Inlet-outlet circular silencer



INT

Interrupor corte
Safety switch



BA-400

Brida antivibratoria 400°C/2h
Flexible flange 400°C/2h



AC

Brida de conexión
Conetion flange



RP1

Rejilla de protección
Inlet protection guard

SINGLE PHASE RANGE / serie monofásica

4 POLE / 4 polos

| Model | Angle | Min. Rated power kW | Max. Rated power kW | Max. Airflow m ³ /h | Sound dB (A) ** | Weight Kg | Connection diagram |
|-----------------------|-------------|---------------------|---------------------|--------------------------------|-----------------|-----------|--------------------|
| HC / HCA 35 M4 (A0:6) | 35° - 40° | 0,12 | 0,12 | 3.440 | 46 | 10,3 | 1 |
| HC / HCA 40 M4 (A0:6) | 35° - 40° | 0,18 | 0,25 | 4.670 | 51 | 11,9 | 1 |
| HC / HCA 45 M4 (A0:6) | 35° - 40° | 0,25 | 0,25 | 6.360 | 52 | 14,1 | 1 |
| HC / HCA 45 M4 (A5:6) | 25° - 45° | 0,18 | 0,55 | 6.760 | 51 | 16,3 | 1 |
| HC / HCA 50 M4 (A0:6) | 35° - 40° | 0,37 | 0,37 | 8.140 | 53 | 18,7 | 1 |
| HC / HCA 50 M4 (A5:6) | 25° - 45° | 0,25 | 0,75 | 9.420 | 54 | 21,1 | 1 |
| HC / HCA 56 M4 (A2:6) | 20° - 45° | 0,37 | 0,75 | 13.910 | 60 | 22,1 | 1 |
| HC / HCA 56 M4 (A2:9) | 20° - 45° | 0,37 | 0,75 | 14.710 | 60 | 22,6 | 1 |
| HC / HCA 56 M4 (A5:6) | 20° - 45° | 0,37 | 0,75 | 14.640 | 70 | 23,8 | 1 |
| HC / HCA 63 M4 (A2:6) | 20° - 30° | 0,37 | 0,75 | 13.810 | 60 | 26 | 1 |
| HC / HCA 63 M4 (A2:9) | 20° - 27,5° | 0,37 | 0,75 | 12.510 | 62 | 26,5 | 1 |
| HC / HCA 63 M4 (A5:6) | 20° - 25° | 0,37 | 0,75 | 12.020 | 63 | 27,8 | 1 |
| HC / HCA 71 M4 (A2:6) | 20° - 25° | 0,75 | 0,75 | 15.510 | 64 | 32,2 | 1 |
| HC / HCA 71 M4 (A2:9) | 20° - 20° | 0,75 | 0,75 | 12.080 | 68 | 32,9 | 1 |
| HC / HCA 71 M4 (A5:6) | 20° - 20° | 0,75 | 0,75 | 13.640 | 66 | 34,3 | 1 |


6 POLE / 6 polos

| Model | Angle | Min. Rated power kW | Max. Rated power kW | Max. Airflow m ³ /h | Sound dB (A) ** | Weight Kg | Connection diagram |
|-----------------------|-----------|---------------------|---------------------|--------------------------------|-----------------|-----------|--------------------|
| HC / HCA 45 M6 (A0:6) | 35° - 40° | 0,12 | 0,12 | 4.120 | 42 | 14,1 | 1 |
| HC / HCA 45 M6 (A5:6) | 25° - 45° | 0,12 | 0,12 | 4.380 | 42 | 16,3 | 1 |
| HC / HCA 50 M6 (A0:6) | 35° - 40° | 0,12 | 0,12 | 5.270 | 44 | 18,7 | 1 |
| HC / HCA 50 M6 (A5:6) | 25° - 45° | 0,12 | 0,18 | 6.100 | 45 | 21,1 | 1 |
| HC / HCA 56 M6 (A2:6) | 20° - 45° | 0,12 | 0,55 | 9.000 | 51 | 22,1 | 1 |
| HC / HCA 56 M6 (A2:9) | 20° - 45° | 0,12 | 0,55 | 9.520 | 51 | 22,6 | 1 |
| HC / HCA 56 M6 (A5:6) | 20° - 45° | 0,12 | 0,55 | 9.760 | 67 | 23,8 | 1 |
| HC / HCA 63 M6 (A2:6) | 20° - 45° | 0,37 | 0,75 | 13.010 | 53 | 26 | 1 |
| HC / HCA 63 M6 (A2:9) | 20° - 45° | 0,37 | 0,75 | 14.110 | 53 | 26,5 | 1 |
| HC / HCA 63 M6 (A5:6) | 20° - 45° | 0,37 | 0,75 | 13.570 | 71 | 27,8 | 1 |
| HC / HCA 71 M6 (A2:6) | 20° - 45° | 0,37 | 0,75 | 18.110 | 56 | 32,2 | 1 |
| HC / HCA 71 M6 (A2:9) | 20° - 45° | 0,37 | 0,75 | 19.610 | 58 | 32,9 | 1 |
| HC / HCA 71 M6 (A5:6) | 20° - 45° | 0,37 | 0,75 | 18.350 | 76 | 34,3 | 1 |

