

# HC

## Ventiladores helicoidales murales, con motor IP55

Ventiladores helicoidales murales, con hélice de plástico reforzada en fibra de vidrio

### Ventilador:

- Marco soporte en chapa de acero
- Hélice en poliamida 6 reforzada con fibra de vidrio
- Rejilla de protección contra contactos según norma UNE-EN ISO 12499
- Modelos 71, 80, 90 y 100, la rejilla de protección se suministra como accesorio
- Dirección aire motor-hélice

### Motor:

- Motores de eficiencia IE3 para potencias iguales o superiores a 0,75kW, excepto monofásicos, 2 velocidades y 8 polos.
- Motores clase F, con rodamientos a bolas, protección IP55, excepto modelos monofásicos desde el tamaño 45 hasta el tamaño 63, protección IP54. De 1 ó 2 velocidades según modelo
- Motor Multitensión, diseño especial válido para: 220/380V 60Hz, 254/440V 60Hz, 265/460V 60Hz, 277/480V 60Hz
- Temperatura de trabajo: -25°C.+ 60°C.

### Acabado:

- Anticorrosivo en resina de poliéster polimerizada a 190 °C, previo desengrase con tratamiento nanotecnológico libre de fosfatos.

### Bajo demanda:

- Conjunto motor, hélice y rejilla (versión F)
- Grupo motor hélice, versión G.
- Dirección aire hélice-motor.
- Bobinados especiales para diferentes tensiones.



HC

HC  
71, 80,  
90,100

## Código de pedido

| HC                                                | — | 25                    | — | 2T/H                                                                                                                                    | — | I                                                | — | F                                                                                    | — | 60Hz                                                                                                                  |
|---------------------------------------------------|---|-----------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------|---|--------------------------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------|
| Ventiladores helicoidales murales, con motor IP55 |   | Diámetro hélice en cm |   | Número de polos motor<br>2=3500 r/min. 60 Hz<br>4=1680 r/min. 60 Hz<br>6=1080 r/min. 60 Hz<br>8=900 r/min. 60 Hz<br>12=750 r/min. 60 Hz |   | T=Trifásico<br>M=Monofásico<br><br>H=Caudal alto |   | Sentido del aire<br>I=Impelente<br>Motor->Hélice<br><br>A=Aspirante<br>Hélice->Motor |   | Ejecución del ventilador<br><br>Ejecución standard<br><br>F=Conjunto motor hélice rejilla<br><br>G=Grupo motor hélice |

## Características técnicas

60Hz

| Modelo     | Velocidad<br>(r/min) | Intensidad máxima admisible<br>(A) |          | Potencia instalada<br>(kW) | Caudal máximo<br>(m³/h) | Nivel presión sonora<br>dB(A) | Peso aprox.<br>(Kg) |
|------------|----------------------|------------------------------------|----------|----------------------------|-------------------------|-------------------------------|---------------------|
|            |                      | 220-277V                           | 380-480V |                            |                         |                               |                     |
| HC-25-2T/H | 2730                 | 0,74                               | 0,43     | 0,12                       | 2200                    | 64                            | 5                   |
| HC-25-2M/H | 2770                 | 0,98                               |          | 0,12                       | 2200                    | 64                            | 5                   |
| HC-25-4T/H | 1320                 | 0,96                               | 0,56     | 0,10                       | 1300                    | 51                            | 5                   |
| HC-25-4M/H | 1380                 | 0,65                               |          | 0,10                       | 1300                    | 51                            | 5                   |
| HC-31-2T/H | 2750                 | 1,21                               | 0,70     | 0,18                       | 3650                    | 72                            | 6                   |
| HC-31-2M/H | 2700                 | 1,85                               |          | 0,18                       | 3600                    | 72                            | 6                   |
| HC-31-4T/H | 1320                 | 0,96                               | 0,56     | 0,10                       | 2400                    | 54                            | 6                   |
| HC-31-4M/H | 1380                 | 1,03                               |          | 0,10                       | 2400                    | 54                            | 6                   |
| HC-35-2T/H | 2710                 | 1,92                               | 1,11     | 0,37                       | 6050                    | 76                            | 8                   |

