

CMRS-400-2T-5.5 IE3



Extremely robust medium pressure. single-inlet centrifugal fans fitted with a backward-curved blade impeller

Fan:

- Sheet steel casing.
- Reaction blade impeller in extremely robust sheet steel. specially designed for transporting clean or slightly dusty air.
- Motor coupled directly.
- Fitted with inspection hatch. except models 350. 400. 450. 500 and 560.

Motor:

- IE3 efficiency motors for powers equal to or greater than 0.75kW except single-phase. 2-speed and 8-pole.
- Class F motors with ball bearings and IP55 protection.
- Three-phase 230/400V-50Hz (up to 4kW) and 400/690V-50Hz (powers higher than 4kW).
- Maximum temperature of air to be carried: -20°C + 120°C.

Finish:

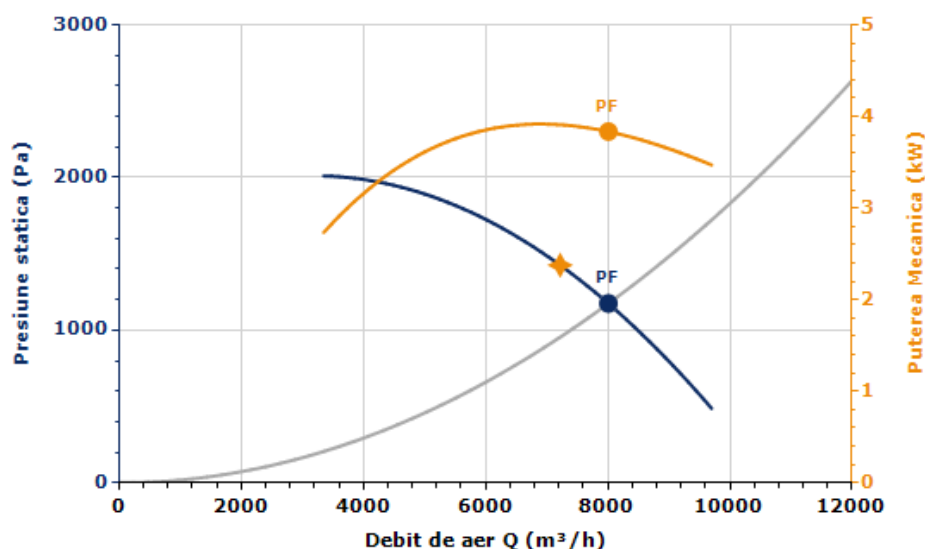
- Anti-corrosive finish of polyester resin polymerised at 190°C. previously degreased with phosphate-free nanotechnological treatment.

On request:

- Special windings for different voltages.
- Fan prepared for air transmission of up to 250°C.
- Stainless steel fan.
- ATEX-certified Category 2.
- System 8 elastic coupling.



CURBA CARACTERISTICA SI ACUSTICA LA 1,2KG/M³



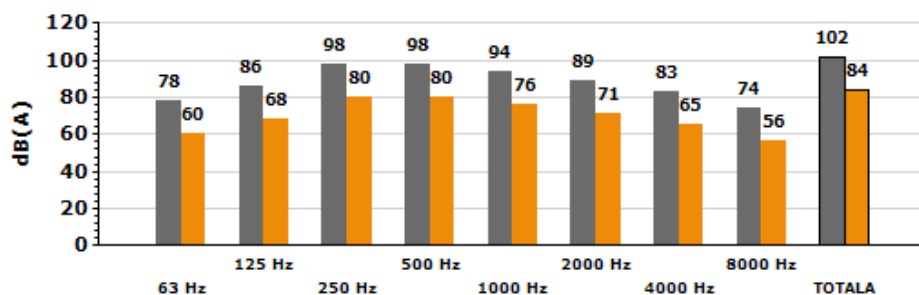
Punctul de Proiectare

Q (m³/h)	8010
Ps (Pa)	1175

Punctul de Functionare (PF)

Q (m³/h)	8009,78
Ps (Pa)	1174,94
Pd (Pa)	219,41
Pt (Pa)	1394,35
Rotor (rpm)	2900
Temp. Max. (°C)	120
Viteza de refulare a aerului (m/s)	19,12
SFP (kW/m³/s)	1,94
Puterea Mecanica (kW)	3,84

Acustica: Aspiratie, 3 (m), 1 plan reflectorizant



Banda	Lw dB(A)	Lp dB(A)
63 Hz	78	60
125 Hz	86	68
250 Hz	98	80
500 Hz	98	80
1000 Hz	94	76
2000 Hz	89	71
4000 Hz	83	65
8000 Hz	74	56
TOTALA	102	84

CARACTERISTICI TEHNICE

Debit de aer maxim (m³/h)	9700
Viteza (rpm)	2900
Greutate aprox. (kg)	98

ERP

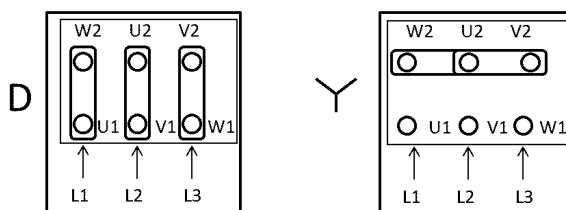
Randament	74,1%
Gradul de randament N	77,9
Categoria de masurare	B
Categoria de randament	Total
Raportul specific	1,02
Debit (m³/h)	7221

Presiune (Pa)	1604
Putere electrica (kW)	4,345
Viteza (rpm)	2902
Convertizor de frecventa	VSD nu este necesar
ErP compliance	2015

◆ Datele sunt stabilite la punctul de eficienta optim

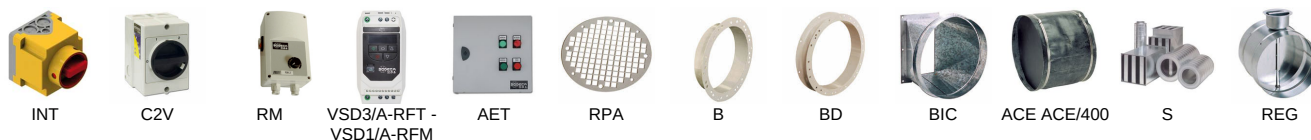
DATELE MOTORULUI

Puterea Instalata (kW)	4
Hz/faze	50/3
Motor (rpm)	2900
Poli	2P
Curent maxim (A) 380-415 V Y	7,50
Curent maxim (A) 220-240 V D	13,00
Protectia motorului	IP55
Marimea ramei motorului	112M



Datele se pot schimba, va rugam sa verificati placuta motorului

ACCESORII DISPONIBILE



Trebuie verificat daca accesoriul este potrivit pentru modelul de ventilator

DIMENSIUNI

A	B	C	C1	C2	ØD1	Ød	Ød1	Ød2	N	E	H	H1	L
666	824	638	490	148	405	491	448	12	8x45°	285	500	242	408

M	R	ØO1	P	p	X	x1	Y	T	J	J1	J2	S	s
310	23	12	324	289	643	264	172	368	484	36	448	292	125

s1	s2	W	ØZ
41	332	408	12

Dimensiunile fara unitati definite explicit sunt exprimate in milimetri (mm). Dimensiunile în funcție de motor sunt aproximative

