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

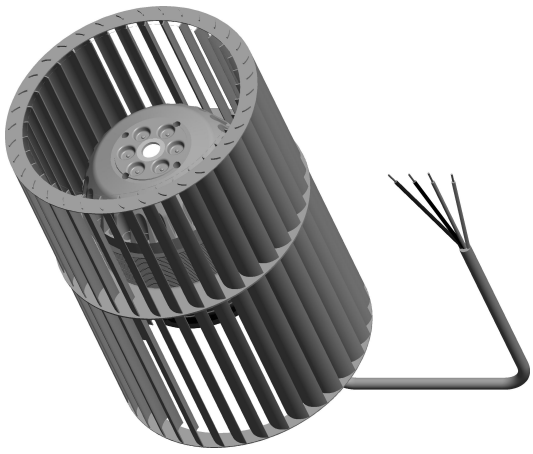
Code:	20-580255
Project code:	P6943

Supply			Poles	Speed	Stator	Impeller Type
220-240 V	50 Hz	~ 1	2	4	M35	Centrifugal Forward Curved Blade double inlet

Nominal Data

Note: 3D image provided for information purposes only.

Nominal voltage	[V]	220-240
Frequency	[Hz]	50
Speed	[rpm]	2290
Power input	[kW]	0.12
Current draw	[A]	0.58
cos φ	[-]	0.93
Max Efficiency (stat A)	[%]	24.8
Efficiency Grade (N)	[-]	36.8
Capacitor	[µF]	4
	[V]	450

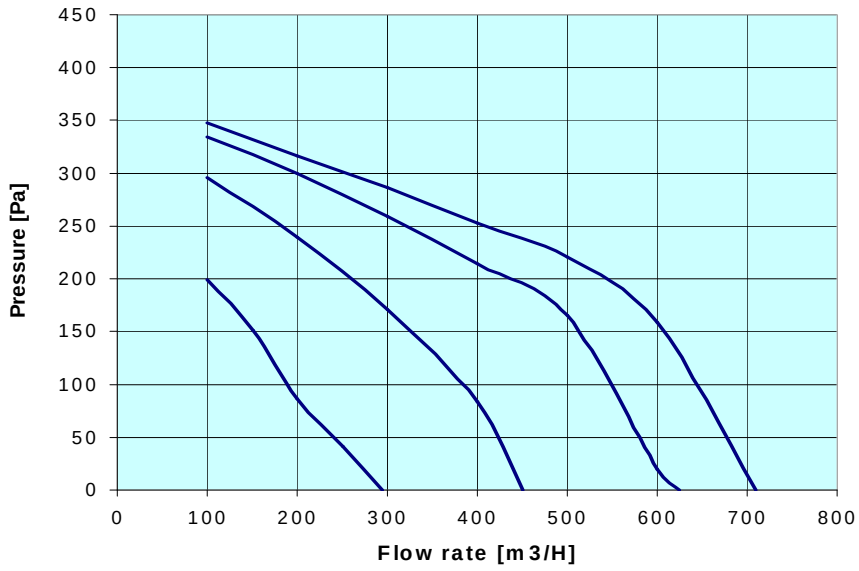


Technical Features

		50 Hz	
Max. operating temperature	[°C]	50	
	[°F]	122	
Min. operating temperature	[°C]	-30	
	[°F]	-22	
Air flow @ 0 Pa	[m³/h]	710	
Thermal protector		Automatic Reset	
Insulation class		B	
Motor bearing		Ball bearing	
Protection level		IP33	
Product compliant to		CE; EN 60335-1	
Approval		CSA on request	
		VDE on request	
Rotation (seen on rotor side)		Counterclockwise	
Impeller size (Ø x h)	[mm]	133 x 190 36B	
Impeller material		Metal	
Weight	[kg]	2.52	
Cable lenght	[mm]	450	
Condensate discharge holes (on rotor side)		NO	
ERP compliant		ERP 2015	

Temperature Rise			
Test Setup @ 244 V		50 Hz	
Scroll @ 0 Pa			
ΔT Main	[K]	61	
ΔT Aux	[K]	55	
Working Point			
ΔT Main	[K]	31	
ΔT Aux	[K]	38	