### Características técnicas

| Modelo          | Velocidad<br>(r/min) | Intensidad máxima admisible<br>(A) |            | Potencia<br>instalada<br>(kW) | Caudal<br>máximo<br>(m³/h) | Nivel presión<br>sonora<br>dB(A) | Peso<br>aprox.<br>(Kg) |
|-----------------|----------------------|------------------------------------|------------|-------------------------------|----------------------------|----------------------------------|------------------------|
|                 |                      | 220-277V                           | 380-480V   |                               |                            |                                  |                        |
| HC-35-4T/H      | 1320                 | 0,96                               | 0,56       | 0,10                          | 3550                       | 58                               | 7                      |
| HC-35-4M/H      | 1380                 | 1,03                               |            | 0,10                          | 3550                       | 58                               | 7                      |
| HC-40-4T/H      | 1350                 | 1,66                               | 0,96       | 0,25                          | 5200                       | 63                               | 10                     |
| HC-40-4M/H      | 1370                 | 2,00                               |            | 0,25                          | 5200                       | 63                               | 10                     |
| HC-40-6T/H      | 900                  | 1,51                               | 0,87       | 0,25                          | 3700                       | 55                               | 10                     |
| HC-40-6M/H      | 970                  | 1,30                               |            | 0,25                          | 3700                       | 55                               | 10                     |
| HC-45-4T/H      | 1370                 | 2,02                               | 1,17       | 0,37                          | 7300                       | 66                               | 14                     |
| HC-45-4M/H      | 1400                 | 2,76                               |            | 0,37                          | 7300                       | 66                               | 14                     |
| HC-45-6T/H      | 900                  | 1,51                               | 0,87       | 0,25                          | 5150                       | 57                               | 14                     |
| HC-45-6M/H      | 950                  | 1,50                               |            | 0,25                          | 5150                       | 57                               | 14                     |
| HC-50-4T/H      | 1380                 | 2,92                               | 1,69       | 0,55                          | 10200                      | 69                               | 18                     |
| HC-50-4M/H      | 1350                 | 5,02                               |            | 0,55                          | 10200                      | 69                               | 18                     |
| HC-50-6T/H      | 900                  | 2,24                               | 1,30       | 0,37                          | 6300                       | 59                               | 18                     |
| HC-50-6M/H      | 900                  | 2,69                               |            | 0,37                          | 6300                       | 59                               | 18                     |
| HC-56-4T/H IE3  | 1400                 | 4,03                               | 2,32       | 1,10                          | 13000                      | 72                               | 24                     |
| HC-56-4/8T/H    | 1440 / 710           |                                    | 2,9 / 1,3  | 1,10/0,25                     | 13000/6500                 | 72/57                            | 24                     |
| HC-56-6T/H      | 900                  | 2,24                               | 1,30       | 0,37                          | 8300                       | 61                               | 19                     |
| HC-56-6M/H      | 900                  | 2,69                               |            | 0,37                          | 8300                       | 61                               | 19                     |
| HC-63-4T/H IE3  | 1400                 | 4,03                               | 2,32       | 1,10                          | 16450                      | 74                               | 26                     |
| HC-63-4/8T/H    | 1440 / 710           |                                    | 2,9 / 1,3  | 1,10/0,25                     | 16450/8225                 | 74/59                            | 26                     |
| HC-63-6T/H      | 900                  | 2,24                               | 1,30       | 0,37                          | 12350                      | 64                               | 21                     |
| HC-63-6M/H      | 890                  | 3,00                               |            | 0,37                          | 12350                      | 64                               | 21                     |
| HC-71-4T/H IE3  | 1430                 | 5,96                               | 3,44       | 1,50                          | 22150                      | 78                               | 35                     |
| HC-71-4/8T/H    | 1420 / 700           |                                    | 3,5 / 1,5  | 1,50/0,37                     | 22200/11100                | 78/63                            | 35                     |
| HC-71-6T/H IE3  | 945                  | 3,90                               | 2,20       | 0,75                          | 17300                      | 66                               | 36                     |
| HC-71-6M/H IE3  | 900                  | 4,97                               |            | 0,75                          | 15600                      | 65                               | 36                     |
| HC-80-4T/H IE3  | 1445                 | 10,96                              | 6,33       | 3,00                          | 33000                      | 82                               | 55                     |
| HC-80-4/8T/H    | 1430 / 710           |                                    | 6,5 / 2,3  | 3,0/0,60                      | 33000/16500                | 82/67                            | 53                     |
| HC-80-6T/H IE3  | 945                  | 3,90                               | 2,20       | 0,75                          | 22000                      | 71                               | 45                     |
| HC-90-4T/H IE3  | 1440                 | 14,10                              | 8,12       | 4,00                          | 43700                      | 86                               | 68                     |
| HC-90-4/8T/H    | 1430 / 710           |                                    | 8,2 / 2,9  | 4,00/0,80                     | 43700/21850                | 86/69                            | 74                     |
| HC-90-6T/H IE3  | 955                  | 6,42                               | 3,71       | 1,50                          | 33300                      | 76                               | 60                     |
| HC-90-8T/H      | 695                  | 3,53                               | 2,04       | 0,55                          | 19800                      | 69                               | 54                     |
| HC-100-4T/H IE3 | 1440                 |                                    | 11,60      | 5,50                          | 54000                      | 88                               | 85                     |
| HC-100-4/8T/H   | 1450 / 720           |                                    | 11,8 / 3,8 | 5,50/1,10                     | 54000/27000                | 88/73                            | 95                     |
| HC-100-6T/H IE3 | 955                  | 6,42                               | 3,71       | 1,50                          | 37000                      | 78                               | 63                     |
| HC-100-8T/H     | 705                  | 4,68                               | 2,70       | 0,75                          | 26950                      | 72                               | 61                     |