THREE PHASE RANGE / serie trifásica
2 POLE / 2 polos

| Model | Angle | Min. Rated power kW | Max. Rated power kW | Max. Airflow m ³ /h | Sound dB (A) ** | Weight Kg | Connection diagram |
|-----------------------|-----------|---------------------|---------------------|--------------------------------|-----------------|-----------|--------------------|
| HC / HCA 40 T2 (A0:6) | 25° - 40° | 0,75 | 1,1 | 9.270 | 62 | 11,9 | 2 |
| HC / HCA 45 T2 (A0:6) | 25° - 35° | 1,5 | 2,2 | 11.800 | 68 | 14,1 | 2 |

4 POLE / 4 polos

| Model | Angle | Min. Rated power kW | Max. Rated power kW | Max. Airflow m ³ /h | Sound dB (A) ** | Weight Kg | Connection diagram |
|------------------------|-----------|---------------------|---------------------|--------------------------------|-----------------|-----------|--------------------|
| HC / HCA 35 T4 (A0:6) | 35° - 40° | 0,12 | 0,12 | 3.440 | 46 | 10,3 | 2 |
| HC / HCA 40 T4 (A0:6) | 35° - 40° | 0,18 | 0,18 | 4.670 | 51 | 11,9 | 2 |
| HC / HCA 45 T4 (A0:6) | 35° - 40° | 0,25 | 0,25 | 6.360 | 52 | 14,1 | 2 |
| HC / HCA 45 T4 (A5:6) | 25° - 45° | 0,18 | 0,55 | 6.760 | 51 | 16,3 | 2 |
| HC / HCA 50 T4 (A0:6) | 35° - 40° | 0,37 | 0,37 | 8.140 | 53 | 18,7 | 2 |
| HC / HCA 50 T4 (A5:6) | 25° - 45° | 0,25 | 0,75 | 9.420 | 54 | 21,1 | 2 |
| HC / HCA 56 T4 (A2:6) | 20° - 45° | 0,37 | 2,2 | 13.910 | 60 | 22,1 | 2 |
| HC / HCA 56 T4 (A2:9) | 20° - 45° | 0,37 | 2,2 | 14.710 | 60 | 22,6 | 2 |
| HC / HCA 56 T4 (A5:6) | 20° - 45° | 0,37 | 2,2 | 14.640 | 70 | 23,8 | 2 |
| HC / HCA 63 T4 (A2:6) | 20° - 45° | 0,37 | 3 | 20.110 | 62 | 26 | 2 |
| HC / HCA 63 T4 (A2:9) | 20° - 45° | 0,37 | 3 | 21.810 | 63 | 26,5 | 2 |
| HC / HCA 63 T4 (A5:6) | 20° - 45° | 0,37 | 3 | 20.350 | 74 | 27,8 | 2 |
| HC / HCA 71 T4 (A2:6) | 20° - 45° | 0,75 | 4 | 27.910 | 65 | 32,2 | 2 |
| HC / HCA 71 T4 (A2:9) | 20° - 45° | 0,75 | 4 | 30.310 | 68 | 32,9 | 2 |
| HC / HCA 71 T4 (A5:6) | 20° - 45° | 0,75 | 4 | 27.520 | 79 | 34,3 | 2 |
| HC / HCA 80 T4 (A2:6) | 20° - 45° | 1,1 | 9,2 | 39.010 | 67 | 37,3 | 2 |
| HC / HCA 80 T4 (A2:9) | 20° - 45° | 1,1 | 9,2 | 41.810 | 72 | 38 | 2 |
| HC / HCA 80 T4 (A5:6) | 20° - 40° | 1,1 | 4 | 34.470 | 71 | 39,6 | 2 |
| HC / HCA 90 T4 (A6:3) | 20° - 42° | 3 | 15 | 50.950 | 75 | 58,4 | 2 |
| HC / HCA 90 T4 (A6:6) | 20° - 42° | 3 | 15 | 58.310 | 76 | 63,8 | 2 |
| HC / HCA 100 T4 (A6:3) | 20° - 42° | 5,5 | 22 | 69.340 | 76 | 71,8 | 2 |
| HC / HCA 100 T4 (A6:6) | 20° - 42° | 5,5 | 22 | 81.210 | 80 | 77,9 | 2 |
| HC / HCA 112 T4 (A6:3) | 20° - 42° | 5,5 | 37 | 92.050 | 78 | 85,3 | 2 |
| HC / HCA 112 T4 (A6:6) | 20° - 42° | 5,5 | 37 | 109.010 | 83 | 92 | 2 |
| HC / HCA 125 T4 (A7:4) | 20° - 42° | 7,5 | 45 | 132.010 | 85 | 100,9 | 2 |
| HC / HCA 125 T4 (A7:8) | 20° - 42° | 11 | 45 | 151.010 | 89 | 110 | 2 |