Air flow performance at 230V 50Hz P6943

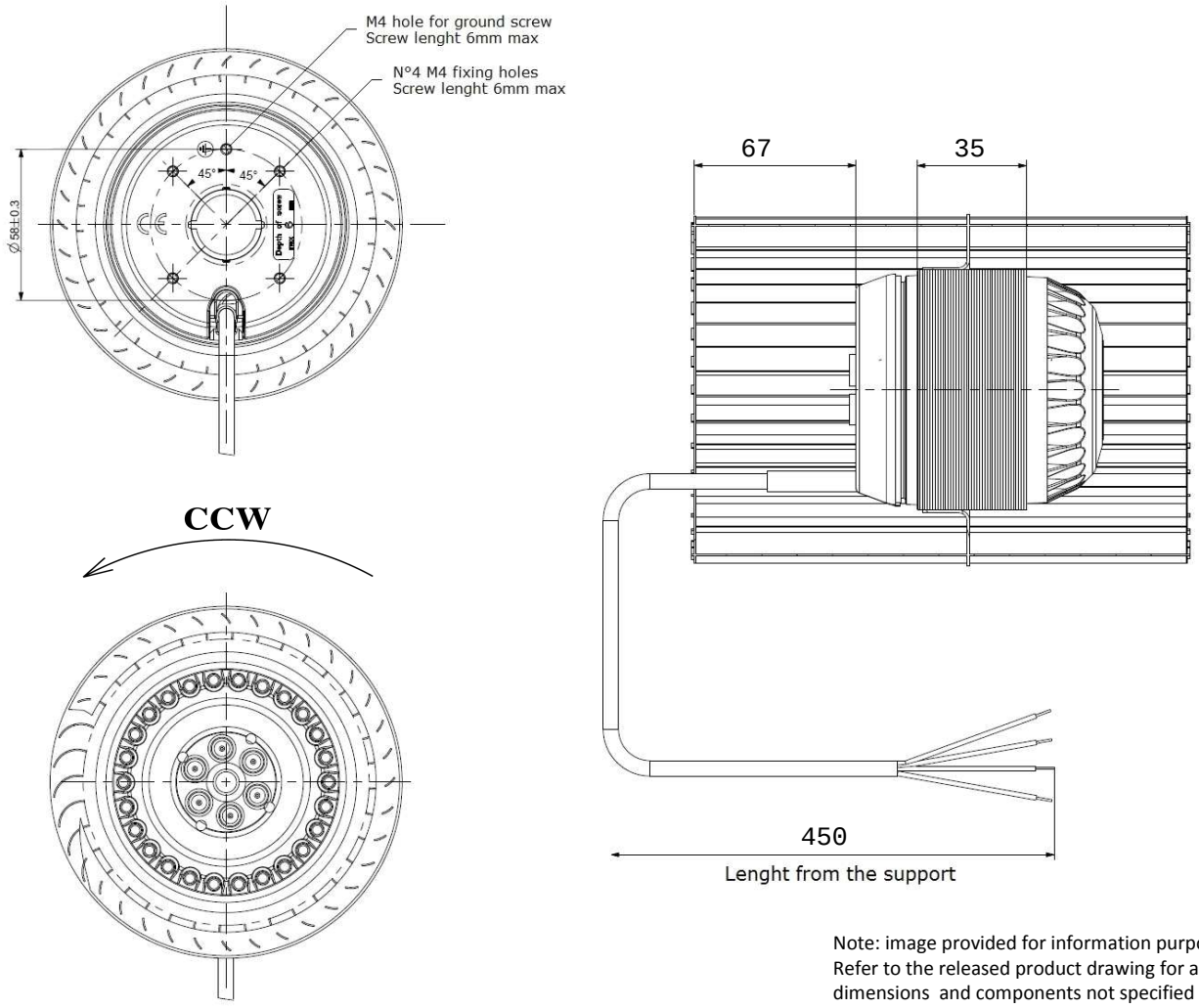


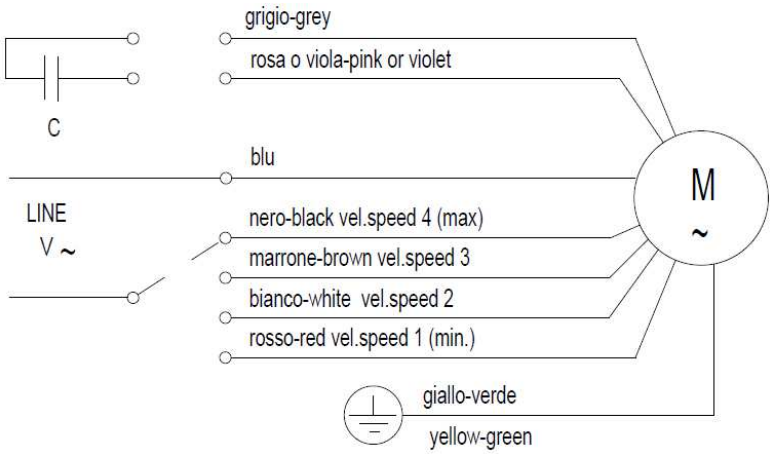
TEST SETUP:

Scroll CEBI 133x190

Supply		Speed	Power	Current	Efficiency	Flow rate	Pressure	Flow rate	Pressure	
[V]	[Hz]	[rpm]	[W]	[A]	[%]	[m³/h]	[Pa]	[cfm]	[in_H_2O]	
230	50	2677	96	0.45	10.0	100	348	59	1.397	speed4
230	50	2534	112	0.51	21.4	300	287	177	1.152	
230	50	2290	124	0.58	24.8	500	221	294	0.887	
230	50	1618	162	0.71	0.0	710	0	418	0.000	
										speed3
										speed2
										speed1

Overall Dimensions P6943



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