

Catalogo tangenziali & centrifughi

Tangential & Centrifugal catalogue



Elettroventilatori per Refrigerazione,
Condizionamento, Ventilazione, Riscaldamento
Motori elettrici ECM & frazionari

*Electric fans and blowers for Refrigeration,
Airconditioning, Ventilation, Heating
ECM & Fractional electric motors*



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Introduzione Generale

General introducing



Introduzione

Da oltre 60 anni MA-VIB è leader nella produzione di motori frazionari a induzione, a poli schermati, a condensatore permanente e di motori ECM, installati nella nostra ampia gamma di ventilatori studiati per soddisfare le più svariate esigenze nei campi della Refrigerazione, del Riscaldamento, del Condizionamento e nella movimentazione dell'aria.

In questo catalogo è presentata la nostra gamma di ventilatori:

- Assiali :
con ventole da Ø 96 a Ø 500 mm
- Tangenziali :
con ventole da Ø 60 a Ø 80 mm
- Fan-Coil :
con ventole da Ø 145 a Ø 215 mm
- Centrifughi :
Con ventole da Ø 96 a Ø 470 mm

Dove sono installati i nostri propri motori, accessori e componenti .

Introducing

For more than 60 years MA-VIB has been leader in the manufacture of quality fractional horse power induction motors of shaded pole, permanent split capacitor and ECM designs, together with a comprehensive range of reliable fan units to meet customer requirement in the fields of Air conditioning, Refrigeration, Heating and Air Mouving.

In this catalogue are presented our ranges of fans :

- Axial :
from Ø 96 to Ø 500 mm impeller
- Tangential :
from Ø 60 to Ø 80 mm impeller
- Fan-Coil :
from Ø 145 to Ø 215 mm impeller
- Centrifugal :
from Ø 96 to Ø 470 mm impeller

Where are installed our own motors with our own accessory and components

Introduction

Depuis plus de 60 ans la MA-VIB est producteur leader de moteurs électriques à induction "shaded pole", à condensateur et ECM et ainsi d'une vaste gamme de ventilateurs étudiés pour satisfaire toute exigence dans les domaines du Froid, du Conditionnement du Chauffage et Air Mouvement.

Vous présentons dans ce catalogue nos gamme de ventilateurs:

- Helicoids :
avec helice du Ø 96 à Ø 500 mm
- Tangentiels :
avec helice du Ø 60 à Ø 80 mm
- Fan-Coil :
Avec helice du Ø 145 à Ø 215 mm
- Centrifuges :
Avec helice du Ø 96 à Ø 470 mm i

Où sont installés nos propres moteurs avec nos accessoires et composants

Einführung

Seit mehr als 60 Jahren ist MA-VIB führend in der Herstellung von Kleinmotoren, Spaltpolmotoren, Kondensatormotoren und ECM motoren Dies gilt ebenso für eine umfangreiche Reihe von zuverlässigen Gebläsen für Lüftung, Kühlung und Heizung, die den Bedürfnissen der Kunden in diesen Bereichen gerecht werden

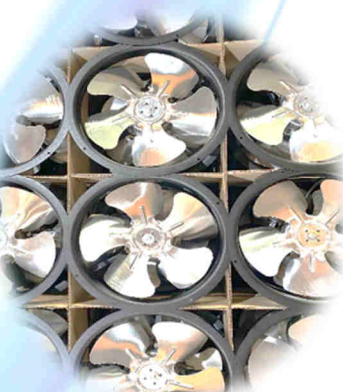
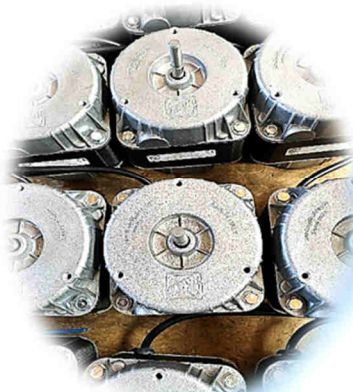
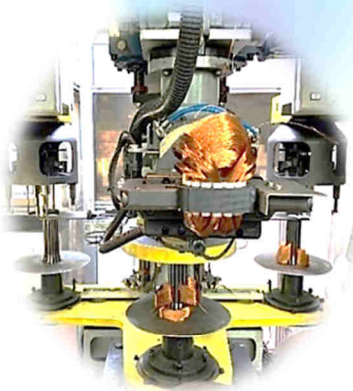
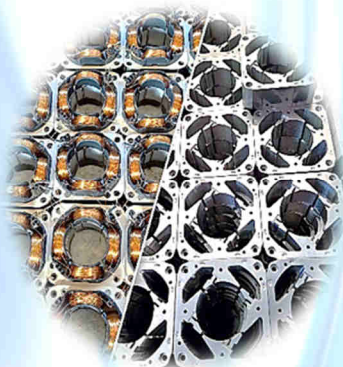
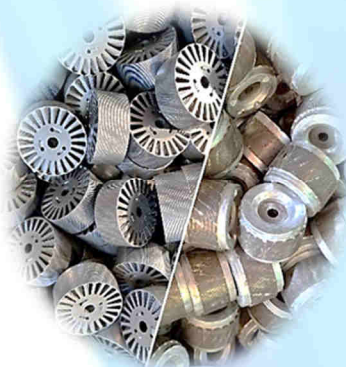
Unser Katalog präsentiert Baureihen kleiner Ventilatoren :

- Axial :
from Ø 96 to Ø 500 mm impeller
- Tangential :
from Ø 60 to Ø 80 mm impeller
- Fan-Coil :
from Ø 145 to Ø 215 mm impeller
- Radial :
from Ø 96 to Ø 470 mm impeller

Wo unsere eigenen Motoren, Zubehörteile und Komponenten verbaut werden.



for all your needs we produce axial and centrifugal fan motors



for further information contact us or visit www.mavib.com

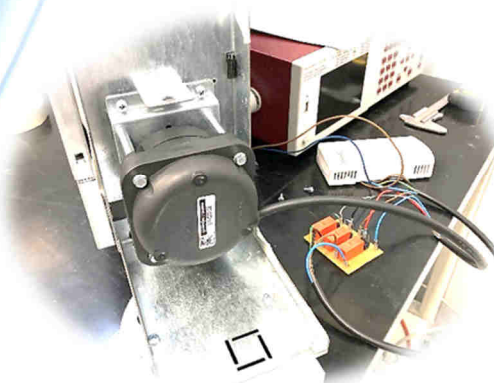
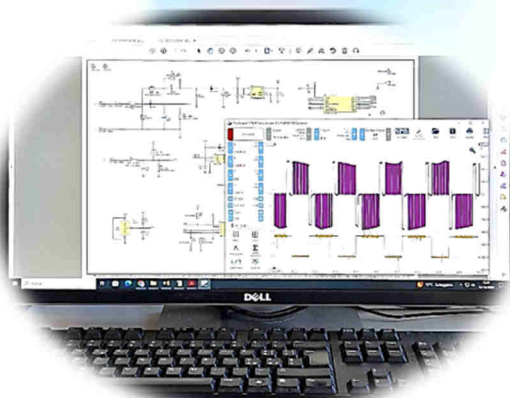
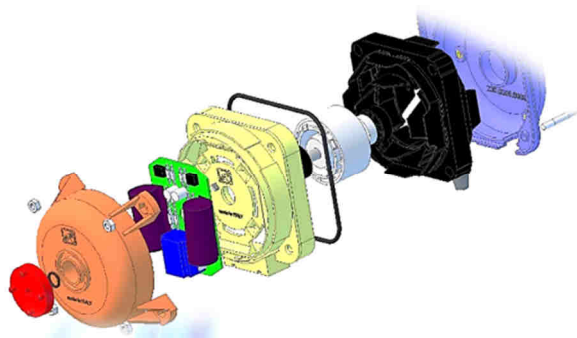
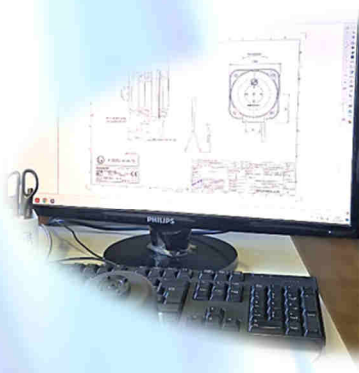
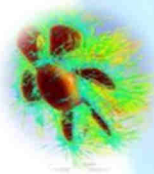
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for all your needs we support and study with you



Our R&D and Elect. Laboratory are at your disposal

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Tangential ECM fan ETD Ø60 x 180÷420 with motor 15



..EB.. = 2 speeds – 1900 / 1500 rpm

***..EC.. = variable speed 1900÷600 rpm by external
signal or 0-10Vdc electrically isolated***



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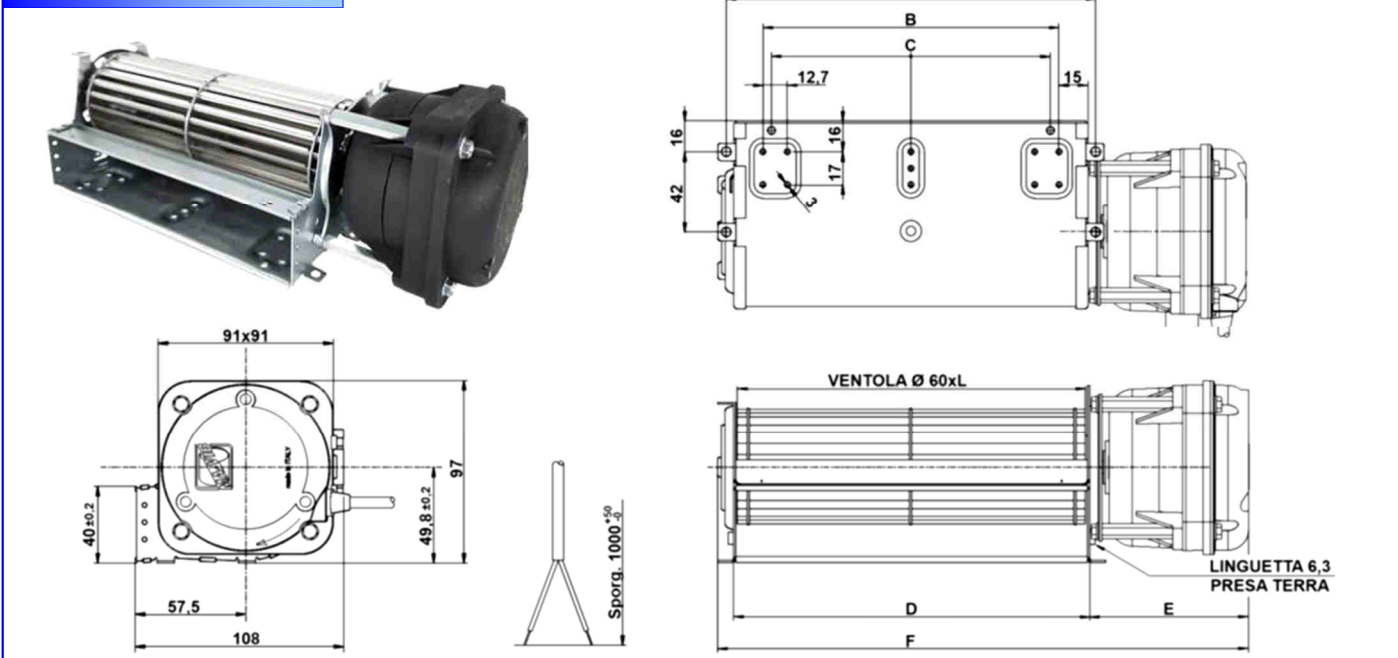
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Tangential ECM fans

Ø 60 x L180 ÷ 420mm

Serie ETD 60 ECM



Electronic Commutated Motor 15 / 21 - 230V – 50/60Hz (on demand 100V-240V - 50/60Hz universal power supply)

Operation mode	S1	IP protection	44 (on demand 55)	Standard of ref.
Mounting position	All	Marking	CE + (*)	EN 60335-1/A15 /2-24 /2-89 (*) Gas IIA
Motor bearing	Ball	Ambient temp.	-40°C ÷ +50°C	60034-1(REM) 60529(IP) 60079-15(*)
Motor protection	Electronically (1)	Max. intake air	+ 50°C	(*) Ex II 3G Ex nA IIA T6
Locked rotor protec.	Yes	Max *C. storage	-40°C ÷ +80°C	2006/42/CE(Mac.) 2014/35/UE(Low V.)
Insulation	B	Expect. life Ball Bear.	Over 60.000 h	2014/30/UE(EMC) 2015/863(RoHS3)

(1) Safety protection automatically reduces rpm if exceed W.in limit, reached min. rpm fan stop/restart 3 time and stop working after safe try time

Serie EB ; 2 speed (on demand different rpm)

CODE	Label data				Prot.	Dimensions						Impeller	
	rpm 50/60Hz	A. 50/60Hz	W.in Min.	W.in Max.		A	B	C	D	E	F	Ø	H
ETD60180EB15	2100/1500	0.14	4,5	9	Electr.	193	154	145	184	85	269	60	180
ETD60240EB15	1900/1500	0.15	5,5	10		253	214	205	244	85	329	60	240
ETD60300EB15	1900/1500	0.18	8	14		313	274	265	304	85	389	60	300
ETD60420EB15	1900/1500	0.19	15	17		433	394	385	424	85	509	60	420

