

CMRS-350-2T-4 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:

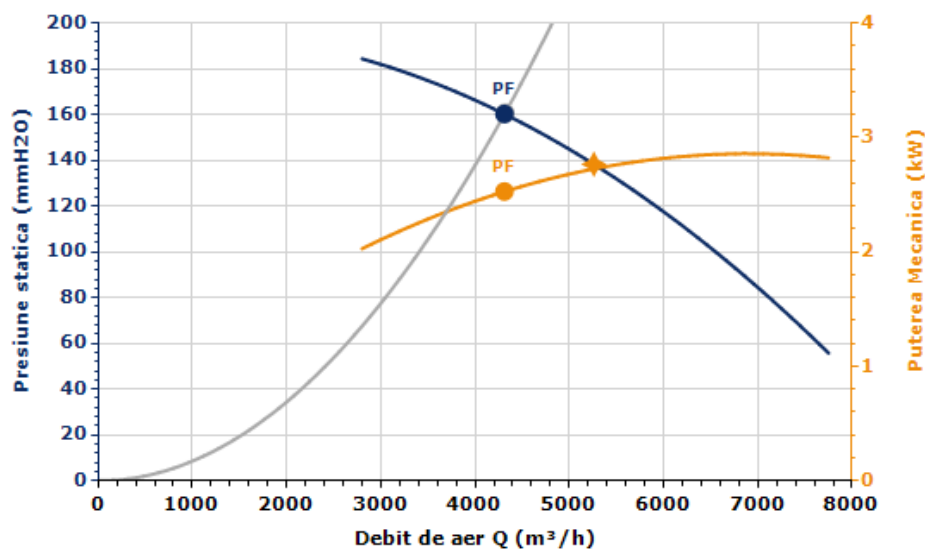
- Anti-corrosive finish of polyester resin polymerised at 190°C. previously degreased with phosphate-free nanotechnological treatment.

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

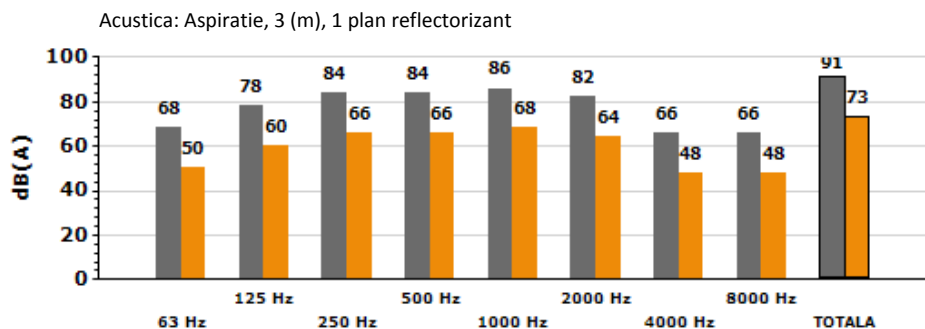


Punctul de Proiectare

Q (m ³ /h)	4319
Ps (mmH ₂ O)	160,80

Punctul de Functionare (PF)

Q (m ³ /h)	4311,46
Ps (mmH ₂ O)	160,24
Pd (mmH ₂ O)	10,27
Pt (mmH ₂ O)	170,51
Rotor (rpm)	2910
Temp. Max. (°C)	120
Viteza de refulare a aerului (m/s)	12,96
SFP (kW/m ³ /s)	2,43
Puterea Mecanica (kW)	2,53



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

Banda	Lw dB(A)	Lp dB(A)
63 Hz	68	50
125 Hz	78	60
250 Hz	84	66
500 Hz	84	66
1000 Hz	86	68
2000 Hz	82	64
4000 Hz	66	48
8000 Hz	66	48
TOTALA	91	73

CARACTERISTICI TEHNICE

Debit de aer maxim (m³/h)	7750
Viteza (rpm)	2910
Greutate aprox. (kg)	77

ERP

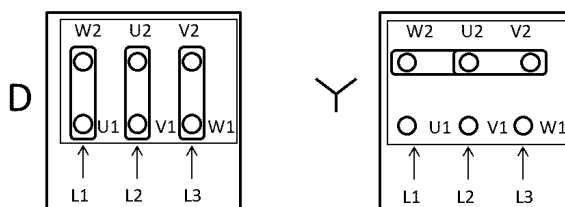
Randament	70,3%
Gradul de randament N	75,6
Categoria de masurare	B
Categoria de randament	Total
Raportul specific	1,01
Debit (m³/h)	5260

Presiune (Pa)	1506
Putere electrica (kW)	3,133
Viteza (rpm)	2918
Convertizor de frecventa	VSD nu este necesar
ErP compliance	2015

◆ Datele sunt stabilite la punctul de eficienta optim

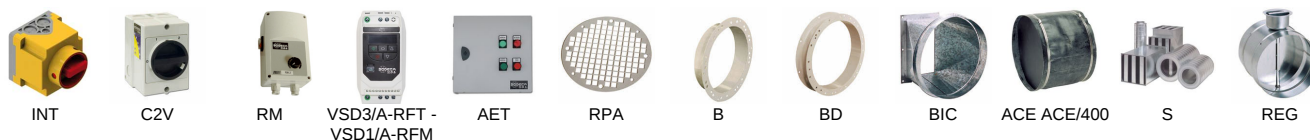
DATELE MOTORULUI

Puterea Instalata (kW)	3
Hz/faze	50/3
Motor (rpm)	2910
Poli	2P
Curent maxim (A) 380-415 V Y	5,77
Curent maxim (A) 220-240 V D	10,00
Protectia motorului	IP55
Marimea ramei motorului	100L



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
592	743	591	459	132	360	434	405	12	8x45°	255	450	215	365

M	R	ØO1	P	p	X	x1	Y	T	J	J1	J2	S	s
295	23	12	324	289	596	249	156	336	441	77	405	260	125

s1	s2	W	ØZ
87	300	365	12

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