### Características acústicas

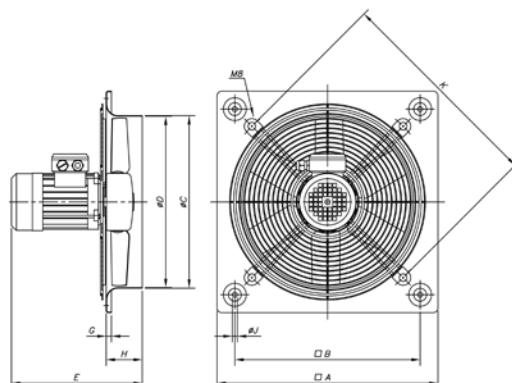
Los valores indicados, se determinan mediante medidas de nivel de presión y potencia sonora en dB(A) obtenidas en campo libre a una distancia equivalente a dos veces la envergadura del ventilador más el diámetro de la hélice, con un mínimo de 1.5 mts.

Espectro de potencia sonora Lw(A) en dB(A) por banda de frecuencia en Hz

| Modelo    | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Modelo     | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|-----------|----|-----|-----|-----|------|------|------|------|------------|----|-----|-----|-----|------|------|------|------|
| 25-2T/H   | 38 | 48  | 65  | 65  | 73   | 69   | 62   | 53   | 63-4/8T/H  | 43 | 60  | 73  | 80  | 85   | 86   | 81   | 74   |
| 25-4T/H   | 25 | 35  | 52  | 52  | 60   | 56   | 49   | 40   | 63-6T/H    | 33 | 50  | 63  | 70  | 75   | 76   | 71   | 64   |
| 31-2T/H   | 46 | 56  | 73  | 73  | 81   | 77   | 70   | 61   | 71-4T/H    | 47 | 64  | 77  | 84  | 89   | 90   | 85   | 78   |
| 31-4T/H   | 28 | 38  | 55  | 55  | 63   | 59   | 52   | 43   | 71-4/8T/H  | 47 | 64  | 77  | 84  | 89   | 90   | 85   | 78   |
| 35-2T/H   | 50 | 60  | 77  | 77  | 85   | 81   | 74   | 65   | 71-6T/H    | 35 | 52  | 65  | 72  | 77   | 78   | 73   | 66   |
| 35-4T/H   | 32 | 42  | 59  | 59  | 67   | 63   | 56   | 47   | 80-4T/H    | 60 | 81  | 88  | 93  | 96   | 92   | 85   | 74   |
| 40-4T/H   | 28 | 45  | 57  | 65  | 70   | 70   | 66   | 59   | 80-4/8T/H  | 60 | 81  | 88  | 93  | 96   | 92   | 85   | 74   |
| 40-6T/H   | 20 | 37  | 49  | 57  | 62   | 62   | 58   | 51   | 80-6T/H    | 49 | 70  | 77  | 82  | 85   | 81   | 74   | 63   |
| 45-4T/H   | 33 | 50  | 63  | 70  | 75   | 76   | 71   | 64   | 90-4T/H    | 64 | 85  | 92  | 97  | 100  | 96   | 89   | 78   |
| 45-6T/H   | 24 | 41  | 54  | 61  | 66   | 67   | 62   | 55   | 90-4/8T/H  | 64 | 85  | 92  | 97  | 100  | 96   | 89   | 78   |
| 50-4T/H   | 36 | 53  | 66  | 73  | 78   | 79   | 74   | 67   | 90-6T/H    | 54 | 75  | 82  | 87  | 90   | 86   | 79   | 68   |
| 50-6T/H   | 26 | 43  | 56  | 63  | 68   | 69   | 64   | 57   | 90-8T/H    | 47 | 68  | 75  | 80  | 83   | 79   | 72   | 61   |
| 56-4T/H   | 39 | 56  | 69  | 76  | 81   | 82   | 77   | 70   | 100-4T/H   | 68 | 88  | 96  | 101 | 103  | 100  | 93   | 82   |
| 56-4/8T/H | 39 | 56  | 69  | 76  | 81   | 82   | 77   | 70   | 100-4/8T/H | 68 | 88  | 96  | 101 | 103  | 100  | 93   | 82   |
| 56-6T/H   | 28 | 45  | 58  | 65  | 70   | 71   | 66   | 59   | 100-6T/H   | 58 | 78  | 86  | 91  | 93   | 90   | 83   | 72   |
| 63-4T/H   | 43 | 60  | 73  | 80  | 85   | 86   | 81   | 74   | 100-8T/H   | 52 | 72  | 80  | 85  | 87   | 84   | 77   | 66   |