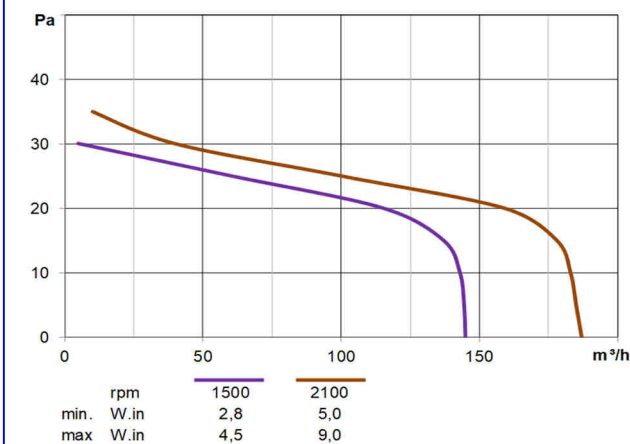
Serie EC ; Variable speed by electrically isolated signal PWM or 0-10Vdc

CODE	Label data				Prot.	Dimensions						Impeller	
	rpm 50/60Hz	A. 50/60Hz	W.in Min.	W.in Max.		A	B	C	D	E	F	Ø	H
ETD60180EC15	2100÷600	0.14	1,7	9	Electr.	193	154	145	184	85	269	60	180
ETD60240EC15	1900÷600	0.15	1,7	10		253	214	205	244	85	329	60	240
ETD60300EC15	1900÷600	0.18	1,9	14		313	274	265	304	85	389	60	300
ETD60420EC15	1900÷600	0.19	2,3	17		433	394	385	424	85	509	60	420

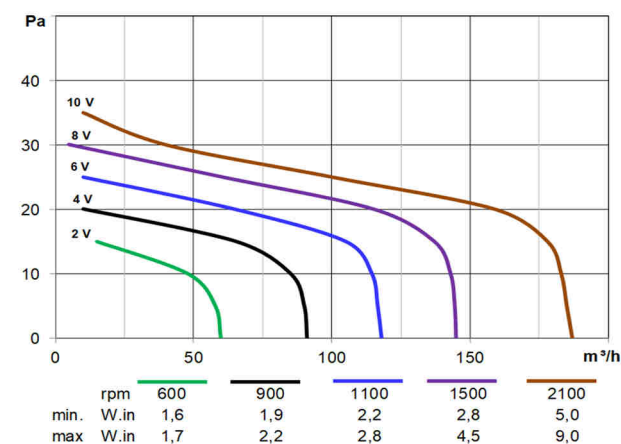
Performances curves

Tangential ECM fans Ø 60

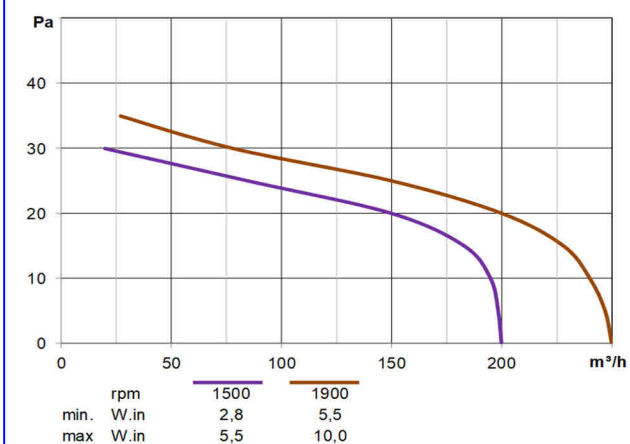
ETD60180EB15 2100/1500rpm



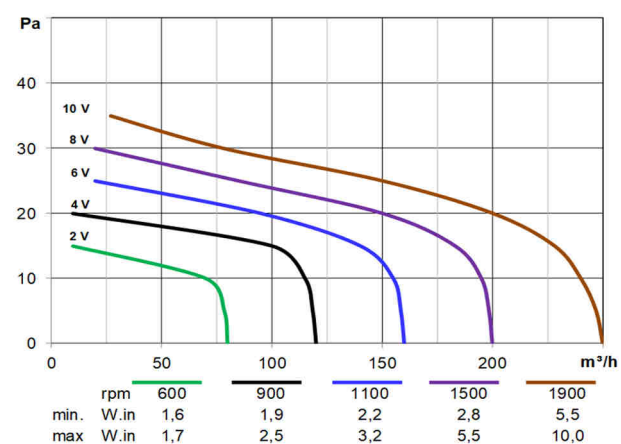
ETD60180EC15 2100÷600rpm



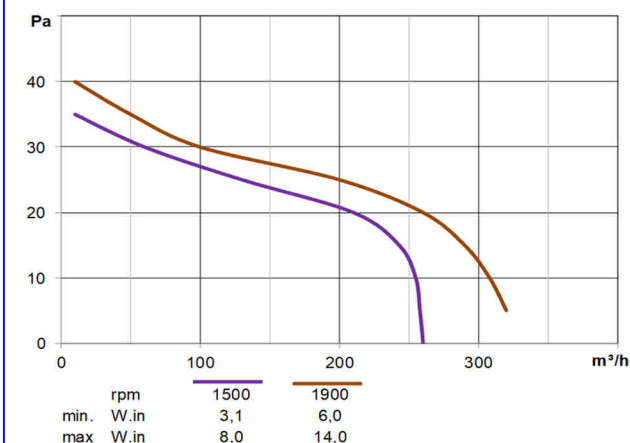
ETD60240EB15 1900/1500rpm



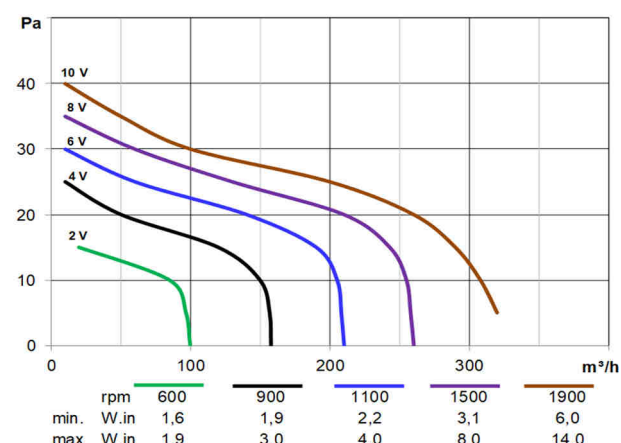
ETD60240EC15 1900÷600rpm



ETD60300EB15 1900/1500rpm



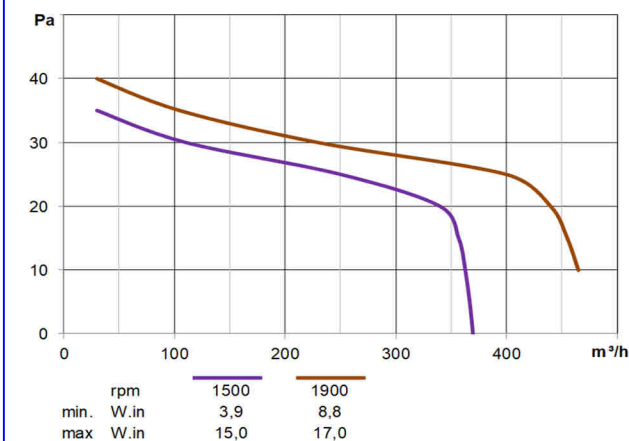
ETD60300EC15 1900÷600rpm



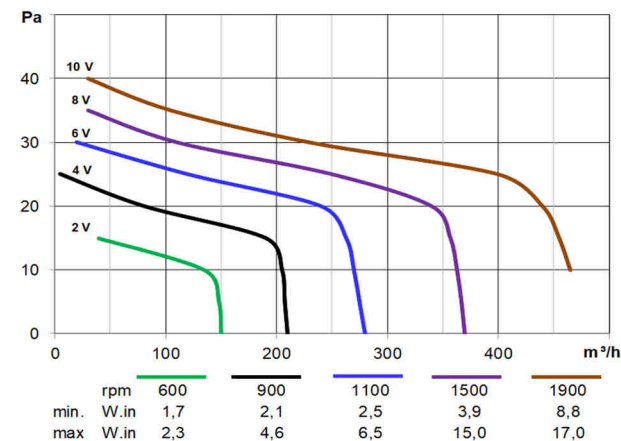
Performances curves

Tangential ECM fans Ø 60

ETD60420EB15 1900/1500rpm

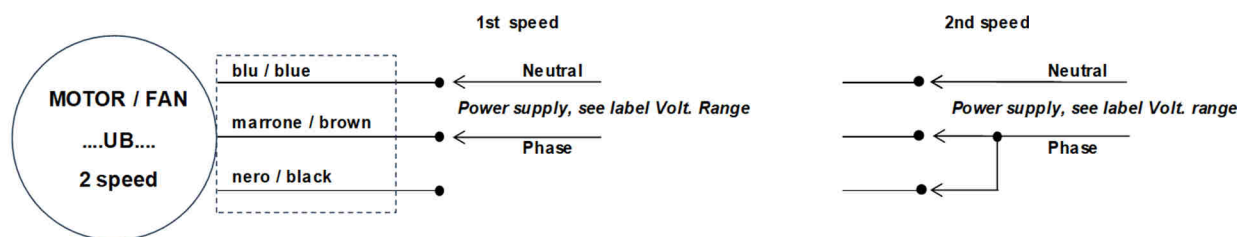


ETD60420EC15 1900÷600rpm



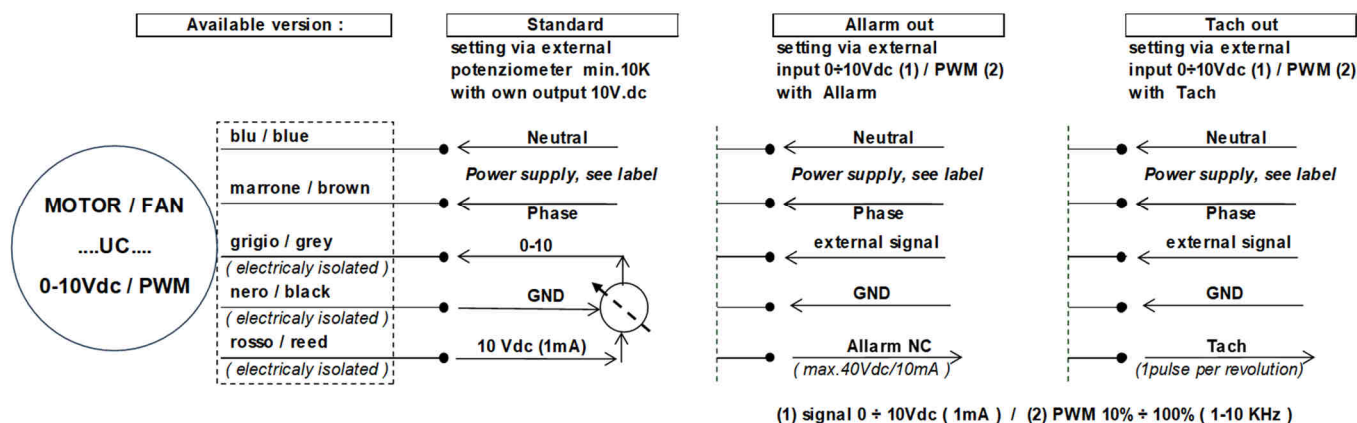
Serie EB 2 speed

connection



Serie EC variable speed

connection



Tangential ECM fan ETD Ø80 x 360÷605 with motor 15&21



..EB.. = 2 speeds – 1500 / 1100 rpm

***..EC.. = variable speed 1500÷600 rpm by external
signal or 0-10Vdc electrically isolated***



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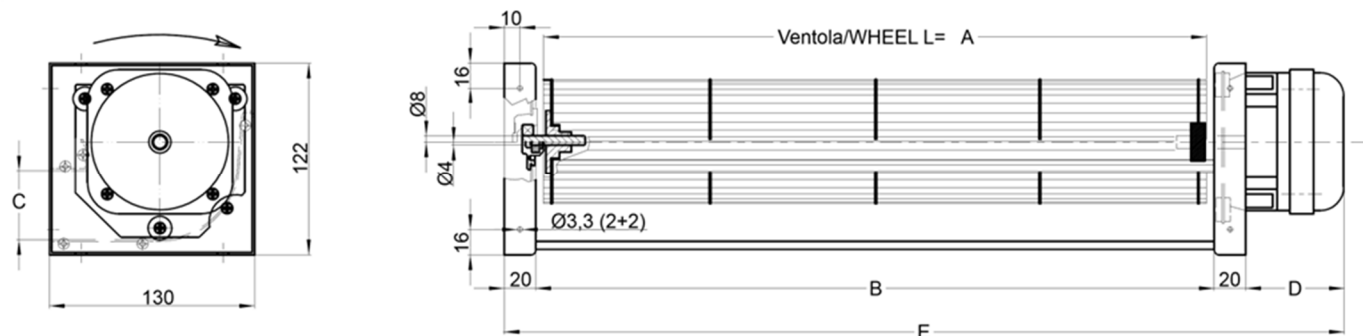
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Tangential ECM fans

Ø 80 x L 360 ÷ 605 mm

Serie ETD 80 ECM



Electronic Commutated Motor 15 / 21 - 230V – 50/60Hz (on demand 100V-240V - 50/60Hz universal power supply)

Operation mode	S1	IP protection	44 (on demand 55)	Standard of ref.
Mounting position	All	Marking	CE + (*)	EN 60335-1/A15 /2-24 /2-89 (*) Gas IIA
Motor bearing	Ball	Ambient temp.	-40°C ÷ +50°C	60034-1(REM) 60529(IP) 60079-15(*)
Motor protection	Electronically (1)	Max. intake air	+ 50°C	(*) Ex II 3G Ex nA IIA T6
Locked rotor protec.	Yes	Max *C. storage	-40°C ÷ +80°C	2006/42/CE(Mac.) 2014/35/UE(Low V.)
Insulation	B	Expect. life Ball Bear.	Over 60.000 h	2014/30/UE(EMC) 2015/863(RoHS3)

