



Cirkulära axial fläktar med EC Technology yttre rotormotor, speciellt utformad för hög energieffektivitet.

**Motor:**

- Hög effektiva externa rotormotorer EC Technology regleras av 0-10 V signal. IP44-skydd.
- Enfas 230 V 50/60 Hz och trefas 400 V 50/60 Hz.
- Arbetstemperatur: -25 °C +60 °C.



# HRE/EC

**Circular axial fans with EC Technology outer rotor motor**

**Fläkt:**

- Störring i stålplåt.
- Skyddsgaller mot kontakter enligt UNE-EN ISO 12499.
- Plasthjul (25) och stålhjul (storlek 30 och 35).
- Grillfläkthjulets luftflödesriktning.



Circular axial fans with EC Technology outer rotor motor, specially designed for high energy efficiency

**Fan:**

- Support ring in sheet steel.
- Protection grid against contacts according to UNE-EN ISO 12499.
- Plastic impeller (25) and sheet steel impeller (sizes 30 and 35).
- Grille impeller airflow direction.

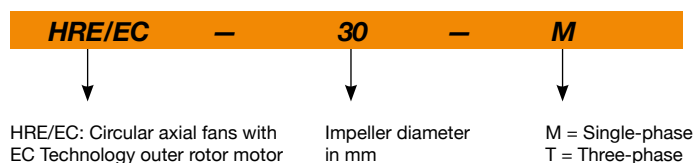
**Motor:**

- High efficiency EC Technology motors, outer rotor adjustable via 0-10 V signal. IP44 protection.
- Single-phase 230 V 50/60 Hz and three-phase 400 V 50/60 Hz.
- Working temperature: -25 °C +60 °C.

**Finish:**

- Anti-corrosive finish in polyester resin, polymerised at 190 °C, after degreasing with phosphate-free nanotechnology treatment.

## Order code



## Technical characteristics

| Model                       | Max. speed<br>(r/min) | Maximum admissible current (A)<br>230V | Max. electric power<br>(W) | Maximum flow rate<br>(m³/h) | Sound pressure level<br>dB (A) | Approx. weight<br>(Kg) | According ErP |
|-----------------------------|-----------------------|----------------------------------------|----------------------------|-----------------------------|--------------------------------|------------------------|---------------|
| <a href="#">HRE/EC-25-M</a> | 2915                  | 1.63                                   | 228                        | 1540                        | 68                             | 3                      | 2015          |
| <a href="#">HRE/EC-30-M</a> | 2263                  | 1.15                                   | 159                        | 2590                        | 66                             | 3                      | 2015          |
| <a href="#">HRE/EC-35-M</a> | 1838                  | 1.29                                   | 173                        | 3340                        | 63                             | 5                      | 2015          |

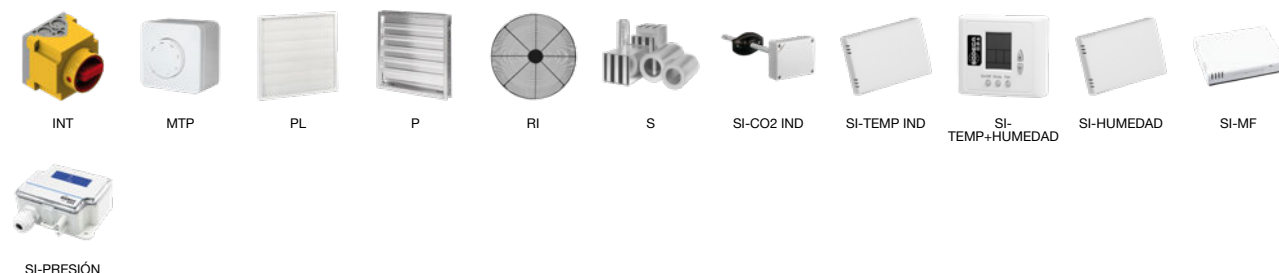
Samtliga fläktar i denna serie är lagervaror.



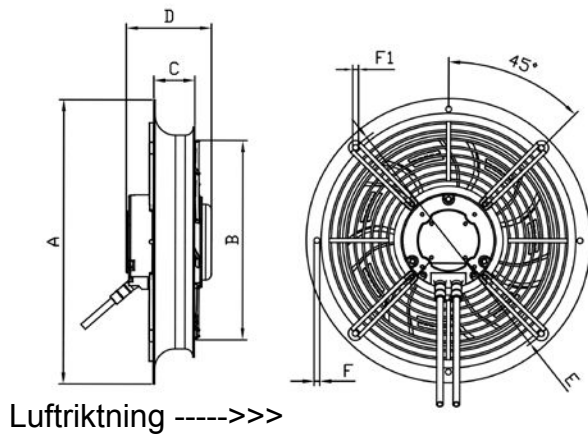
## Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SODECA website or the QuickFan selector programme.