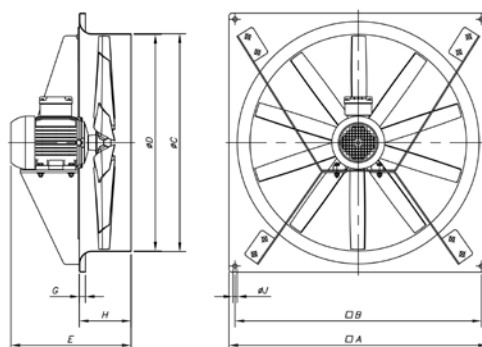
# Dimensiones mm

## HC 25...63



| Modelo       | A   | B   | ØC    | ØD  | E     | G  | H    | ØJ   | K   |
|--------------|-----|-----|-------|-----|-------|----|------|------|-----|
| HC-25        | 330 | 275 | 262   | 260 | 241   | 11 | 56   | 8,5  | 310 |
| HC-31-2      | 400 | 336 | 310,5 | 308 | 264,5 | 11 | 65   | 8,5  | 380 |
| HC-31-4      | 400 | 336 | 310,5 | 308 | 245,5 | 11 | 65   | 8,5  | 380 |
| HC-35-2      | 465 | 390 | 362,5 | 360 | 310   | 11 | 76   | 10,5 | 450 |
| HC-35-4      | 465 | 390 | 362,5 | 360 | 261   | 11 | 76   | 10,5 | 450 |
| HC-40-4.../H | 532 | 452 | 412,5 | 410 | 332   | 11 | 97,5 | 10,5 | 500 |
| HC-40-6.../H | 532 | 452 | 412,5 | 410 | 332   | 11 | 97,5 | 10,5 | 500 |
| HC-45-4.../H | 596 | 504 | 462,5 | 460 | 339   | 11 | 105  | 10,5 | 560 |
| HC-45-6.../H | 596 | 504 | 462,5 | 460 | 339   | 11 | 105  | 10,5 | 560 |
| HC-50-4T/H   | 665 | 562 | 516,5 | 514 | 376   | 11 | 115  | 10,5 | 640 |
| HC-50-4M/H   | 665 | 562 | 516,5 | 514 | 376   | 11 | 115  | 10,5 | 640 |
| HC-50-6.../H | 665 | 562 | 516,5 | 514 | 336   | 11 | 115  | 10,5 | 640 |
| HC-56-4T/H   | 710 | 630 | 563   | 560 | 374   | 15 | 115  | 10,5 | 721 |
| HC-56-6.../H | 710 | 630 | 563   | 560 | 351   | 15 | 115  | 10,5 | 721 |
| HC-63-4T/H   | 800 | 710 | 638   | 635 | 399   | 15 | 140  | 10,5 | 820 |
| HC-63-6.../H | 800 | 710 | 638   | 635 | 376   | 15 | 140  | 10,5 | 820 |