(1) Safety protection automatically reduces rpm if exceed W.in limit, reached min. rpm fan stop/restart 3 time and stop working after safe try time

Serie EB ; 2 speed (on demand different rpm)

CODE	Label data				Prot.	Dimensions						Impeller	
	rpm	A	W.in			A	B	C	D	E	F	Ø	H
	50/60Hz	50/60Hz	Min.	Max.									
ETD80360EB15	1500/1100	0.21	10	20	Electr.	360	373	46	63	476		80	360
ETD80505EB15	1500/1100	0.21	10	20		505	518	46	63	621		80	505
ETD80505EB21	1500/1100	0.33	16	34		505	518	46	83	641		80	505
ETD80605EB21	1500/1100	0.35	19	36		605	618	46	83	741		80	605

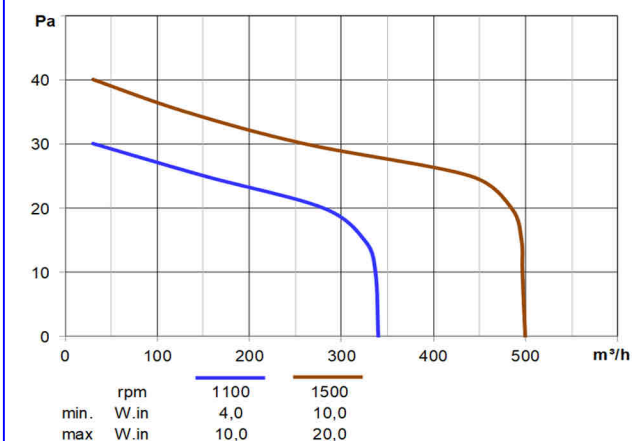
Serie EC ; Variable speed by electrically isolated signal PWM or 0-10Vdc

CODE	Label data				Prot.	Dimensions						Impeller	
	rpm	A	W.in			A	B	C	D	E	F	Ø	H
	50/60Hz	50/60Hz	Min.	Max.									
ETD80360EC15	1500 ÷ 600	0.21	2.8	20	Electr.	360	373	46	63	476		80	360
ETD80505EC15	1500 ÷ 600	0.21	2.8	20		505	518	48	63	621		80	505
ETD80505EC21	1500 ÷ 600	0.33	4.2	34		505	518	46	83	641		80	505
ETD80605EC21	1500 ÷ 600	0.35	4.4	36		605	618	46	83	741		80	605

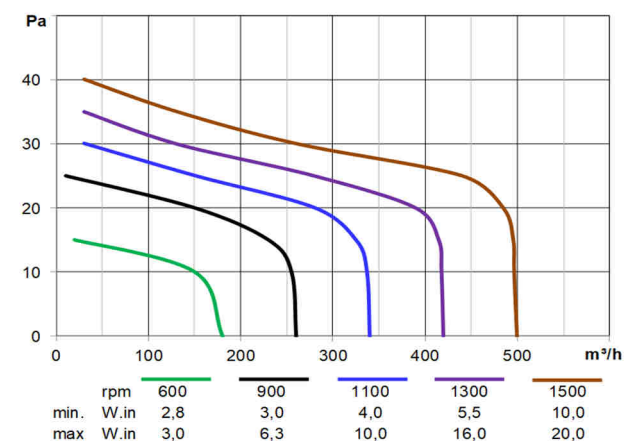
Performances curves

Tangential ECM fans Ø 80

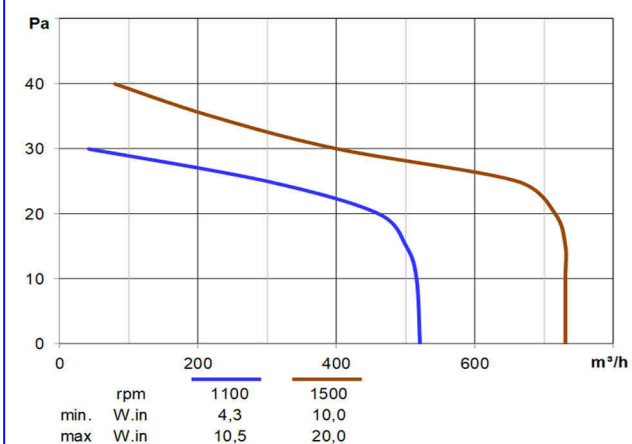
ETD80360EB15 1500/1100rpm



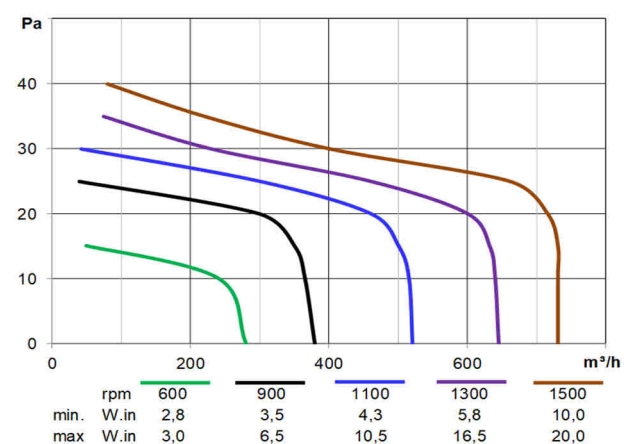
ETD80360C15 1500÷600rpm



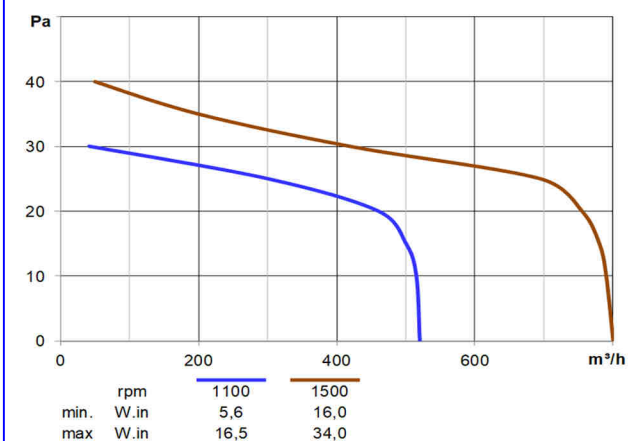
ETD80505EB15 1500/1100rpm



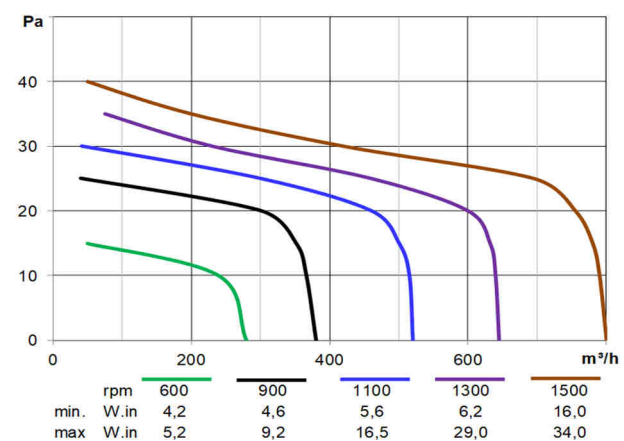
ETD80505EC15 1500÷600rpm



ETD80505EB21 1500/1100rpm



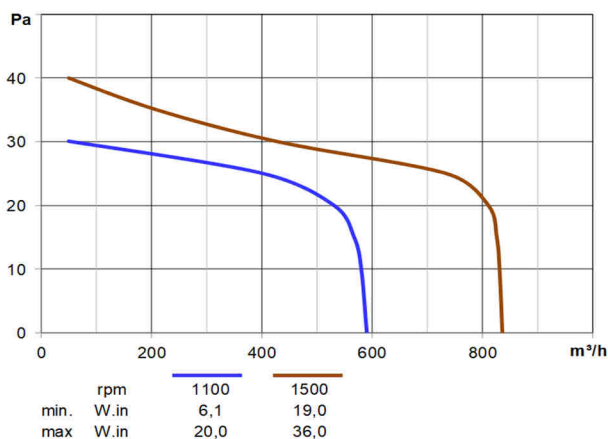
ETD80505EC21 1500÷600rpm



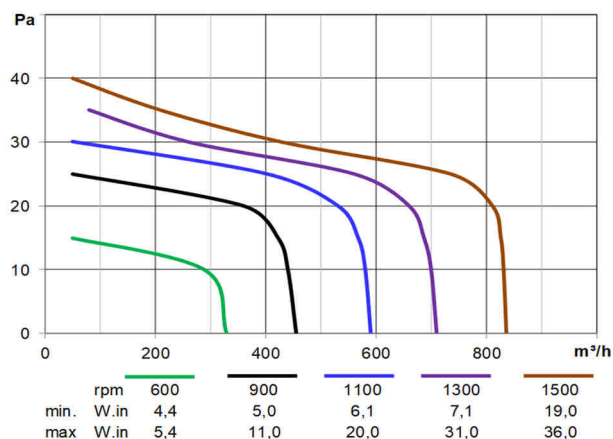
Performances curves

Tangential ECM fans Ø 80

ETD60605EB21 1500/1100rpm

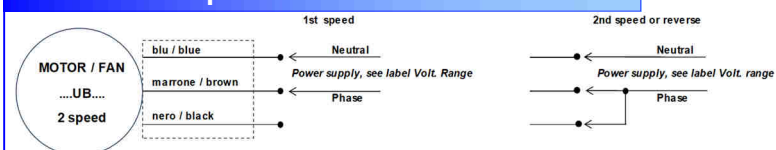


ETD60605EC21 1500÷600rpm



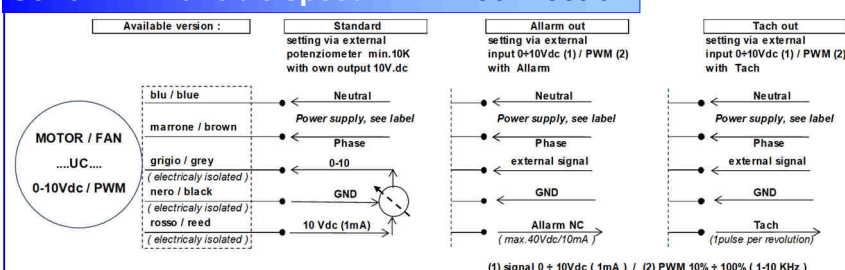
Serie EB 2 speed

connection



Serie EC variable speed

connection



Accessories on demand

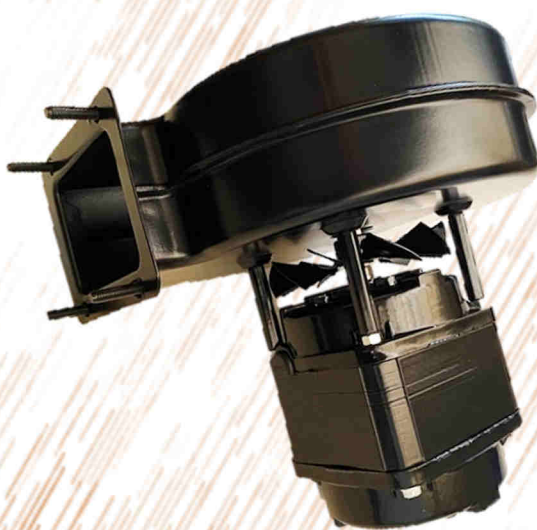
(1) OPTO-ISOLATOR for external signal 0-10 Vdc.
not isolated cod 131.0372.0000



Spare and customized single motor



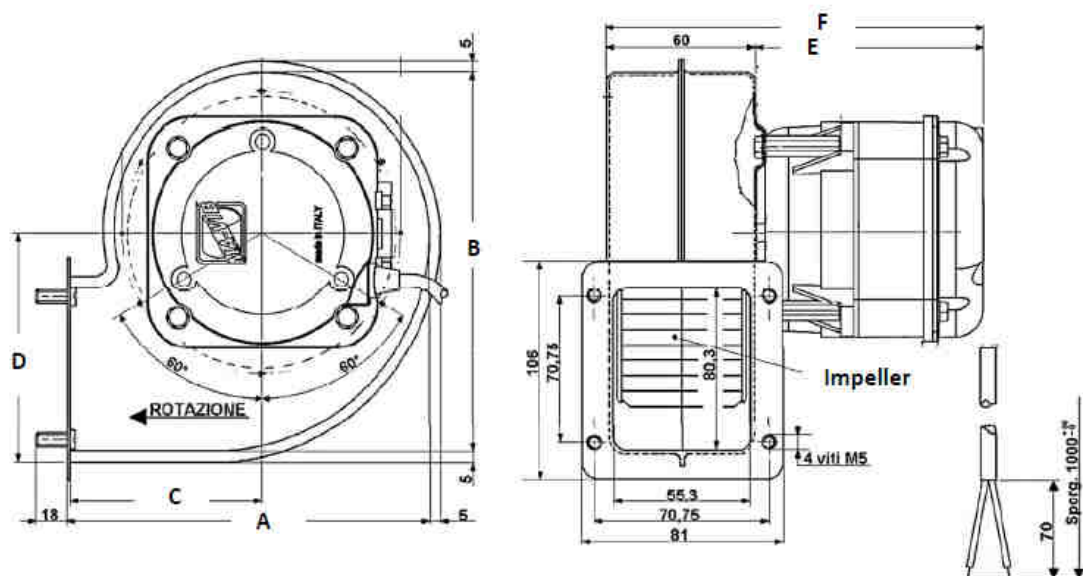
Centrifugal ECM blowers



Centrifugal ECM blowers

Ø 108mm ÷ Ø 133mm

Serie OS ECM



Electronic Commutated Motor 15 / 21 - 230 V – 50/60Hz (on demand 100V-240V - 50/60Hz universal power supply)

