Motor Type EC CENTRIFUGAL FORWARD CURVED FAN 133 x 190 36B

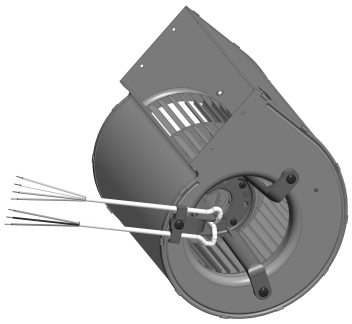
Code:	72-900000
Project code:	P12375

Supply			Type	Impeller Type
220-240 V	50/60 Hz	~ 1	ME72	Centrifugal Forward Curved Blade double inlet + scroll

Nominal Data

Note: 3D image provided for information purposes only.

Nominal voltage range	[V]	220-240
Frequency	[Hz]	50/60
Speed	[Rpm]	2050
Power input	[kW]	0.06
Current draw	[A]	0.45
cos φ	[-]	0.60
Max Efficiency (stat A)	[%]	36.9
Efficiency Grade (N)	[-]	50.8



Technical Features

Max. operating temperature	[°C]	60
	[°F]	140
Min. operating temperature	[°C]	-30
	[°F]	-22
Air flow @ 0 Pa	[m³/h]	888
Thermal protector		--
Insulation class		F
Motor bearing		Ball bearing
Protection level		IP54
Product compliant to		CE; EN 60335-1
Rotation (seen on rotor side)		Clockwise
Impeller size (Ø x h)	[mm]	133 x 190 36B
Impeller material		Metal
Weight	[kg]	3.3
Supply cable lenght	[mm]	900
Signal cable lenght	[mm]	900
Condensate discharge holes (on rotor side)		NO
Mounting position		Vertical/Horizontal Shaft
ERP compliant		ERP 2015

Motor protection

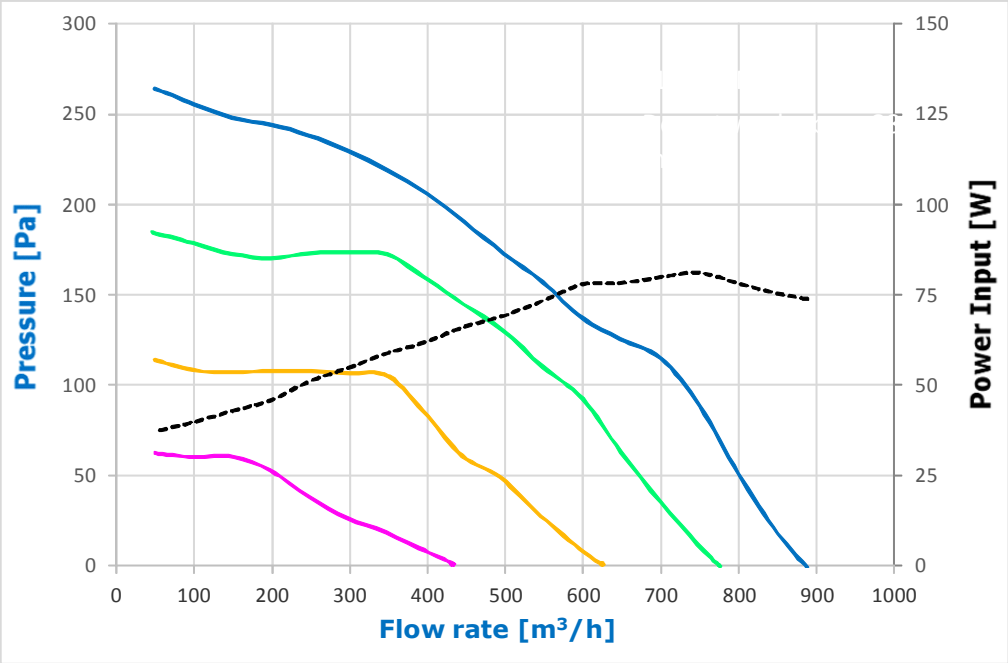
- Locked rotor protection
- Motor current limit
- Over temperature protected
- Line under/overvoltage detection

Special features

- Output 10 Vdc
- Tach output
- Soft start
- Control input 0-10 Vdc/PWM
- Anti windmill
- Low noise FOC control

Air flow performance at 230V 50Hz P12375

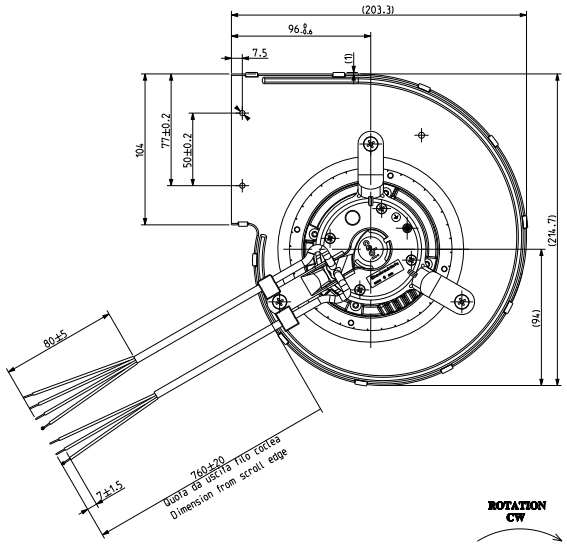
TEST SETUP: Scroll CEBI FAN: 133 x 190 36B