## HC 71...100

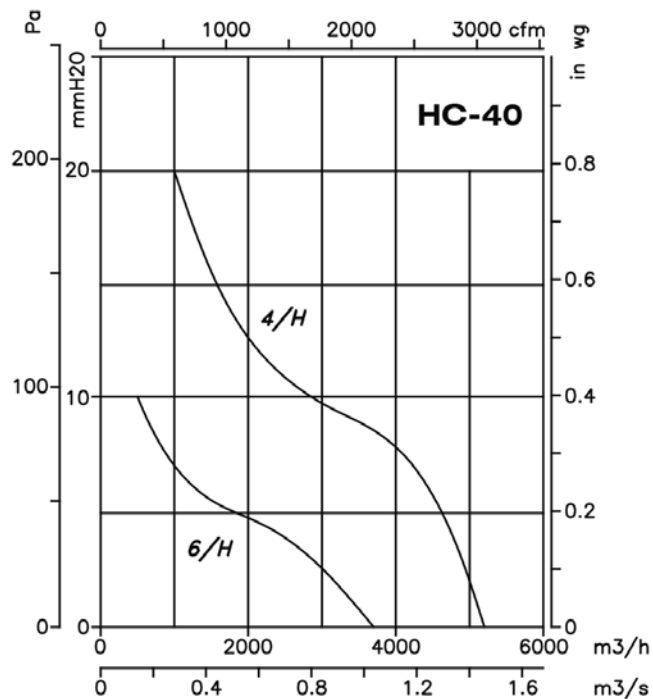
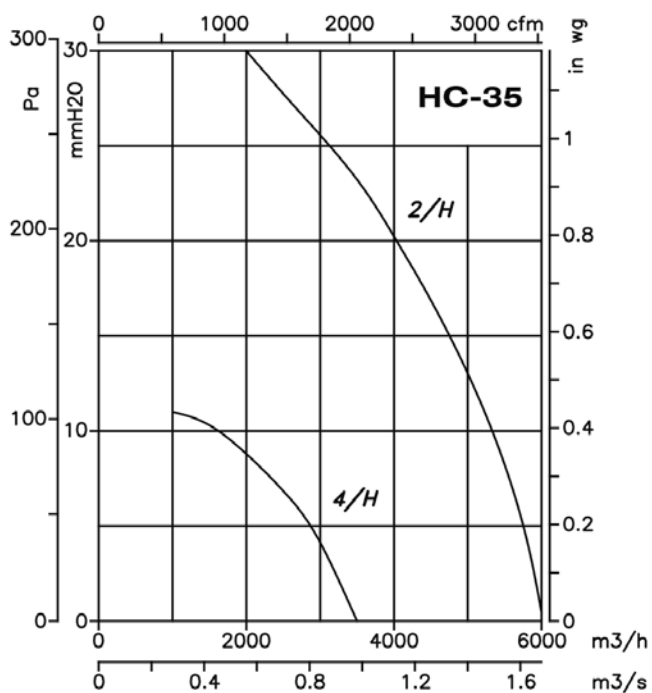
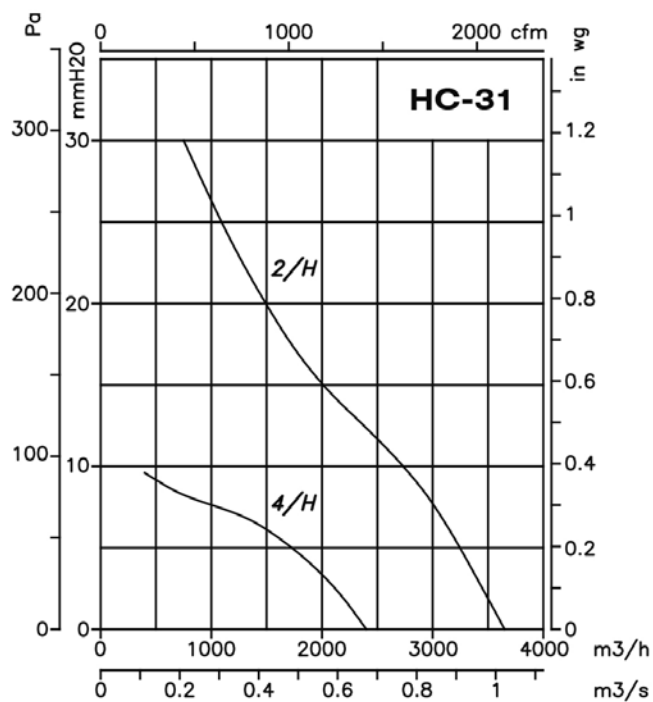
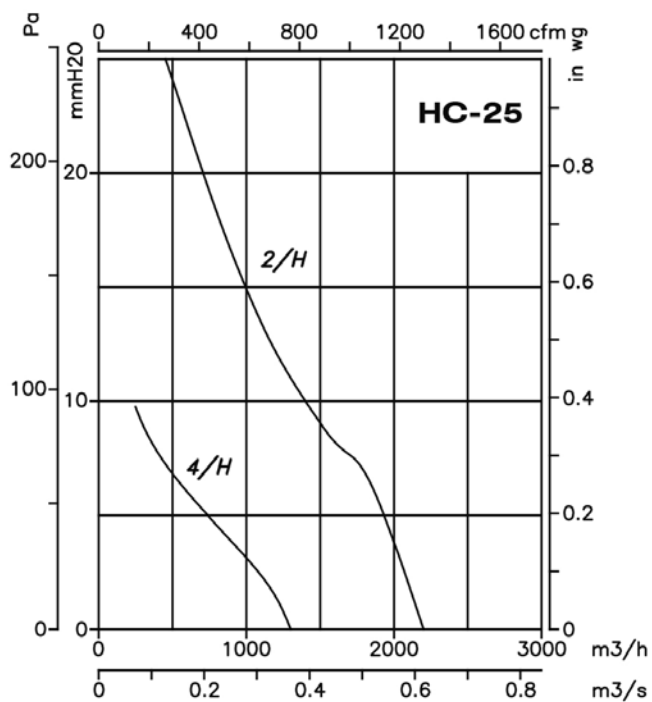