Operation mode	S1	IP protection	44 (on demand 55)	Standard of ref.
Mounting position	All	Marking	CE + (*)	EN 60335-1/A15 /2-24 /2-89 (*) Gas IIA
Motor bearing	Ball	Ambient temp.	-40°C ÷ +50°C	60034-1(REM) 60529(IP) 60079-15(*)
Motor protection	Electronically (1)	Max. intake air	+ 50°C	(*) Ex II 3G Ex nA IIA T6
Locked rotor protec.	Yes	Max *C. storage	-40°C ÷ +80°C	2006/42/CE(Mac.) 2014/35/UE(Low V.)
Insulation	B	Expect. life Ball Bear.	Over 60.000 h	2014/30/UE(EMC) 2015/863(RoHS3)

(1) Safety protection automatically reduces rpm if exceed W.in limit, reached min. rpm fan stop/restart 3 time and stop working after safe try time

Serie OS-EB ; 2 Speed (on demand different rpm)

CODE	Label data					Dimensions						Impeller	
	rpm	A.	W.in Free air	W.in Max. Pa	Prot.	A	B	C	D	E	F	Ø	H
OSX108B15EB0.	3100 / 2700	0,3	12	30	Electr.	143	133	77	84	78	138	108	50
OSX120B21EB0.	2900 / 2500	0,4	19	48		186	182	93	104	98	158	120	50
OSX133B21EB0.	2900 / 2500	0,4	19	48		186	182	93	104	98	158	133	50

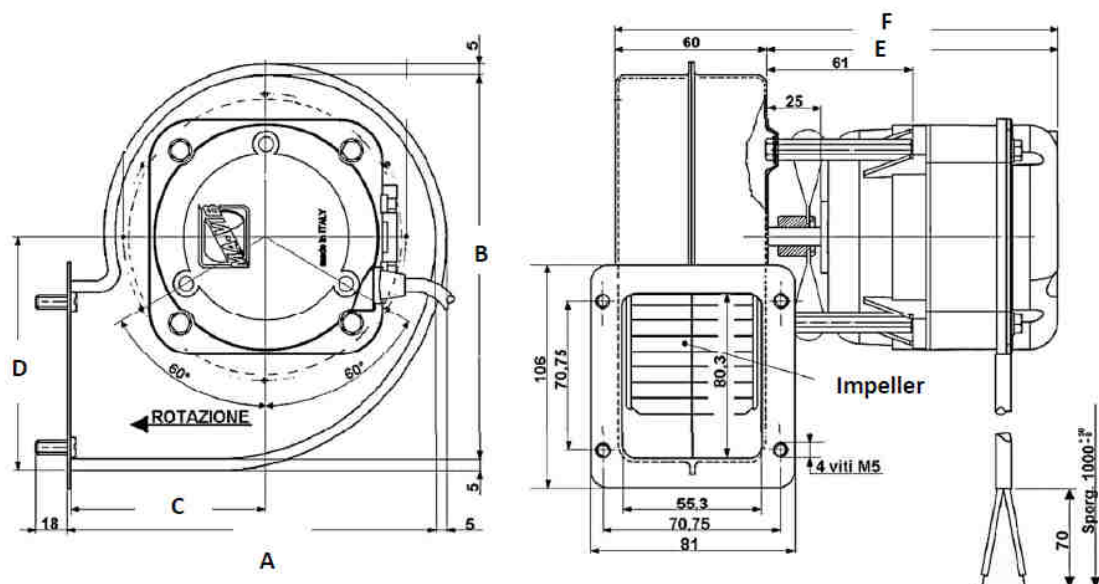
Serie OS-EC ; Variable speed by electrically isolated signal PWM or 0÷10Vdc

CODE	Label data				Dimensions						Impeller		
	rpm	A.	W.in Free air	W.in Max. Pa	Prot.	A	B	C	D	E	F	Ø	H
OSX108B15EC0.	3100 ÷ 1900	0,3	7	30	Electr.	143	133	77	84	78	138	108	50
OSX120B21EC0.	2900 ÷ 1900	0,4	11	48		186	182	93	104	98	158	120	50
OSX133B21EC0.	2900 ÷ 1900	0,4	11	48		186	182	93	104	98	158	133	50

High temperature ECM exhaust blowers

Ø 108mm ÷ Ø 133mm

Serie OS ECM



Electronic Commutated Motor 15 / 21 - 230 V – 50/60Hz (on demand 100V-240V - 50/60Hz universal power supply)

Operation mode	S1	IP protection	44 (on demand 55)	Standard of ref.
Mounting position	All	Marking	CE + (*)	EN 60335-1/A15 /2-24 /2-89 (*) Gas IIA
Motor bearing	Ball	Ambient temp.	-40°C ÷ +50°C	60034-1(REM) 60529(IP) 60079-15(*)
Motor protection	Electronically (1)	Max. intake air	+ 190°C	(*) Ex II 3G Ex nA IIA T6
Locked rotor protec.	Yes	Max *C. storage	-40°C ÷ +80°C	2006/42/CE(Mac.) 2014/35/UE(Low V.)
Insulation	B	Expect. life Ball Bear.	Over 60.000 h	2014/30/UE(EMC) 2015/863(RoHS3)

(1) Safety protection automatically reduces rpm if exceed W.in limit, reached min. rpm fan stop/restart 3 time and stop working after safe try time

Serie OS-EB ; 2 Speed (on demand different rpm)

CODE	Label data					Dimensions						Impeller	
	rpm	A.	W.in Free air	W.in Max. Pa	Prot.	A	B	C	D	E	F	Ø	H
OSX108B15EB5.	3100 / 2700	0,3	12	30	Electr.	143	133	77	84	98	158	108	50
OSX120B21EB5.	2900 / 2500	0,4	19	48		186	182	93	104	118	178	120	50
OSX133B21EB5.	2900 / 2500	0,4	19	48		186	182	93	104	118	178	133	50

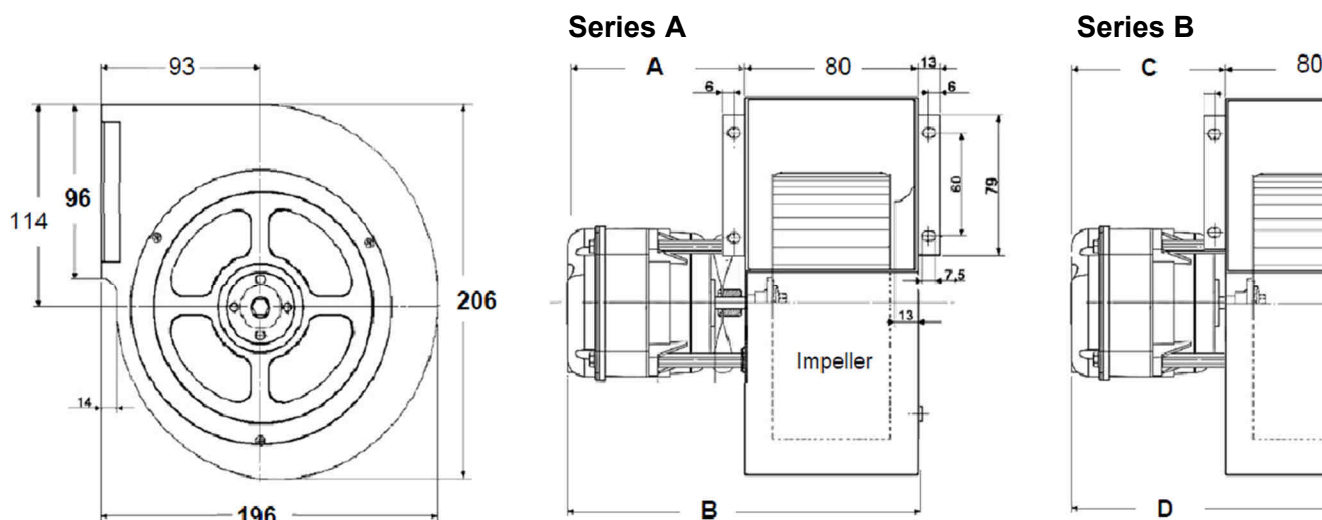
Serie OS-EC ; Variable speed by electrically isolated signal PWM or 0÷10Vdc

CODE	Label data					Dimensions						Impeller	
	rpm	A.	W.in Free air	W.in Max. Pa	Prot.	A	B	C	D	E	F	Ø	H
OSX108B15EC5.	3100 ÷ 1900	0,3	7	30	Electr.	143	133	77	84	98	158	108	50
OSX120B21EC5.	2900 ÷ 1900	0,4	11	48		186	182	93	104	118	178	120	50
OSX133B21EC5.	2900 ÷ 1900	0,4	11	48		186	182	93	104	118	178	133	50

High temperature ECM exhaust blowers

Ø 145 mm

Serie OS ECM



Electronic Commutated Motor 230 V – 50/60Hz (on demand 100V-240V - 50/60Hz universal power supply)				
Operation mode	S1	IP protection	44 (on demand 55)	Standard of ref.
Mounting position	All	Marking	CE + (*)	EN 60335-1/A15 /2-24 /2-89 (*) Gas IIA
Motor bearing	Ball	Ambient temp.	-40°C ÷ +50°C	60034-1(REM) 60529(IP) 60079-15(*)
Motor protection	Electronically (1)	Max. intake air	+ 50°C(B)/+ 190°C(A)	(*)  II 3G Ex nA IIA T6
Locked rotor protec.	Yes	Max *C. storage	-40°C ÷ +80°C	2006/42/CE(Mac.) 2014/35/UE(Low V.)
Insulation	B	Expect. life Ball Bear.	Over 60.000 h	2014/30/UE(EMC) 2015/863(RoHS3)

(1) Safety protection automatically reduces rpm if exceed W.in limit, reached min. rpm fan stop/restart 3 time and stop working after safe try time

Serie OS-EB ; 2 Speed (on demand different rpm)

CODE	Label data				Prot.	Dimensions					Max intake air °C	Impeller	
	rpm	A.	W.in Free air	W.in Max. Pa		A	B	C	D	E		Ø	H
OSX145B21EB5.	2700 / 2300	0,5	18	51	Electr.	118	198				+190	145	50
OSX145B21EB0.	2700 / 2300	0,5	18	51				98	178		+50	145	50

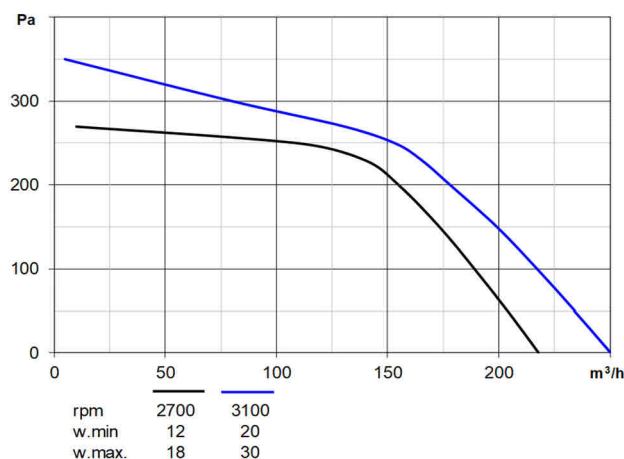
Serie OS-EC ; Variable speed by electrically isolated signal PWM or 0÷10Vdc

CODE	Label data				Prot.	Dimensions					Max intake air °C	Impeller	
	rpm	A.	W.in Free air	W.in Max. Pa		A	B	C	D	E		Ø	H
OSX145B21EC5.	2700 ÷ 1700	0,5	18	51	Electr.	118	198				+190	145	50
OSX145B21EC0.	2700 ÷ 1700	0,5	18	51				98	178		+50	145	50