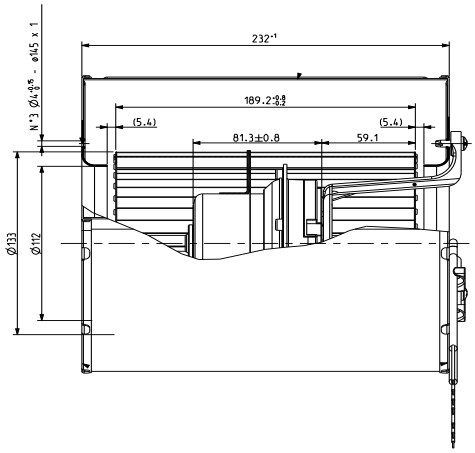


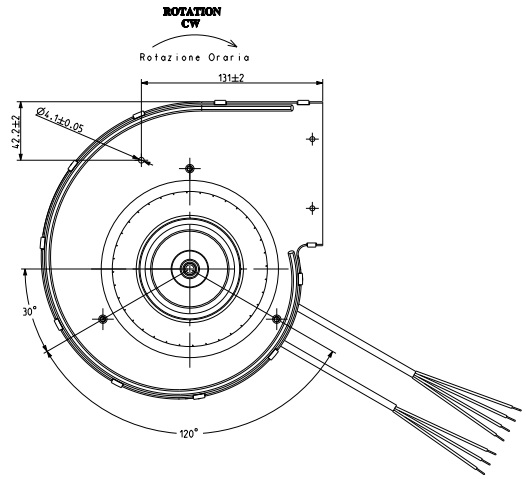
Supply [V]	Supply [Hz]	Speed [rpm]	Power [W]	Current [A]	Efficiency [%]	Flow rate [m³/h]	Pressure [Pa]	Flow rate [cfm]	Pressure [in_H_2O]	
230	50	2212	40	0.29	17.9	100	256	59	1.028	Max Poty
230	50	2050	62	0.45	36.9	400	206	235	0.827	
230	50	1588	81	0.57	22.6	750	88	441	0.353	
230	50	1250	74	0.54	0.0	888	0	523	0.000	
230	50	1276	74	0.52	Free Air test with scroll					
230	50	1865	25	0.19	20.0	100	179	59	0.719	8V
230	50	1869	46	0.34	36.4	350	172	206	0.691	
230	50	1508	53	0.38	29.0	600	92	353	0.369	
230	50	1090	48	0.35	0.0	774	0	456	0.000	
230	50	1489	15	0.12	20.6	100	108	59	0.434	6V
230	50	1490	26	0.19	34.6	300	107	177	0.430	
230	50	1262	28	0.21	27.5	450	61	265	0.245	
230	50	899	26	0.19	0.0	624	0	367	0.000	
230	50	1120	8	0.07	20.3	100	60	59	0.241	4V
230	50	1076	11	0.09	26.9	200	53	118	0.213	
230	50	847	10	0.08	22.0	300	26	177	0.104	
230	50	642	10	0.08	0.0	430	0	253	0.000	

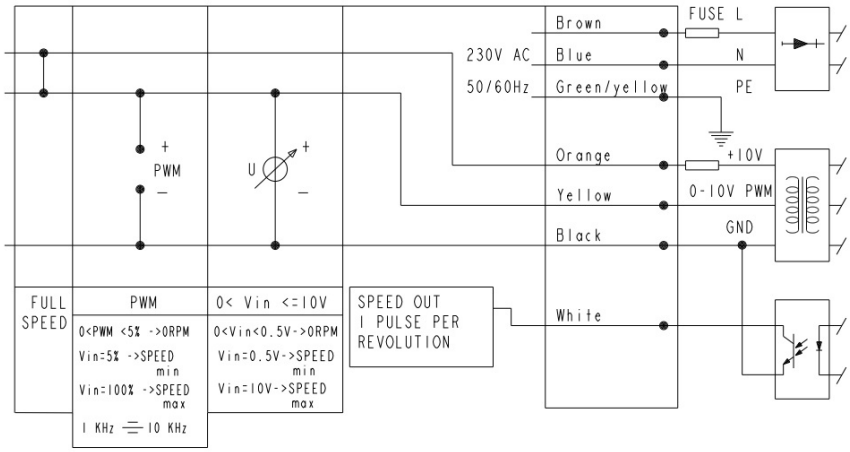
Overall Dimensions

P12375







Note: image provided for information purposes only. Refer to the released product drawing for all the dimensions and components not specified in this technical datasheet.

Wiring Diagram