## Accessories



## Dimensions mm



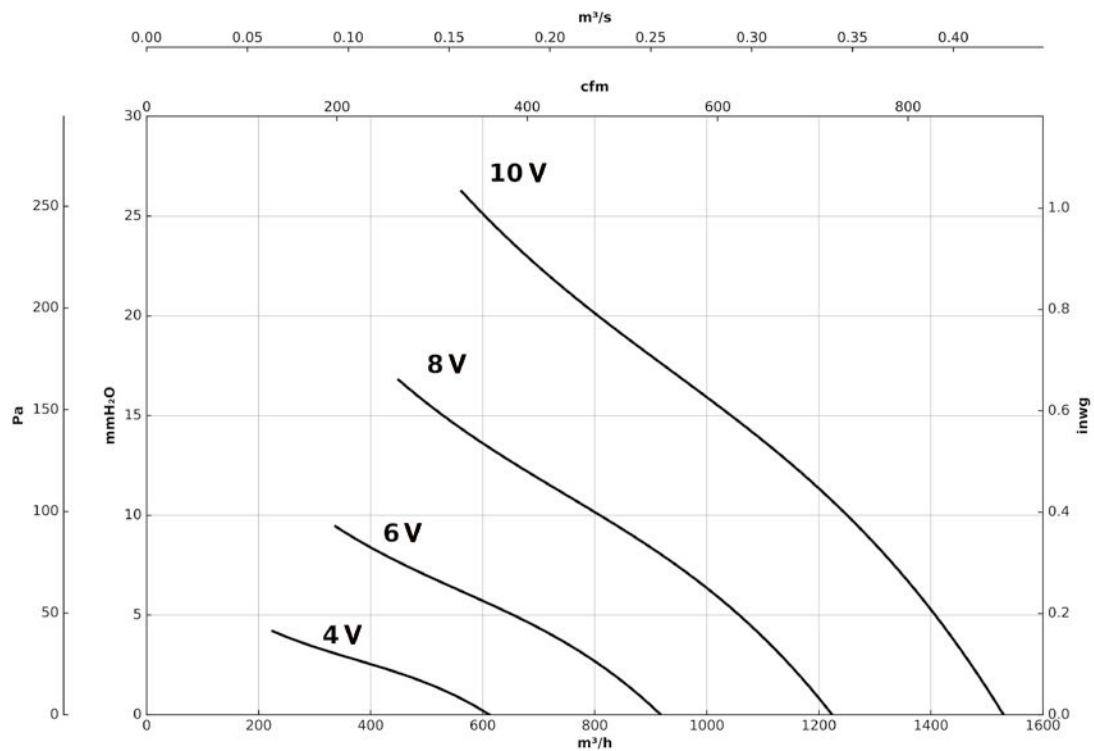
|             | ØA  | ØB  | C  | D     | ØE  | ØF1 | ØF |
|-------------|-----|-----|----|-------|-----|-----|----|
| HRE/EC-25-M | 346 | 280 | 50 | 103.6 | 320 | 7   | 7  |
| HRE/EC-30-M | 395 | 338 | 63 | 103.6 | 360 | 7   | 10 |
| HRE/EC-35-M | 460 | 383 | 65 | 128.9 | 420 | 7   | 10 |