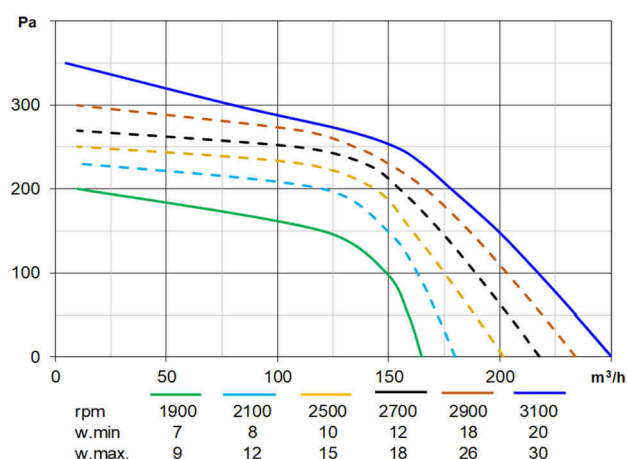
Performances curves

Centrifugal OS ECM $\varnothing 108 \div 133\text{mm}$ blowers

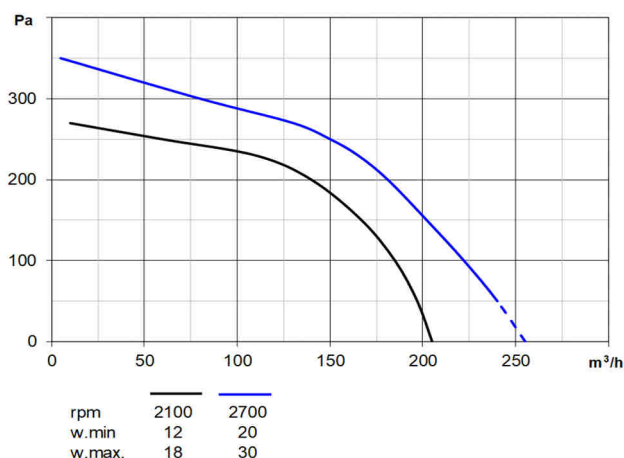
OSX(D)108B.15EB.. 3100/2700rpm



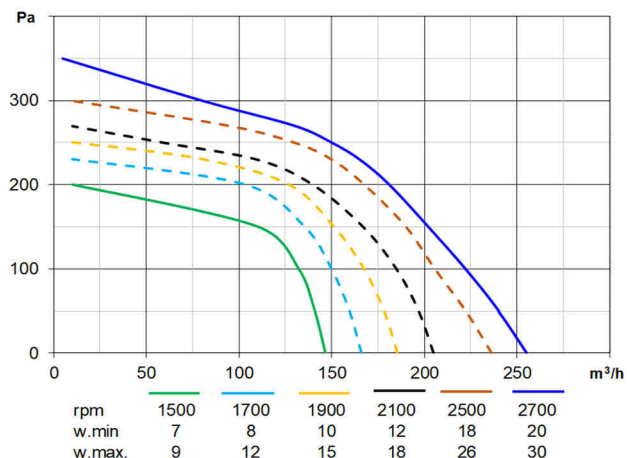
OSX(D)108B.15EC.. 3100÷1900rpm



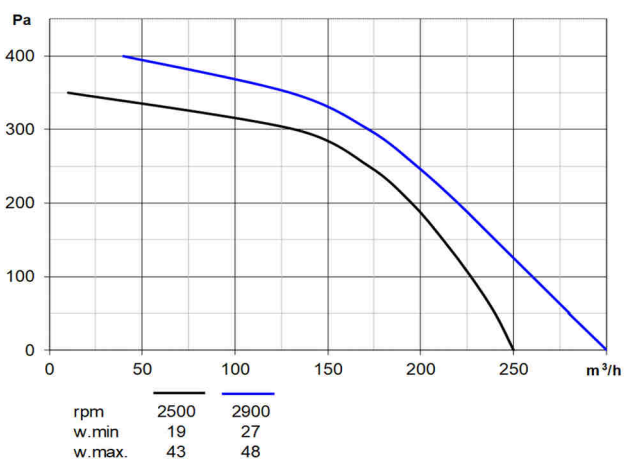
OSX(D)120B.15EB.. 2700/2100rpm



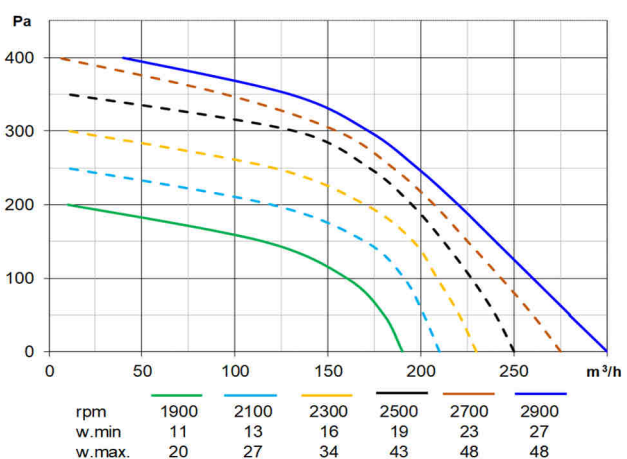
OSX(D)120B.15EC.. 2700÷1500rpm



OSX(D)133B.21EB.. 2900/2500rpm



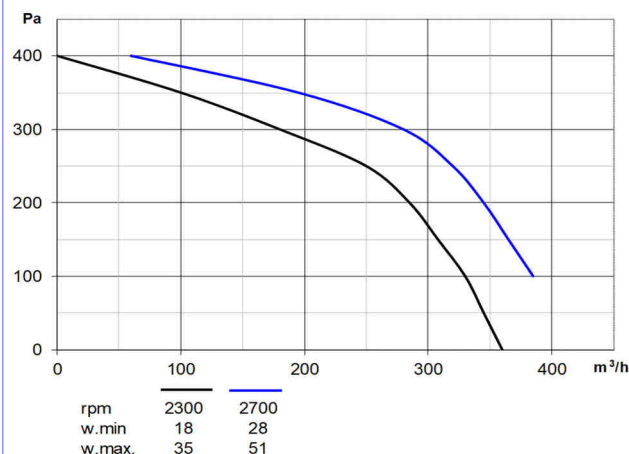
OSX(D)133B.21EC.. 2900÷1900rpm



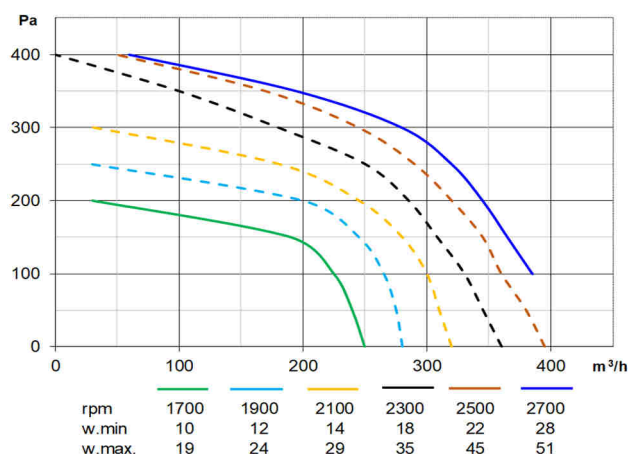
Performances curves

Centrifugal OSX & OS ECM Ø145mm blowers

OSX(D)145B.21EB.. 2700/2300rpm

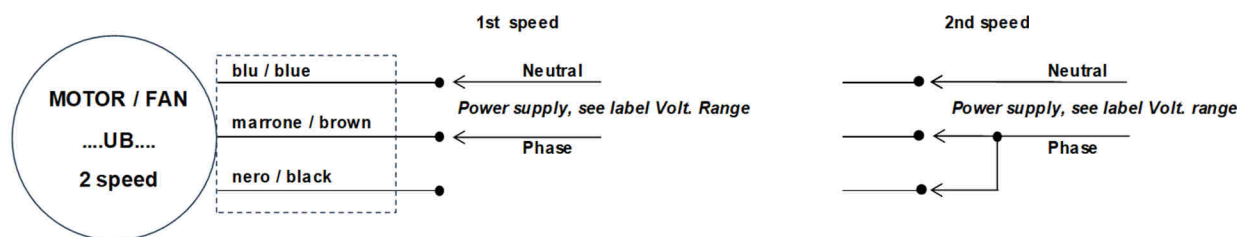


OSX(D)145B.21EC.. 2700÷1700rpm



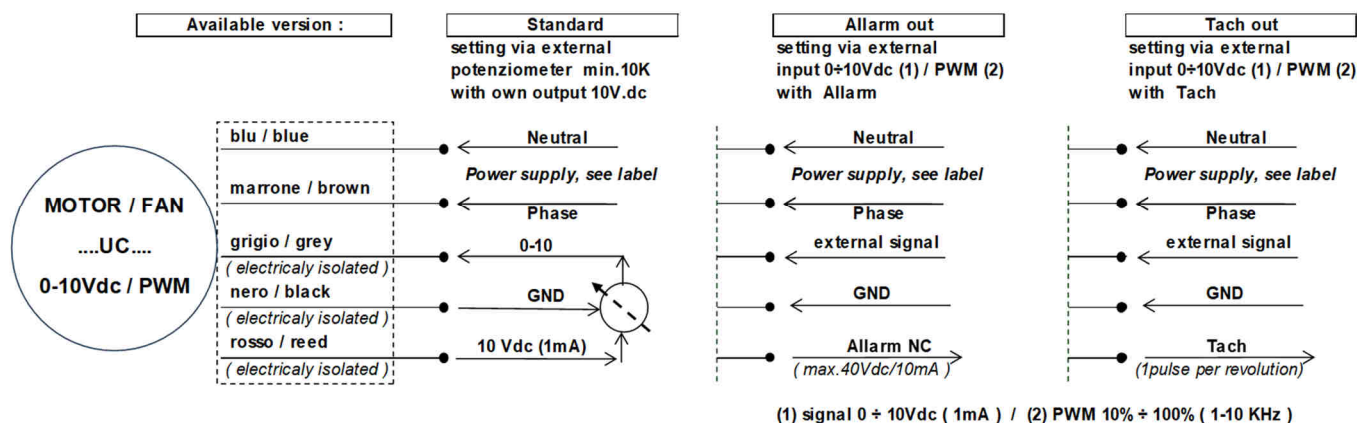
Serie EB 2 speed

connection



Serie EC variable speed

connection



ECM Centrifugal Fan Blowers **FAD145x196-220-240 with motor 15-21W**



..EB.. = 2 speeds – 1200 / 1000 rpm

..EC.. = variable speed 1500÷400 rpm by external signal
PWM or 0-10Vdc electrically isolated



MA-VIB SpA

Via Castel Rozzone, 15 - 24050 Lurano (BG) – ITALY

Tel. +39.029547403 – Fax +39.029549825

Internet Web Site: www.mavib.com

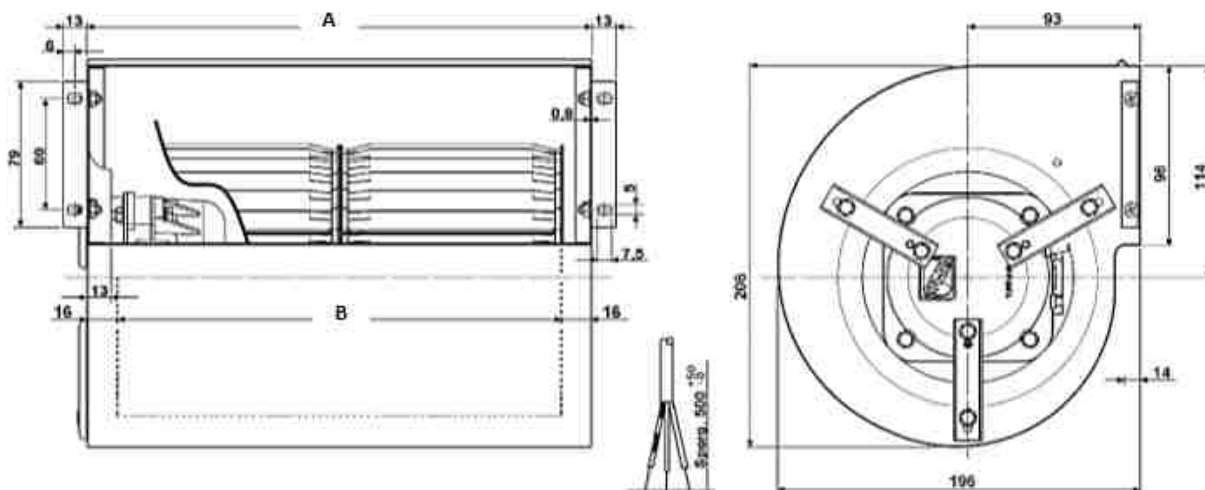
Sales Office: Italy = ita@mavib.com Export = expo@mavib.com



Single ECM fan-deck blowers

Ø 145 mm

Serie FAN-COIL ECM



Electronic Commutated Motor 15 / 21 - 230 V – 50/60Hz (on demand 100V-240V - 50/60Hz universal power supply)

Operation mode	S1	IP protection	44 (on demand 55)	Standard of ref.
Mounting position	All	Marking	CE + (*)	EN 60335-1/A15 /2-24 /2-89 (*) Gas IIA
Motor bearing	Ball	Ambient temp.	-40°C ÷ +50°C	60034-1(REM) 60529(IP) 60079-15(*)
Motor protection	Electronically (1)	Max. intake air	+ 50°C	(*) II 3G Ex nA IIA T6
Locked rotor protec.	Yes	Max *C. storage	-40°C ÷ +80°C	2006/42/CE(Mac.) 2014/35/UE(Low V.)
Insulation	B	Expect. life Ball Bear.	Over 60.000 h	2014/30/UE(EMC) 2015/863(RoHS3)

(1) Safety protection automatically reduces rpm if exceed W.in limit, reached min. rpm fan stop/restart 3 time and stop working after safe try time

Serie EB ; 2 Speed (on demand different rpm)

CODE	Note Speed	Label data					Dimensions					Impeller	
		rpm	A.	W.in Free air	W.in Max . Pa	Prot.	A	B	C	D	E	Ø	H
FAS145M21EB...	(1)	2000 / 1600	0,5	26	55	Electr.	208	176				145	176
FAS145N21EB...	(1)	1800 / 1400	0,5	18	60		228	196				145	196
FAS145Q21EB...	(1)	1600 / 1200	0,5	10	65		272	240				145	240
FAS145N15EB...	(2)	1200 / 1000	0,3	8	37		228	196				145	196
FAS145P15EB...	(2)	1200 / 1000	0,3	6	37		252	220				145	220
FAS145Q15EB...	(2)	1200 / 1000	0,4	6	38		272	240				145	240

Serie EC ; Variable speed by electrically isolated signal PWM or 0÷10Vdc

CODE	Note Speed	Label data					Dimensions					Impeller	
		rpm	A.	W.in Free air	W.in Max . Pa	Prot.	A	B	C	D	E	Ø	H
FAS145M21EC...	(1)	2000 ÷ 800	0,5	26	55	Electr.	208	176				145	176
FAS145N21EC...	(1)	1800 ÷ 600	0,5	18	60		228	196				145	196
FAS145Q21EC...	(1)	1600 ÷ 400	0,5	10	65		272	240				145	240
FAS145N15EC...	(2)	1200 ÷ 400	0,3	8	37		228	196				145	196
FAS145P15EC...	(2)	1200 ÷ 400	0,3	6	37		252	220				145	220
FAS145Q15EC...	(2)	1200 ÷ 400	0,4	6	38		272	240				145	240