| Modelo      | A    | B    | ØC   | ØD  | E   | G  | H   | ØJ   |
|-------------|------|------|------|-----|-----|----|-----|------|
| HC-71-4T/H  | 850  | 810  | 715  | 711 | 395 | 20 | 170 | 14,5 |
| HC-71-6T/H  | 850  | 810  | 715  | 711 | 395 | 20 | 170 | 14,5 |
| HC-80-4T/H  | 970  | 910  | 801  | 797 | 500 | 20 | 210 | 14,5 |
| HC-80-6T/H  | 970  | 910  | 801  | 797 | 458 | 20 | 210 | 14,5 |
| HC-90-4T/H  | 1170 | 1110 | 918  | 914 | 511 | 20 | 210 | 14,5 |
| HC-90-6T/H  | 1170 | 1110 | 918  | 914 | 500 | 20 | 210 | 14,5 |
| HC-90-8T/H  | 1170 | 1110 | 918  | 914 | 455 | 20 | 210 | 14,5 |
| HC-100-4T/H | 1170 | 1110 | 1003 | 999 | 548 | 20 | 220 | 14,5 |
| HC-100-6T/H | 1170 | 1110 | 1003 | 999 | 498 | 20 | 220 | 14,5 |
| HC-100-8T/H | 1170 | 1110 | 1003 | 999 | 498 | 20 | 220 | 14,5 |

### Curvas características

Q= Caudal en m<sup>3</sup>/h, m<sup>3</sup>/s y cfm.

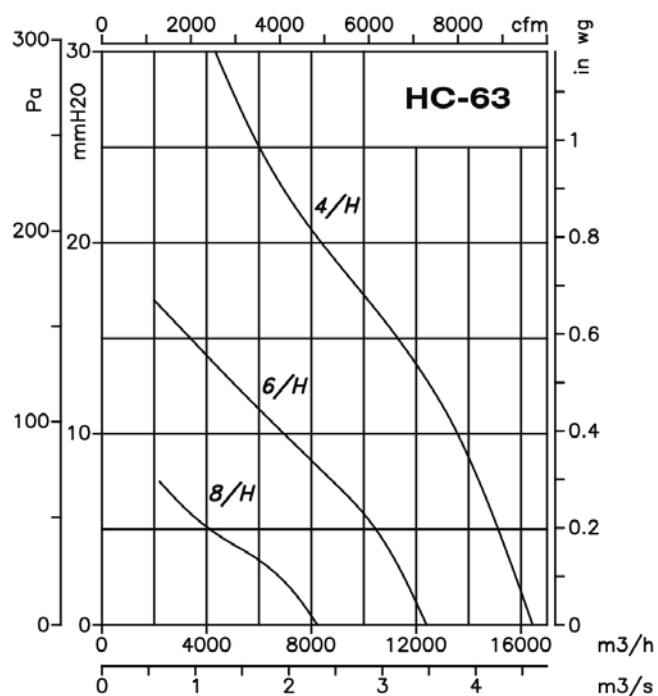
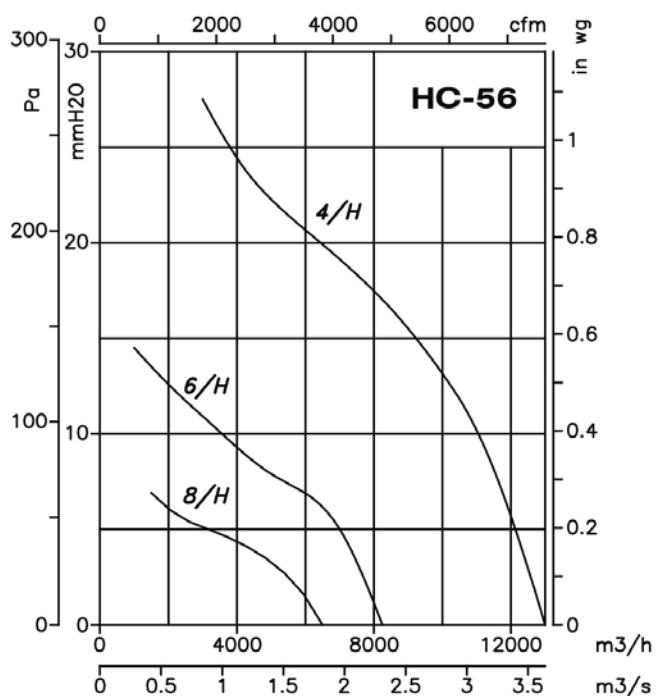
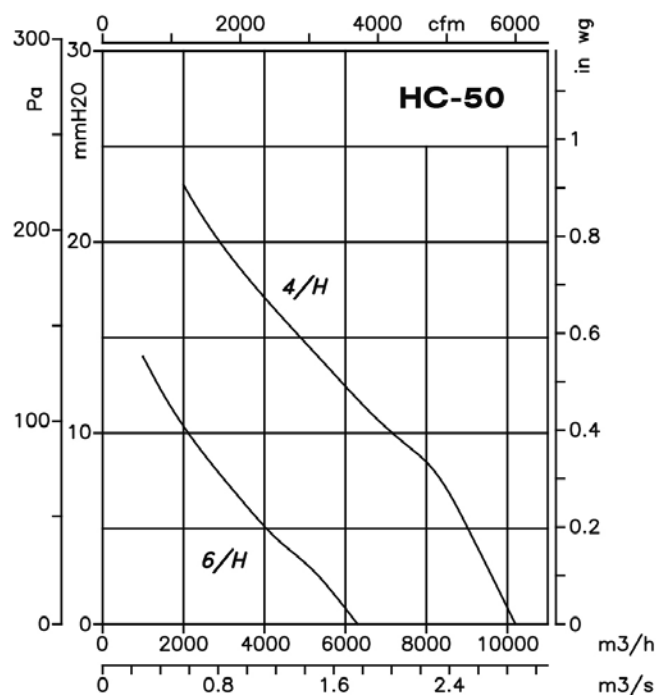
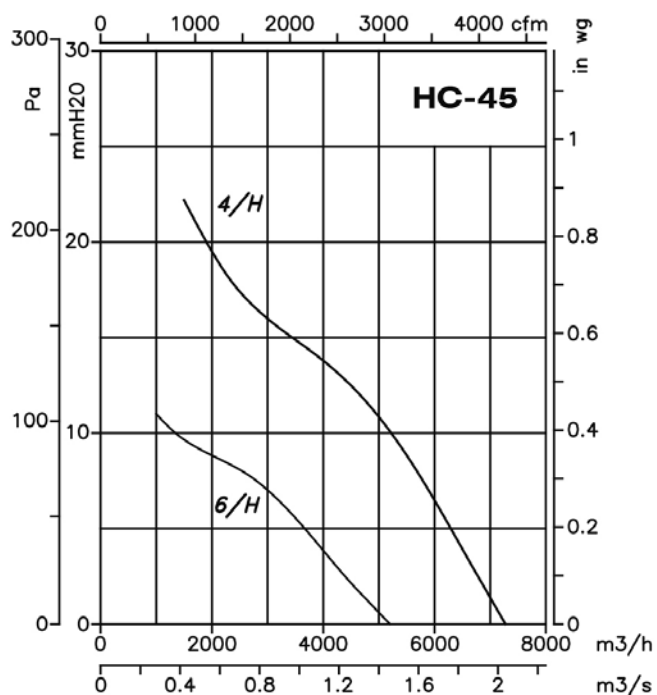
Pe= Presión estática en mmH<sub>2</sub>O, Pa e inwg.



