

CMRS-500-2T-25 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.

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:

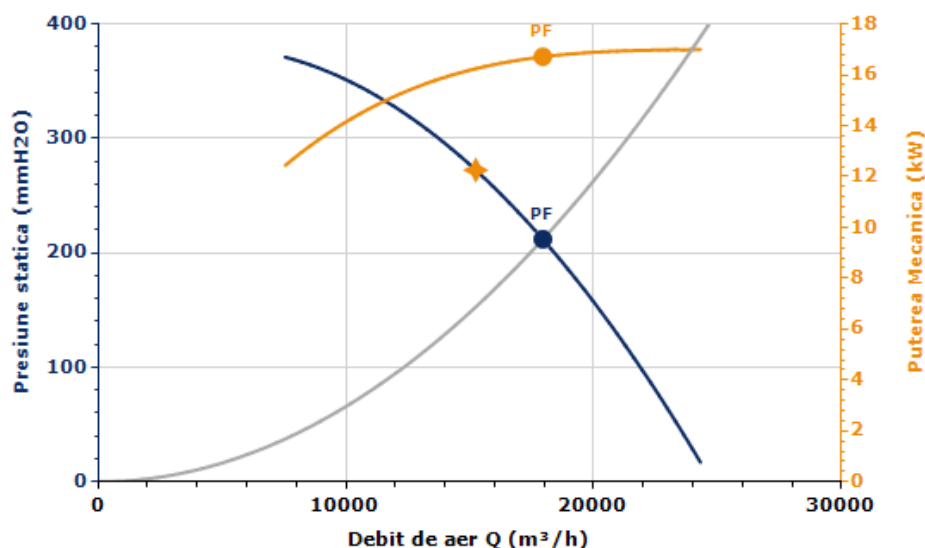
- Anti-corrosive finish of polyester resin polymerised at 190°C. previously degreased with phosphate-free nanotechnological treatment.

On request:

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



CURBA CARACTERISTICA LA 1,2KG/M³



Punctul de Proiectare

Q (m³/h)	17945
Ps (mmH2O)	212

Punctul de Funtionare (PF)

Q (m³/h)	17942,14
Ps (mmH2O)	211,93
Pd (mmH2O)	45,37
Pt (mmH2O)	257,30
Rotor (rpm)	2945
Temp. Max. (°C)	120
Viteza de refulare a aerului (m/s)	27,23
SFP (kW/m³/s)	3,61
Puterea Mecanica (kW)	16,71

CARACTERISTICI TEHNICE

Debit de aer maxim (m³/h)	24300
Viteza (rpm)	2945
Greutate aprox. (kg)	250

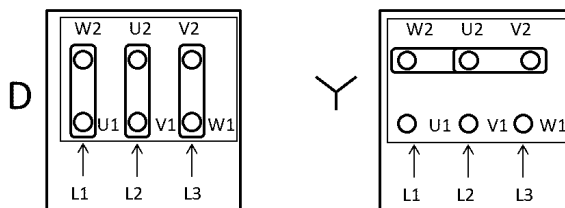
ERP

Randament	72,5%	Presiune (Pa)	2991,62
Gradul de randament N	72,0	Putere electrica (kW)	17,468
Categoria de masurare	B	Viteza (rpm)	2952
Categoria de randament	Total	Convertizor de frecventa	VSD nu este necesar
Raportul specific	1,03	ErP compliance	2015
Debit (m³/h)	15239		

◆ Datele sunt stabilite la punctul de eficienta optim

DATELE MOTORULUI

Puterea Instalata (kW)	18,50
Hz/faze	50/3
Motor (rpm)	2945
Poli	2
Curent maxim (A) 380-415 V D	33,90
Curent maxim (A) 660-725 V Y	19,70
Protectia motorului	IP55
Marimea ramei motorului	160



Datele se pot schimba, va rugam sa verificati placuta motorului

ACCESORII DISPONIBILE

Nu sunt accesorii disponibile.

DIMENSIUNI

A	B	C	C1	C2	ØD1	Ød	Ød1	Ød2	N	E	H	H1	L
832	1000	901	718	183	505	585	551	10	12X30°	360	600	303	507

M	R	ØO1	P	p	X	x1	Y	T	J	J1	J2	S	s
465	25	14	440	400	875	385	240	441	587	88	551	361	125

s1	s2	W	ØZ
77,5	405	507	14

Dimensiunile fara unitati definite explicit sunt exprimate in milimetri (mm)