6 POLE / 6 polos

| Model | Angle | Min. Rated power kW | Max. Rated power kW | Max. Airflow m ³ /h | Sound dB (A) ** | Weight Kg | Connection diagram |
|-----------------------|-----------|---------------------|---------------------|--------------------------------|-----------------|-----------|--------------------|
| HC / HCA 35 T6 (A0:6) | 35° - 40° | 0,12 | 0,12 | 2.230 | 37 | 10,3 | 2 |
| HC / HCA 40 T6 (A0:6) | 35° - 40° | 0,12 | 0,12 | 3.030 | 42 | 11,9 | 2 |
| HC / HCA 45 T6 (A0:6) | 35° - 40° | 0,12 | 0,12 | 4.120 | 42 | 14,1 | 2 |
| HC / HCA 45 T6 (A5:6) | 25° - 45° | 0,12 | 0,12 | 4.380 | 42 | 16,3 | 2 |
| HC / HCA 50 T6 (A0:6) | 35° - 40° | 0,12 | 0,12 | 5.270 | 44 | 18,7 | 2 |
| HC / HCA 50 T6 (A5:6) | 25° - 45° | 0,12 | 0,18 | 6.100 | 45 | 21,1 | 2 |

Ventiladores helicoidales / tubulares



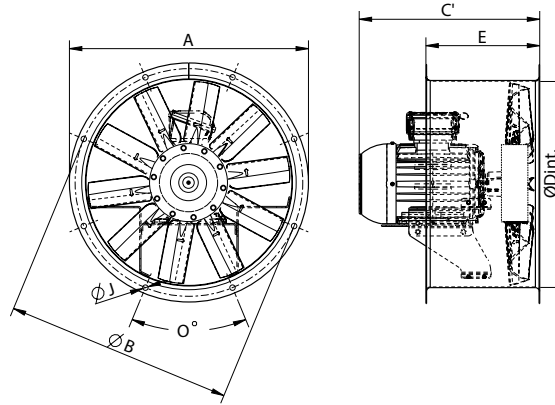
| Model | Angle | Min. Rated power kW | Max. Rated power kW | Max. Airflow m ³ /h | Sound dB (A) ** | Weight Kg | Connection diagram |
|------------------------|-----------|---------------------|---------------------|--------------------------------|-----------------|-----------|--------------------|
| HC / HCA 56 T6 (A2:6) | 20° - 45° | 0,12 | 0,55 | 9.000 | 51 | 22,1 | 2 |
| HC / HCA 56 T6 (A2:9) | 20° - 45° | 0,12 | 0,55 | 9.520 | 51 | 22,6 | 2 |
| HC / HCA 56 T6 (A5:6) | 20° - 45° | 0,12 | 0,55 | 9.760 | 67 | 23,8 | 2 |
| HC / HCA 63 T6 (A2:6) | 20° - 45° | 0,37 | 0,75 | 13.010 | 53 | 26 | 2 |
| HC / HCA 63 T6 (A2:9) | 20° - 45° | 0,37 | 0,75 | 14.110 | 53 | 26,5 | 2 |
| HC / HCA 63 T6 (A5:6) | 20° - 45° | 0,37 | 0,75 | 13.570 | 71 | 27,8 | 2 |
| HC / HCA 71 T6 (A2:6) | 20° - 45° | 0,37 | 1,1 | 18.110 | 56 | 32,2 | 2 |
| HC / HCA 71 T6 (A2:9) | 20° - 45° | 0,37 | 1,1 | 19.610 | 58 | 32,9 | 2 |
| HC / HCA 71 T6 (A5:6) | 20° - 45° | 0,37 | 1,1 | 18.350 | 76 | 34,3 | 2 |
| HC / HCA 80 T6 (A2:6) | 20° - 45° | 0,37 | 2,2 | 25.310 | 57 | 37,3 | 2 |
| HC / HCA 80 T6 (A2:9) | 20° - 45° | 0,37 | 2,2 | 27.110 | 63 | 38 | 2 |
| HC / HCA 80 T6 (A5:6) | 20° - 45° | 0,37 | 2,2 | 25.190 | 72 | 39,6 | 2 |
| HC / HCA 90 T6 (A6:3) | 20° - 42° | 0,75 | 4 | 33.010 | 65 | 58,4 | 2 |
| HC / HCA 90 T6 (A6:6) | 20° - 42° | 0,75 | 4 | 37.810 | 66 | 63,8 | 2 |
| HC / HCA 100 T6 (A6:3) | 20° - 42° | 1,1 | 7,5 | 44.970 | 66 | 71,8 | 2 |
| HC / HCA 100 T6 (A6:6) | 20° - 42° | 1,1 | 7,5 | 52.610 | 70 | 77,9 | 2 |
| HC / HCA 112 T6 (A6:3) | 20° - 42° | 1,5 | 11 | 59.660 | 69 | 85,3 | 2 |
| HC / HCA 112 T6 (A6:6) | 20° - 42° | 1,5 | 11 | 70.510 | 73 | 92 | 2 |
| HC / HCA 125 T6 (A7:4) | 20° - 42° | 2,2 | 15 | 85.410 | 76 | 100,9 | 2 |
| HC / HCA 125 T6 (A7:8) | 20° - 42° | 3 | 15 | 98.110 | 80 | 110 | 2 |