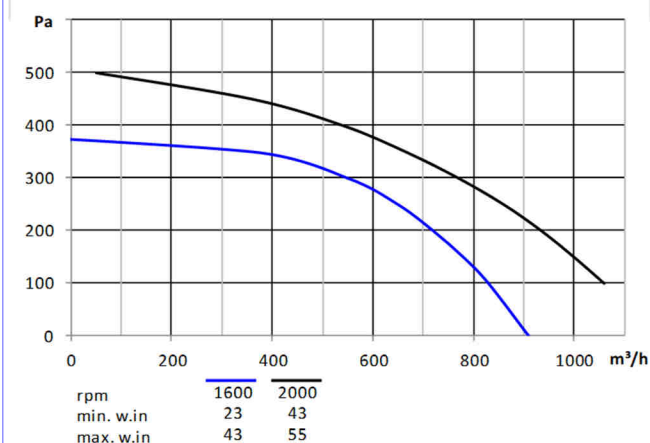
(1) Speed increasing from label rpm in function of Pa increasing until (2)

(2) Safety protection automatically reduces rpm if exceed W.in limit, reached min. rpm fan stop/restart 3 time and stop working after safe try time

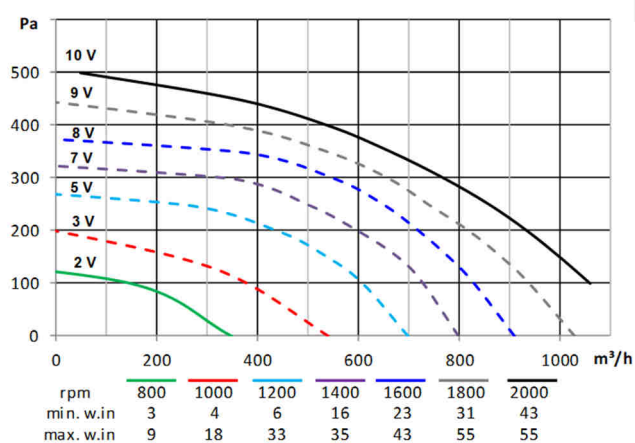
Performances curves

Single ECM fan-deck Ø 145mm blowers

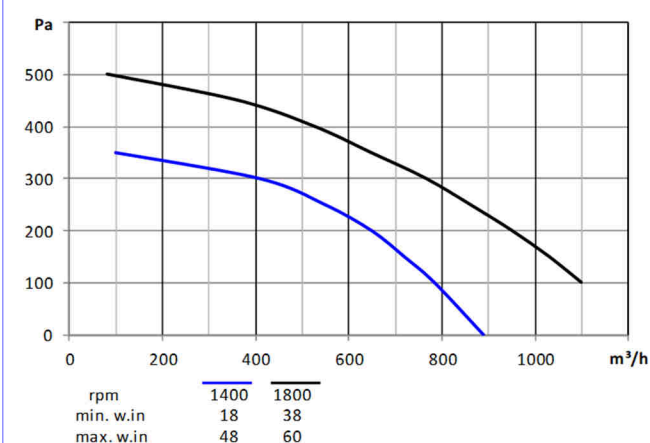
FAS145M.21EB.. 2000 / 1600rpm



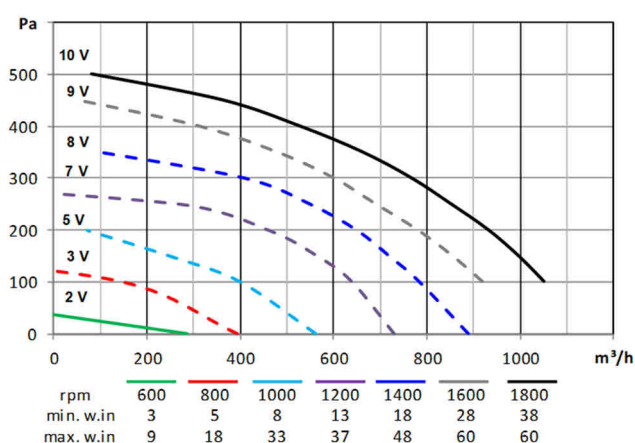
FAS145M.21EC.. 2000 ÷ 800rpm



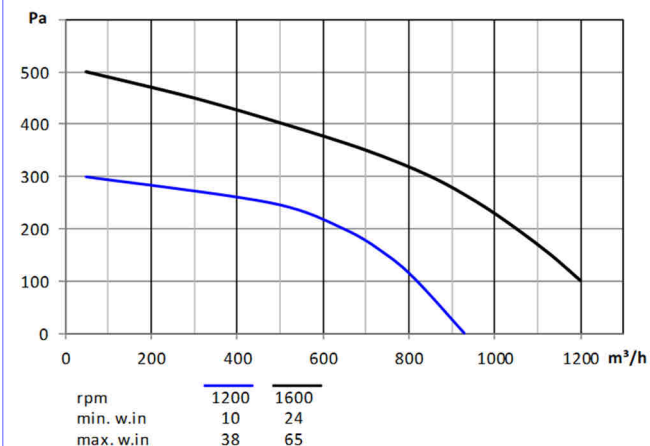
FAS145N.21EB.. 1800 / 1400rpm



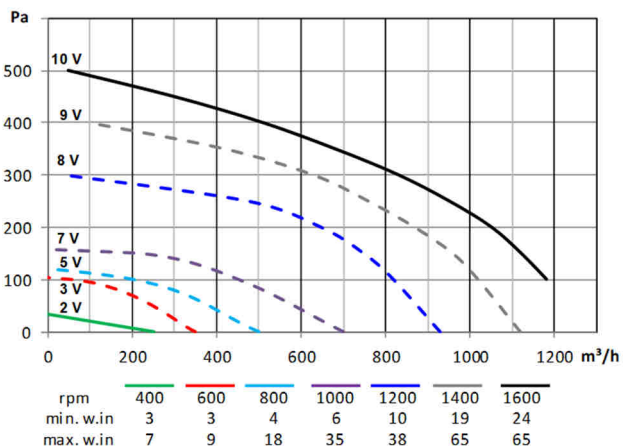
FAS145N.21EC.. 1800 ÷ 600rpm



FAS145Q.21EB.. 1600 / 1200rpm



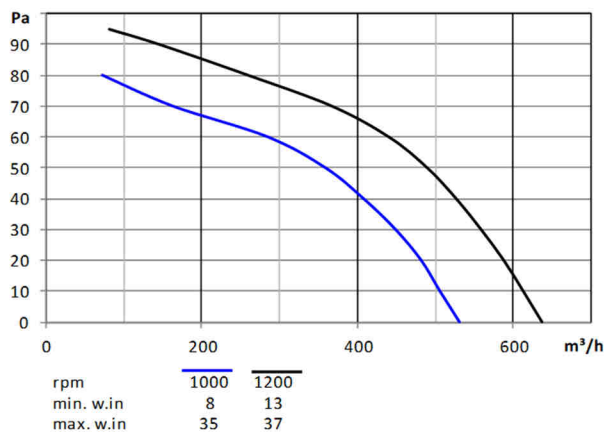
FAS145Q.21EC.. 1600 ÷ 400rpm



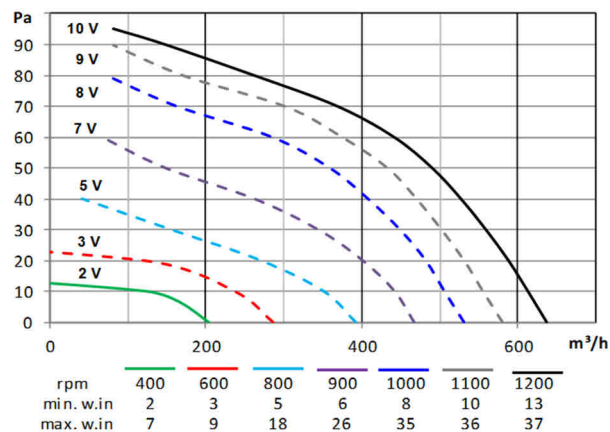
Performances curves

Single ECM fan-deck Ø 145mm blowers

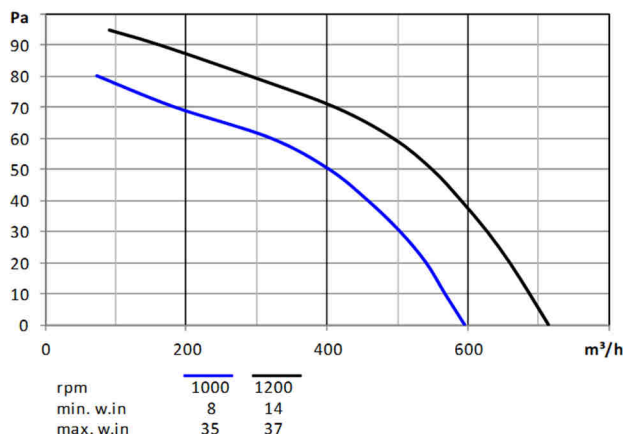
FAS145N.15EB.. 1200 / 1000rpm



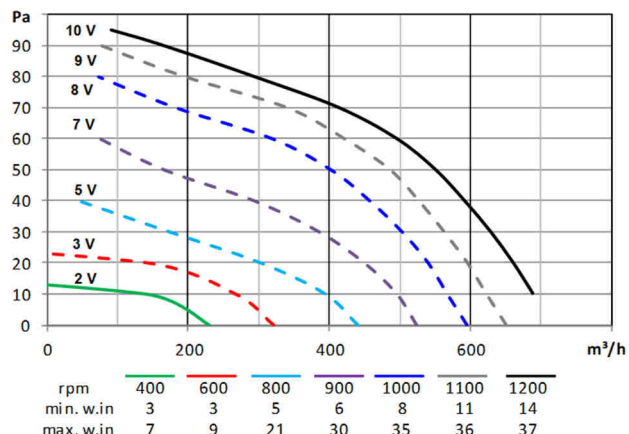
FAS145N.15EC.. 1200 ÷ 400rpm



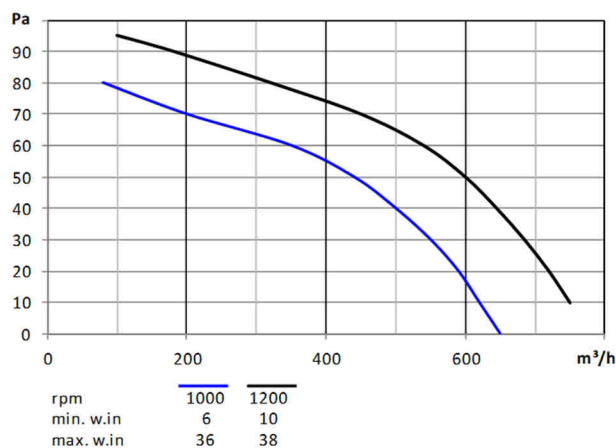
FAS145P.15EB.. 1200 / 1000rpm



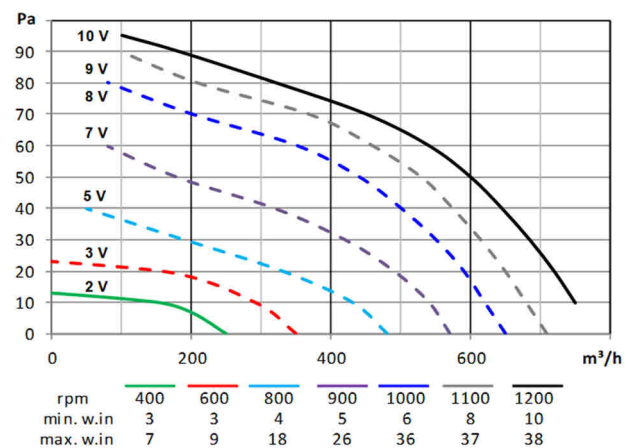
FAS145P.15EC.. 1200 ÷ 400rpm



FAS145Q.15EB.. 1200 / 1000rpm



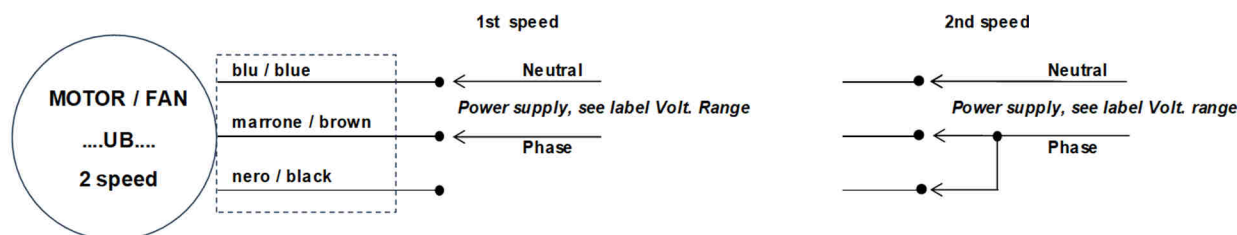
FAS145Q.15EC.. 1200 ÷ 400rpm



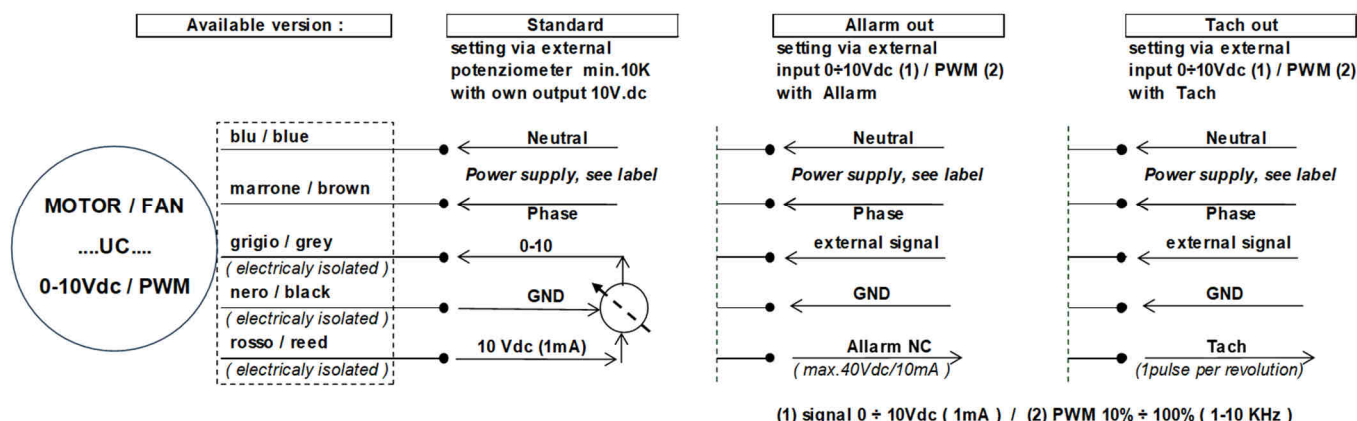
Electric connetion & accessories

Centrifugal fan-deck ECM Ø 145mm blowers

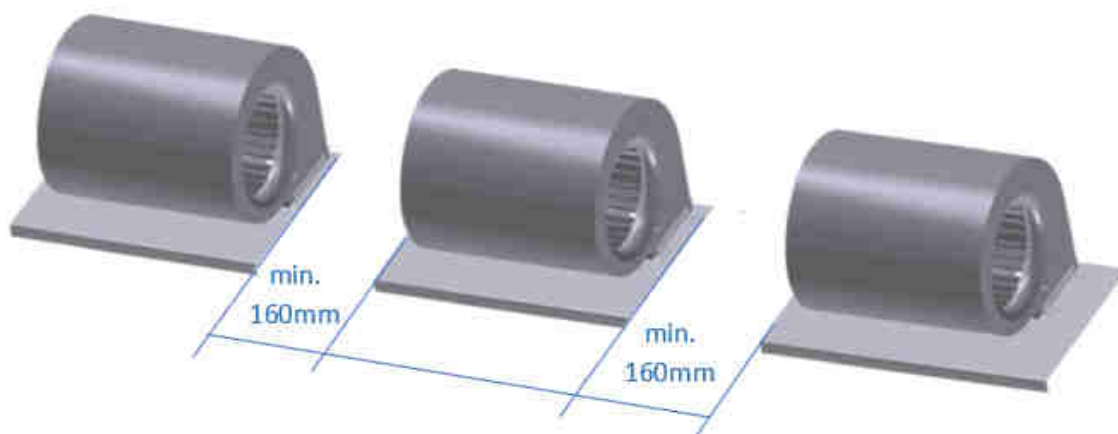
Serie EB.. 2 speed



Serie EC.. Variable speed



Multi assembling



Our Centrifugal blowers view

TRA-ECM – Tangential fans



Impeller Ø 60 & 80mm from L. 180 mm to 300 mm



TRA – Tangential fans



Impeller Ø 60 mm from L. 120 mm to 400 mm

OS-ECM – Centrifugal fans



Impeller Ø 133 or Ø 145 mm x L. 50 mm



OS - Centrifugal fans



Impeller Ø 96 ÷ Ø145 mm from L. 25 mm to 74 mm

FAN-COIL-ECM - Centrifugal Blowers



1 impellers Ø 145 mm from L. 176 to Ø 240 mm



FAN-COIL – 145DN Centrifugal Blowers



1 impeller Ø 145 mm from L. 176 to Ø 300 mm

FAN-COIL – 133-200 DN Fan Deck



1 or 2 impellers Ø 133-200 mm, L. 176 ÷ 240 mm

OO / OM / OMF – Centrifugal Blowers



Belt or direct driven from size 7/7 up to 18/18

Tangential fans

Ø 60 x L120 ÷ 420mm