## Characteristic curves

Q= Flow rate in m³/h, m³/s and cfm

Pe= Static pressure in mm H₂O, Pa and inwg

### HRE/EC-25-M



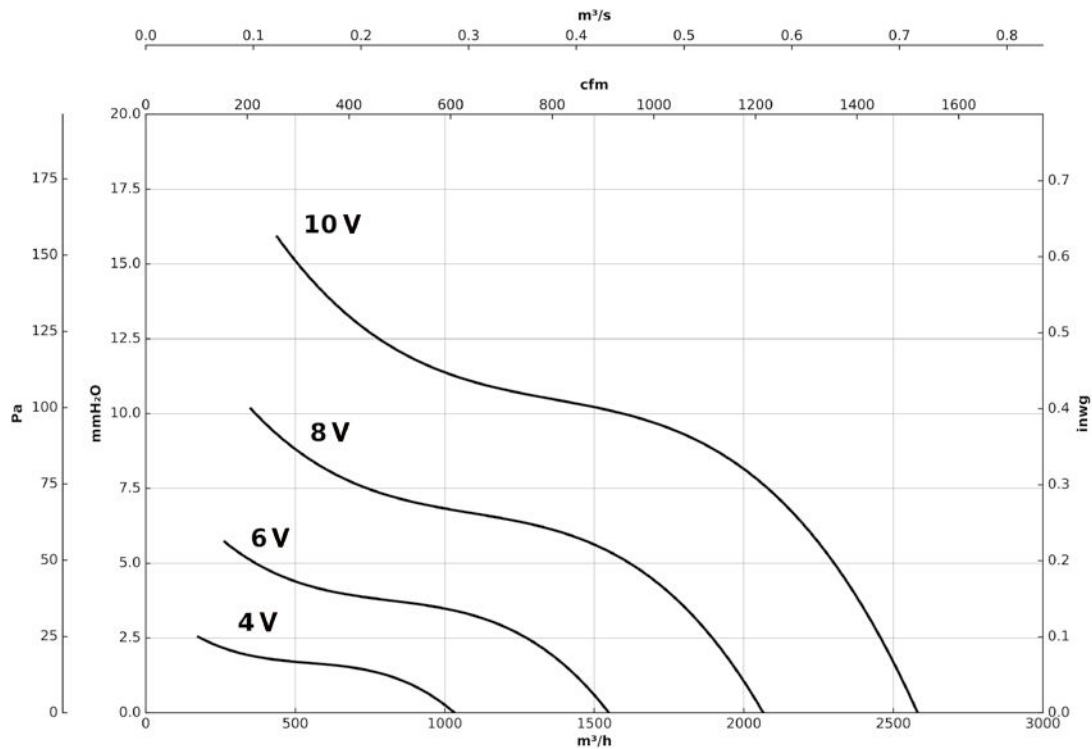


## Characteristic curves

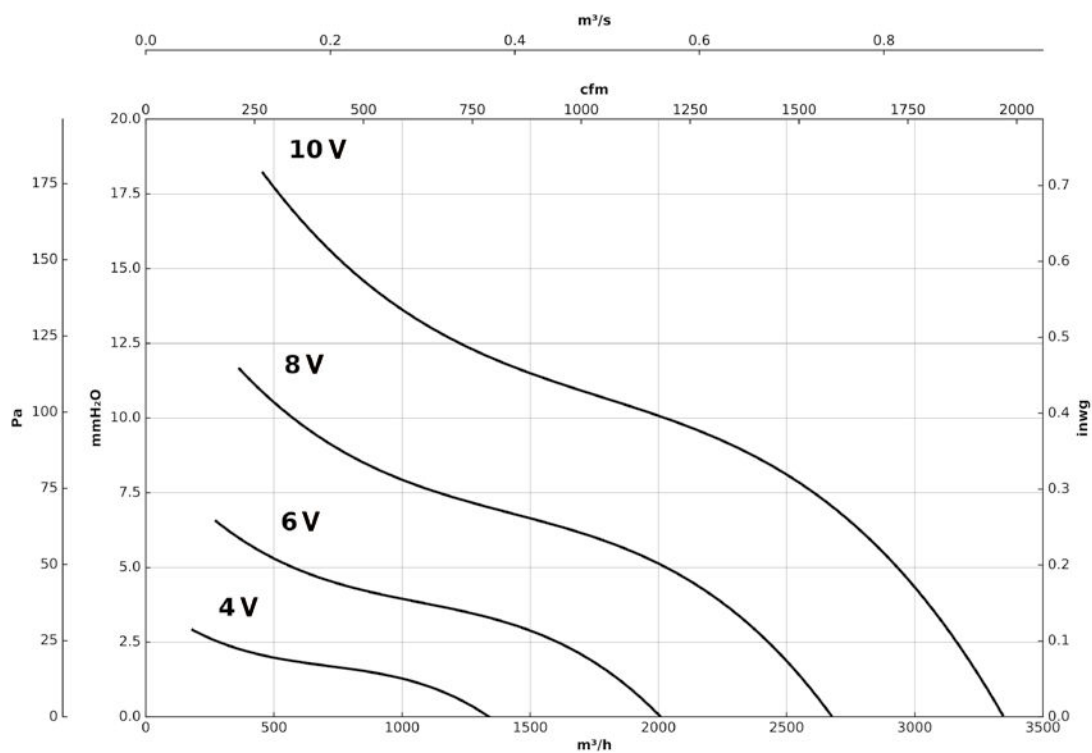
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm

Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg

### HRE/EC-30-M



### HRE/EC-35-M



# MTP

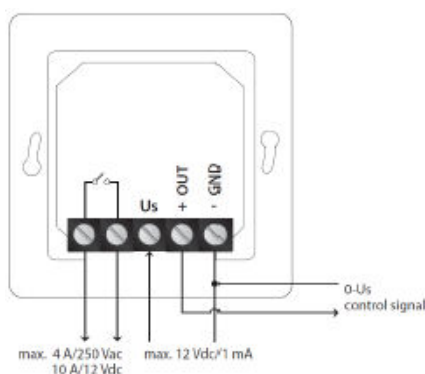
*Borstlös motorvarvtalsreglering 0-10V*



## MTP Borstlös motorvarvtalsreglering 0-10 V

### Egenskaper:

- Potentiometer för varvtalsreglering av fläktar utrustade med 0-10 VDC borstlös motor.
- Levererar gradvis en spänning mellan 0 och 10 VDC.
- Kan användas som omkopplare.
- Fukttålig enhet.
- Max omgivningstemperatur +35°C.
- Färg RAL9010.
- Resistens vid 10 k $\Omega$  (-20 % / +20 %). 4 A/250 VAC-10 A/12 VDC
- Möjlighet till ytmontering (IP54) eller infälld montering (IP44).



Us : Supply voltage (max 12VDC/1 mA)  
+OUT: Output voltage 0..Us  
-GND: Ground