THREE PHASE 2 SPEEDS RANGE / serie trifásica 2 velocidades
4/8 POLE / 4/8 polos

| Model | Angle | Min. Rated power kW | Max. Rated power kW | Max. Airflow m ³ /h | Sound dB (A) ** | Weight Kg | Connection diagram |
|---------------------------|-----------|---------------------|---------------------|--------------------------------|-----------------|-----------|--------------------|
| HC / HCA 35 T4/T8 (A0:6) | 35° - 40° | 0,25 | 0,25 | 3.440 | 46 | 10,3 | 3 |
| HC / HCA 40 T4/T8 (A0:6) | 35° - 40° | 0,25 | 0,25 | 4.670 | 51 | 11,9 | 3 |
| HC / HCA 45 T4/T8 (A0:6) | 35° - 40° | 0,25 | 0,25 | 6.360 | 52 | 14,1 | 3 |
| HC / HCA 45 T4/T8 (A5:6) | 25° - 45° | 0,25 | 0,55 | 6.760 | 51 | 16,3 | 3 |
| HC / HCA 50 T4/T8 (A0:6) | 35° - 40° | 0,33 | 0,33 | 8.140 | 53 | 18,7 | 3 |
| HC / HCA 50 T4/T8 (A5:6) | 25° - 45° | 0,25 | 0,75 | 9.420 | 54 | 21,1 | 3 |
| HC / HCA 56 T4/T8 (A2:6) | 20° - 45° | 0,33 | 2,2 | 13.910 | 60 | 22,1 | 3 |
| HC / HCA 56 T4/T8 (A2:9) | 20° - 45° | 0,33 | 2,2 | 14.710 | 60 | 22,6 | 3 |
| HC / HCA 56 T4/T8 (A5:6) | 20° - 45° | 0,33 | 2,2 | 14.640 | 70 | 23,8 | 3 |
| HC / HCA 63 T4/T8 (A2:6) | 20° - 45° | 0,33 | 3 | 20.110 | 62 | 26 | 3 |
| HC / HCA 63 T4/T8 (A2:9) | 20° - 45° | 0,33 | 3 | 21.810 | 63 | 26,5 | 3 |
| HC / HCA 63 T4/T8 (A5:6) | 20° - 45° | 0,33 | 3 | 20.350 | 74 | 27,8 | 3 |
| HC / HCA 71 T4/T8 (A2:6) | 20° - 45° | 0,75 | 4 | 27.910 | 65 | 32,2 | 3 |
| HC / HCA 71 T4/T8 (A2:9) | 20° - 45° | 0,75 | 4 | 30.310 | 68 | 32,9 | 3 |
| HC / HCA 71 T4/T8 (A5:6) | 20° - 45° | 0,75 | 4 | 27.520 | 79 | 34,3 | 3 |
| HC / HCA 80 T4/T8 (A2:6) | 20° - 45° | 1,1 | 7,5 | 39.010 | 67 | 37,3 | 3 |
| HC / HCA 80 T4/T8 (A2:9) | 20° - 45° | 1,1 | 7,5 | 41.810 | 72 | 38 | 3 |
| HC / HCA 80 T4/T8 (A5:6) | 20° - 45° | 1,1 | 4 | 37.780 | 76 | 39,6 | 3 |