Ventilatori Tangenziali

MOTORE :
2 poli a poli schermati

CARCASSA :
Coperchi in plastica;
Coclea in lamiera zincata

VENTOLA :
in alluminio

CONNESSIONE
n° 2 Faston 6,3 x 0,8 mm

VOLTAGGI :
230V - 50/60Hz.
su richiesta :
115V- 50/60Hz.

PROTEZIONE : IP40

ISOLAMENTO : " F "

TEMPERATURA DI UTILIZZO :
da -20° C a + 40° C

FUNZIONALITA' : (S1)
Continua in tutte le posizioni

MARCATURA : CE
In accordo a EN 60335.1
Bassa Tensione 2014/35/UE
Direttiva Macchine 2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Tangential Fans

MOTOR :
2 pole shaded pole

HOUSING :
Thermoplastic resin body;
galvanized steel housings

IMPELLER :
aluminium

MAINS CONNECTION
n° 2 terminals 6,3 x 0,8 mm

VOLTAGE RANGE :
230V - 50/60Hz.
on request
115V- 50/60Hz.

PROTECTION : IP40

INSULATION : " F "

OPERATING TEMPERATURE :
From -20° C to + 40° C

OPERATION : (S1)
Continuous in all positions

MARKED : CE
according to EN 60335.1
2014/35/UE Low Voltage
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Ventilateurs tangentiels

MOTEUR :
2 pôles " shaded pole "

CARCASSE :
Couvercles en thermoplastique;
volutes en acier galvanisé.

TURBINE :
aluminium

CONNECTION :
n° 2 coses 6,3 x 0,8 mm

VOLTAGE :
230V - 50/60Hz.
sur demande
115V- 50/60Hz.

PROTECTION : IP40

ISOLATION : " F "

TEMPERATURE D'EXERCICE
de -20° C à + 40° C

TRAVAIL : (S1)
Continu en toute position

MARQUAGE : CE
en accord avec EN 60335.1
2014/35/UE Basse Tension
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Querstromgebläse

MOTOR :
2 polige Spaltpolmotoren

VENTILATORGEHAUSE :
Harzthermokunststoff;
Gehäuse aus sendzimiervverzinktem
Stahlblech

RADIALLÜFTERRÄD :
Aluminium

NETZANSCHLUß :
Flachstecker 6,3 x 0,8 mm

SPANNUNG :
230V - 50/60Hz.
auf Anfrage
115V- 50/60Hz.

SCHUTZART: IP40

ISOLATIONSKLASSE: " F "

TEMPERATUR BEREICH :
Von - 20°C bis + 40°C

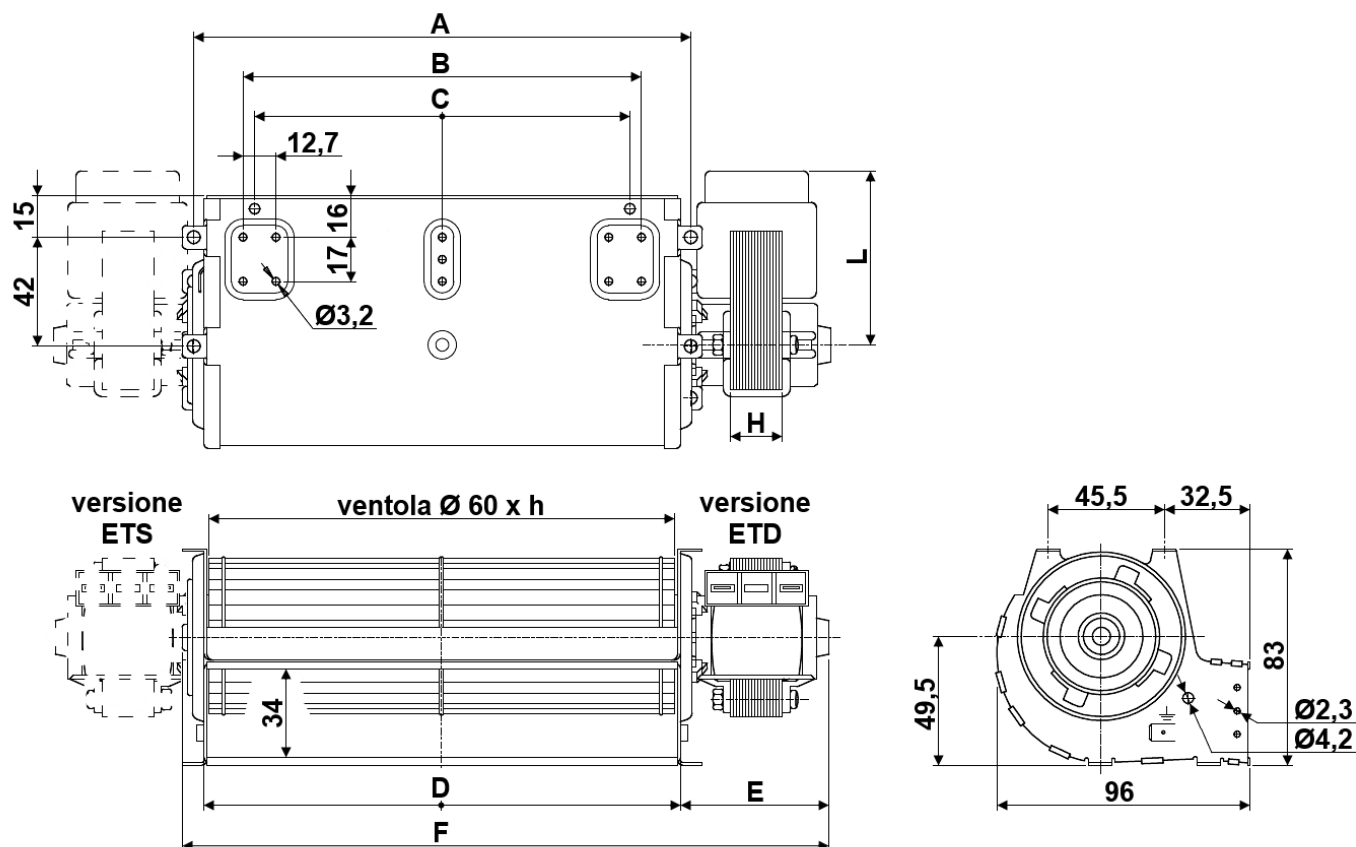
BETRIEBSART : (S1)
Fortdauernd in den allen Lagen

ZULASSUNGEN : CE
Abkommen mit EN 60335.1
2014/35UE
2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Single tangential fans

Ø 60 x L120 ÷ 420mm

Serie ETD - ETS



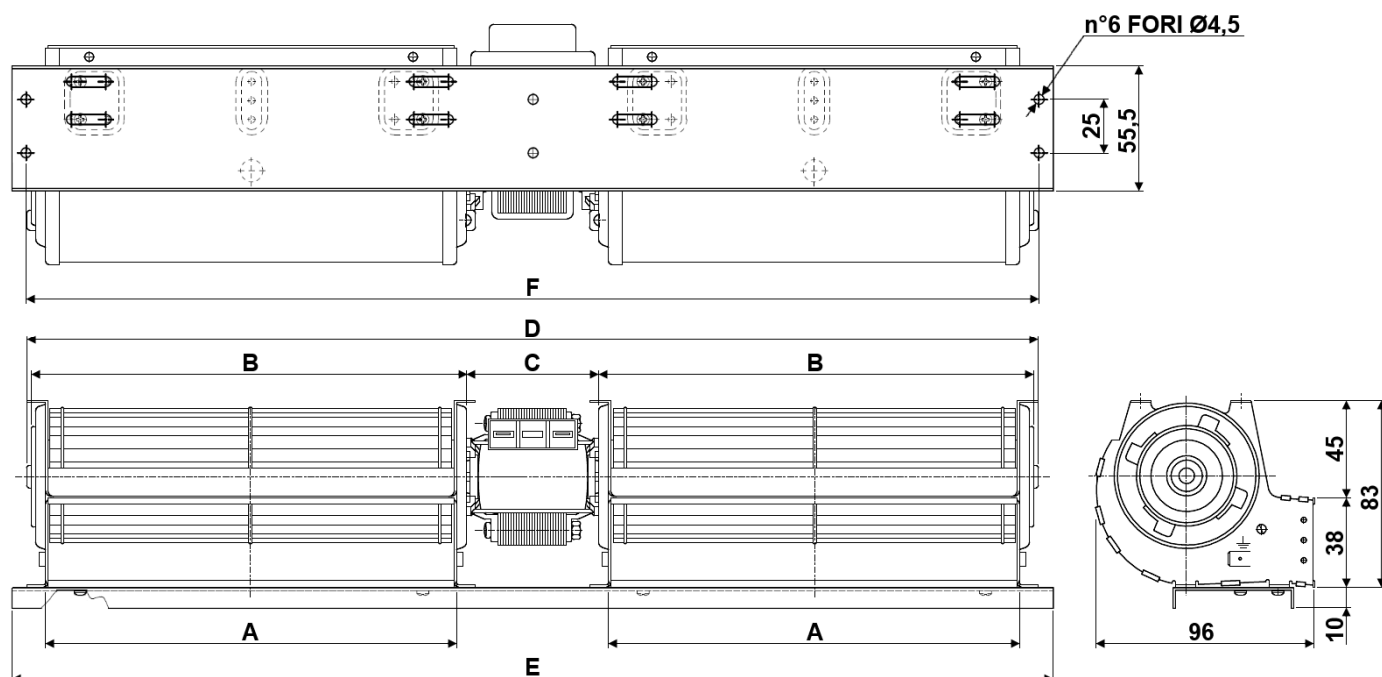
Serie ETD / ETS ... : 230V - 50/60Hz - marcati  cl. F, in accordo a EN.60335.1