# Curvas características

Q= Caudal en m<sup>3</sup>/h, m<sup>3</sup>/s y cfm.

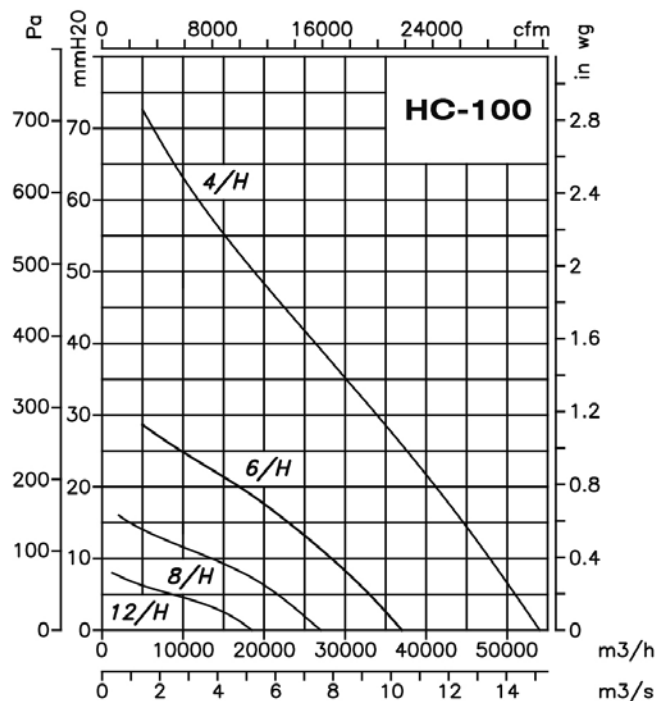
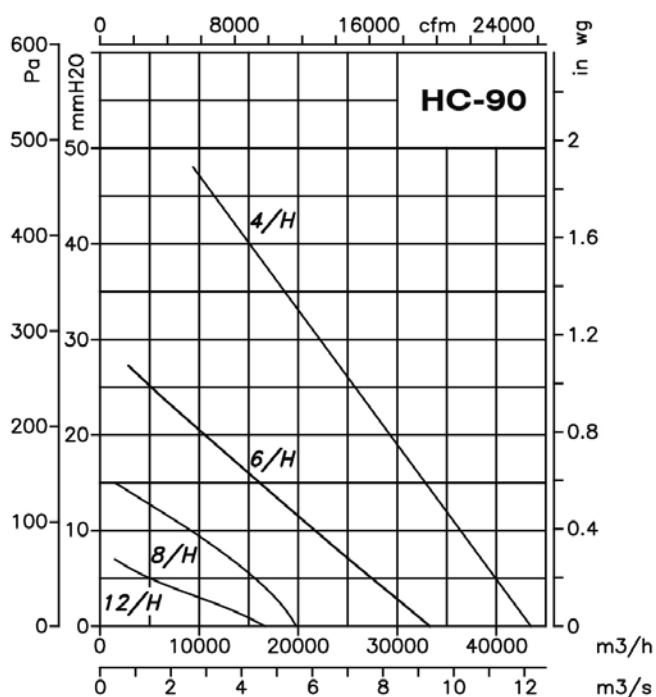
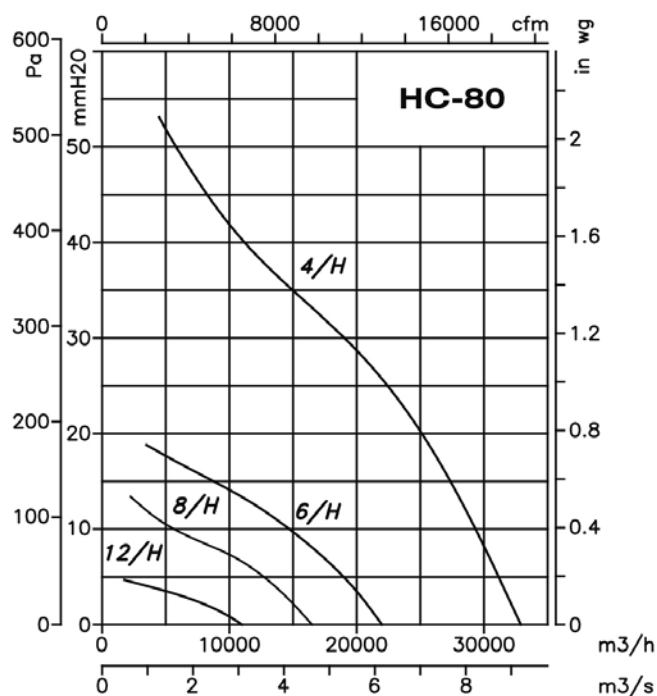
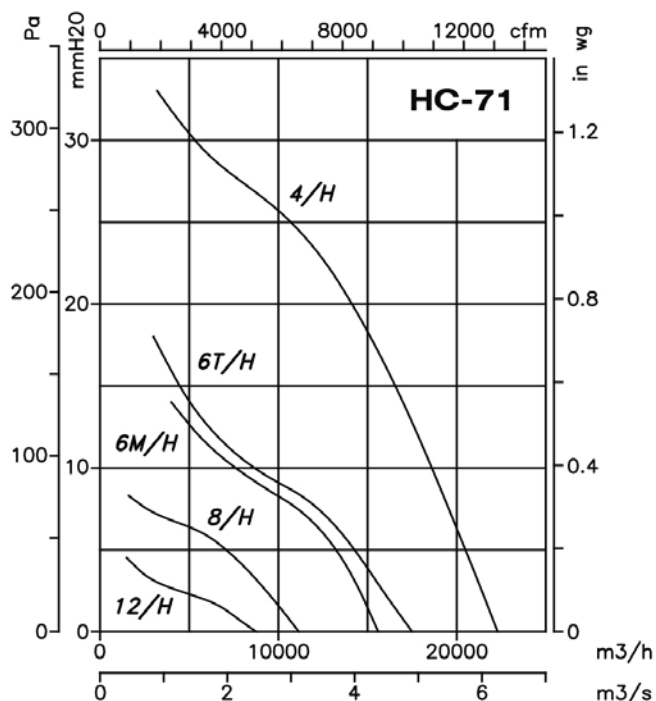
Pe= Presión estática en mmH<sub>2</sub>O, Pa e inwg.



### Curvas características

Q= Caudal en m<sup>3</sup>/h, m<sup>3</sup>/s y cfm.

Pe= Presión estática en mmH<sub>2</sub>O, Pa e inwg.



### Accesorios