| HC / HCA 90 T4/T8 (A6:3) | 20° - 42° | 3 | 15 | 50.950 | 75 | 58,4 | 3 |
| HC / HCA 90 T4/T8 (A6:6) | 20° - 42° | 3 | 15 | 58.310 | 76 | 63,8 | 3 |
| HC / HCA 100 T4/T8 (A6:3) | 20° - 42° | 5,5 | 20 | 69.340 | 76 | 71,8 | 3 |
| HC / HCA 100 T4/T8 (A6:6) | 20° - 42° | 5,5 | 20 | 81.210 | 80 | 77,9 | 3 |
| HC / HCA 112 T4/T8 (A6:3) | 20° - 42° | 5,5 | 37 | 92.050 | 78 | 85,3 | 3 |
| HC / HCA 112 T4/T8 (A6:6) | 20° - 42° | 5,5 | 37 | 109.010 | 83 | 92 | 3 |
| HC / HCA 125 T4/T8 (A7:4) | 20° - 42° | 7,5 | 44 | 132.010 | 85 | 100,9 | 3 |
| HC / HCA 125 T4/T8 (A7:8) | 20° - 42° | 11 | 44 | 151.010 | 89 | 110 | 3 |

* The motor is not included in fan weight / el peso del ventilador no incluye el motor

** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source / Nivel de presión sonora total en el punto de caudal máximo medido en dB(A) en la aspiración, medido en campo libre a una distancia de 6m de la fuente.


DIMENSIONS / dimensiones


| MODEL | Ø A | Ø B | Ø D | E | Ø I | O |
|--------|------|------|-------|-----|-----|----------|
| HC 35 | 434 | 395 | 365 | 250 | 10 | 8x45° |
| HC 40 | 472 | 450 | 403 | 250 | 10 | 8x45° |
| HC 45 | 525 | 500 | 452 | 250 | 12 | 8x45° |
| HC 50 | 600 | 560 | 504 | 250 | 12 | 12x30° |
| HC 56 | 646 | 620 | 559 | 250 | 12 | 12x30° |
| HC 63 | 725 | 690 | 633 | 250 | 12 | 12x30° |
| HC 71 | 802 | 770 | 715 | 350 | 12 | 16x22,5° |
| HC 80 | 892 | 860 | 801 | 350 | 12 | 16x22,5° |
| HC 90 | 1000 | 970 | 903,5 | 425 | 12 | 16x22,5° |
| HC 100 | 1115 | 1070 | 1013 | 425 | 12 | 16x22,5° |
| HC 112 | 1234 | 1190 | 1132 | 500 | 12 | 16x22,5° |
| HC 125 | 1365 | 1320 | 1263 | 500 | 15 | 20x18° |

C' max. Aprox. (Consult motor size table / Consultar tabla tamaño constructivo motor)

| MODEL | 63 | 71 | 80 | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200 | 225 |
|--------|-----|-----|-----|-------|-----|------|------|------|------|------|------|------|------|-----|-----|
| HC 35 | 308 | 311 | 340 | - | - | - | - | - | - | - | - | - | - | - | - |
| HC 40 | - | 311 | 345 | 361,5 | 387 | - | - | - | - | - | - | - | - | - | - |
| HC 45 | 338 | 348 | 357 | 372 | 397 | 428 | - | - | - | - | - | - | - | - | - |
| HC 50 | - | 348 | 360 | 372 | 397 | 428 | - | - | - | - | - | - | - | - | - |
| HC 56 | - | 348 | 362 | 372 | 397 | 433 | - | - | - | - | - | - | - | - | - |
| HC 63 | - | - | 359 | 393 | 398 | 450 | 471 | - | - | - | - | - | - | - | - |
| HC 71 | - | - | 362 | 396 | 421 | 452 | 473 | - | - | - | - | - | - | - | - |
| HC 80 | - | - | - | 445 | 445 | 476 | 477 | 533 | 571 | - | - | - | - | - | - |
| HC 90 | - | - | - | - | - | 655 | 655 | 655 | 655 | 718 | 762 | 756 | 794 | - | - |
| HC 100 | - | - | - | - | - | - | - | 655 | 655 | 718 | 762 | 756 | 794 | - | - |
| HC 112 | - | - | - | - | - | - | - | 765 | 765 | 765 | 772 | 766 | 804 | 869 | 954 |
| HC 125 | - | - | - | - | - | - | - | 765 | 765 | 765 | 772 | 766 | 804 | 869 | 954 |

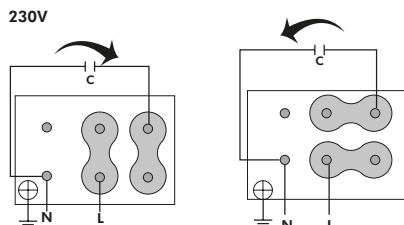
MOTOR SIZE DEPENDING ON POWER (1 SPEED) / TAMAÑOS CONSTRUCTIVOS DE MOTORES SEGÚN POTENCIA (1 VELOCIDAD)

| | kW | | | | | | | | | | | | | | | | | | |
|-----------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 0,075 | 0,09 | 0,12 | 0,18 | 0,25 | 0,37 | 0,55 | 0,75 | 1,1 | 1,5 | 2,2 | 3 | 4 | 5,5 | 7,5 | 11 | 15 | 18,5 | 22 |
| M2-T2 (3000rpm) | - | 56 | 56 | 63 | 63 | 71 | 71 | 80 | 80 | 90S | 90L | 100L | 112M | 132S | 132S | 160M | 160M | 160L | 180M |
| M4-T4 (1500rpm) | 56 | 56 | 63 | 63 | 71 | 71 | 80 | 80 | 90S | 90L | 100L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L |
| M6-T6 (1000rpm) | - | 63 | - | 71 | 71 | 80 | 80 | 90S | 90L | 100L | 112M | 132S | 132M | 132M | 160M | 160L | 180L | 200L | 200L |
| M8-T8 (750rpm) | - | 71 | 71 | 80 | 80 | 90S | 90L | 100L | 100L | 112M | 132S | 132M | 160M | 160M | 160L | 180L | 200L | 225S | 225M |

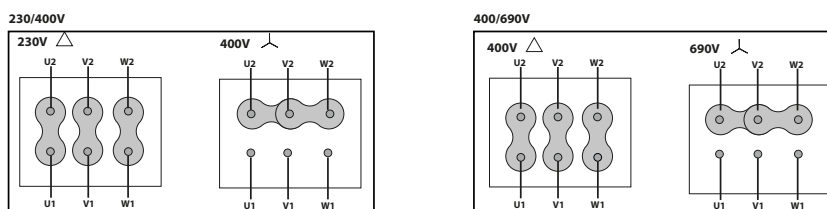


CONNECTION DIAGRAMS / esquema de conexiones

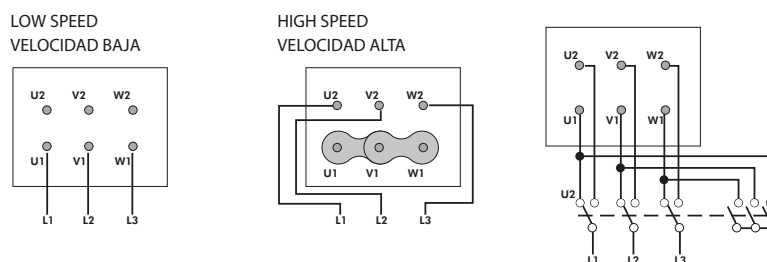
1 SINGLE PHASE MOTORS / motores monofásicos



2 THREE PHASE MOTORS / motores trifásicos



3 2 SPEEDS / 2 velocidades 400V DAHLANDER (Y,YY)



CONSULT / consultar - BOX HB / HBA

CHARACTERISTIC CURVES / curvas características

pg.55