CODE	Electric data			Dimensions							Impeller	Airflow	Pressure
	A.	W _{in}	RPM	A	B	C	D	E	F	H	Ø x h	max, m ³ /h	max, Pa
ETD(S)60120F15	0,18	22	1650	133	94	85	124	61	185	15	60 x 120	77	45
ETD(S)60120F20	0,19	24	2250	133	94	85	124	66	190	20	60 x 120	90	50
ETD(S)60180F20	0,20	25	1650	193	154	145	184	66	250	20	60 x 180	140	60
ETD(S)60180F30	0,29	41	2100	193	154	145	184	76	260	30	60 x 180	177	65
ETD(S)60240F30	0,30	42	1850	253	214	205	244	76	320	30	60 x 240	185	58
ETD(S)60240F40	0,33	43	2200	253	214	205	244	86	330	40	60 x 240	220	65
ETD(S)60300F30	0,34	44	1500	313	274	265	304	76	380	30	60 x 300	220	60
ETD(S)60300F40	0,34	45	1650	313	274	265	304	86	390	40	60 x 300	248	60
ETD(S)60420F40	0,35	46	1130	433	394	385	424	86	510	40	60 x 420	277	60

Double tangential fans

Ø 60 x L120 ÷ 420mm

Serie ETC



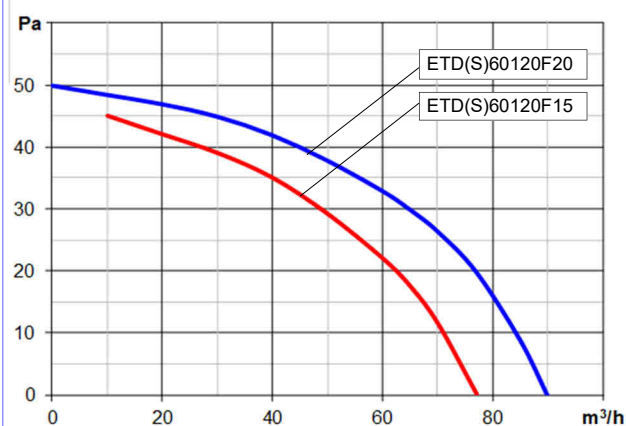
Serie ETC ... : 230V - 50/60Hz - marcati  cl. F, in accordo a EN.60335.1

CODE	Electric data			Dimensions						Impeller	Airflow	Pressure
	A.	W _{in}	RPM	A	B	C	D	E	F	ø x h	max, m³/h	max, Pa
ETC60120F20	0,19	26	1400	124	133	50	324	347	337	60 x 120	145	48
ETC60120F30	0,32	42	2300	124	133	60	334	347	337	60 x 120	250	49
ETC60180F30	0,33	43	1340	184	193	60	454	468	455	60 x 180	260	58
ETC60180F40	0,34	44	1560	184	193	70	464			60 x 180	280	55
ETC60240F30	0,33	43	1160	244	253	60	574	585	575	60 x 240	305	54
ETC60240F40	0,35	45	1240	244	253	70	584			60 x 240	325	58
ETC60300F30	0,33	43	1050	304	313	60	694	705	696	60 x 300	404	56
ETC60300F40	0,35	45	1030	304	313	70	704	715	706	60 x 300	410	59

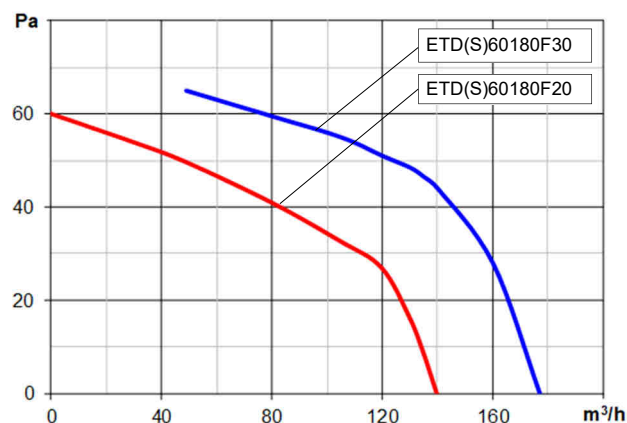
Performances curves

Tangential fans

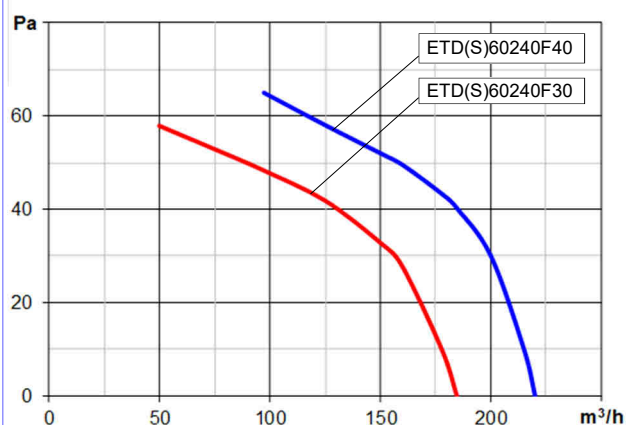
ETD(S)60120F15 - 60120F20, 50Hz



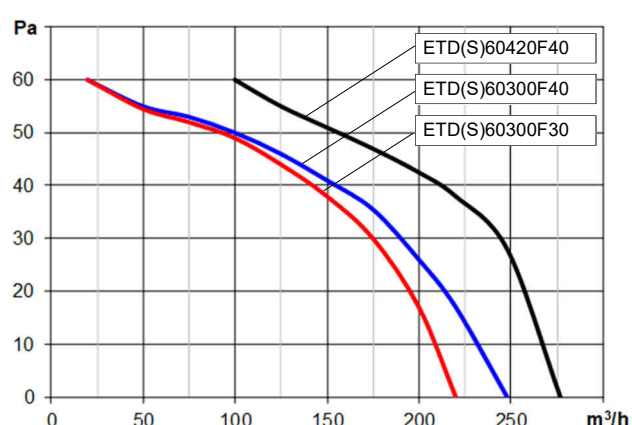
ETD(S)60180F20 - 60180F30, 50Hz



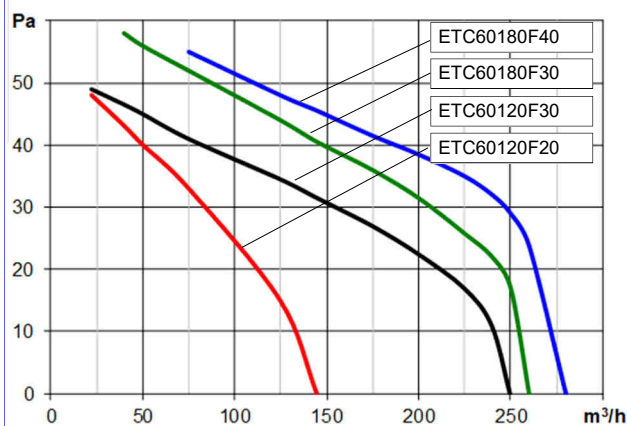
ETD(S)60240F30 - 60240F40, 50Hz



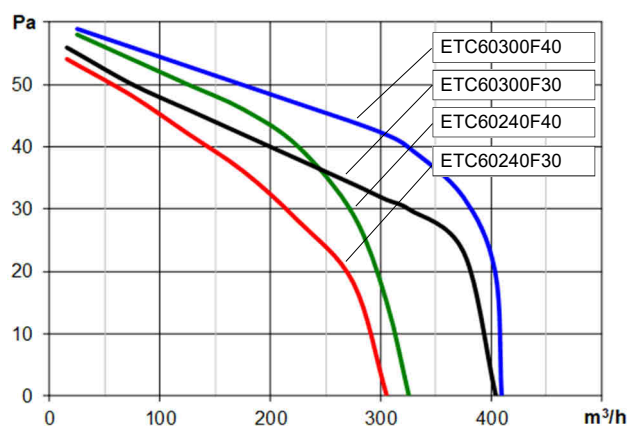
ETD(S)60300F30 - 60420F40, 50Hz



ETC60120F20 - 60180F40, 50Hz

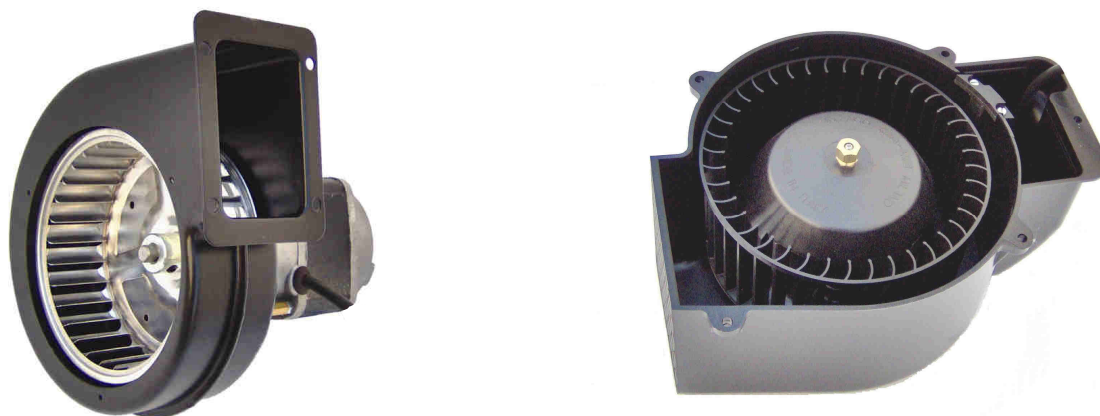


ETC60240F30 - 60300F30, 50Hz



Centrifugal blowers

Ø 78mm ÷ Ø145mm



Ventilatori Centrifughi

MOTORE :

2 o 4 poli, a poli schermati o a condensatore

CARCASSA :

Coperchi in alluminio pressofuso
Coclea in lamiera zincata

VENTOLA :

in alluminio a semplice aspiraz.

CONNESSIONE

Cavo 3 x 0,5 x 500 mm

VOLTAGGI :

230V - 50/60Hz.
su richiesta :
115V- 50/60Hz.

PROTEZIONE : IP40 .. IP44

ISOLAMENTO : " B "

TEMPERATURA DI UTILIZZO :

da -30° C a + 40° C

FUNZIONALITA' : (S1)

Continua in tutte le posizioni

MARCATURA : CE

In accordo a EN 60335.1
Bassa Tensione 2014/35/UE
Direttiva Macchine 2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Centrifugal blowers

MOTOR :

2 or 4 pole, shaded pole or PSC version

HOUSING :

Die-casting aluminium body,
galvanized steel housings.

IMPELLER :

aluminium, single inlet

MAINS CONNECTION

Cable 3 x 0,5 x 500 mm

VOLTAGE RANGE :

230V - 50/60Hz.
by request
115V- 50/60Hz.

PROTECTION : IP40 .. IP44

INSULATION : " B "

OPERATING TEMPERATURE :

From -30° C to + 40° C

OPERATION : (S1)

Continuous in all positions

MARKED : CE

according to EN 60335.1
2014/35/UE Low Voltage
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Ventilateurs centrifuges

MOTEUR :

2 o 4 pôles, " shaded pole " ou à condensateur.

CARCASSE :

Pressofusion d' aluminium
volutes en acier galvanisé.

TURBINE :

aluminium, simple aspiration

CONNECTION :

Cable 3 x 0,5 x 500 mm

VOLTAGE :

230V - 50/60Hz.
sur demande
115V- 50/60Hz.

PROTECTION : IP40 .. IP44

ISOLATION : " B "

TEMPERATURE D'EXERCICE

de -30° C à + 40° C

TRAVAIL : (S1)

Continu en toute position

MARQUAGE : CE

en accord avec EN 60335.1
2014/35/UE Basse Tension
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Radialgebläse

MOTOR :

2 oder 4 Polige Spaltpolmotoren
oder Kondensatormotoren

VENTILATORGEHAUSE :

Druckguß Wandring Aluminium
Gehäuse aus sendzimiervverzinktem
Stahlblech

LUFTERRÄD :

Aluminium, einseitig Saugend

NETZANSCHLUß :

Kabel 3 x 0,5 x 500 mm

SPANNUNG :

230V - 50/60Hz.
auf Anfrage
115V- 50/60Hz.

SCHUTZART: IP40 .. IP44

ISOLATIONSKLASSE: " B "

TEMPERATUR BEREICH :

Von -30°C bis +40°C

BETRIEBSART : (S1)

Fortdauernd in den allen Lagen

ZULASSUNGEN : CE

Abkommen mit EN 60335.1
2014/35UE
2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Centrifugal blowers 2 or 4 pole

Ø 108mm ÷ Ø 133mm

Serie OS 108-120-133.4...

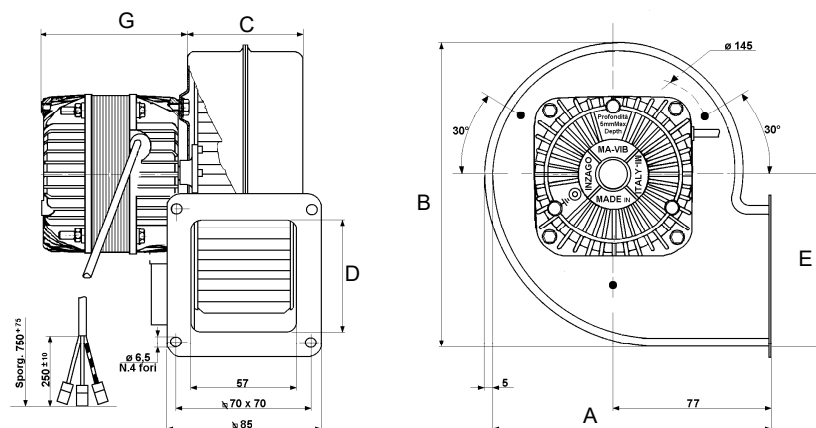


Fig. 1

Serie OS 108-120-133.2...

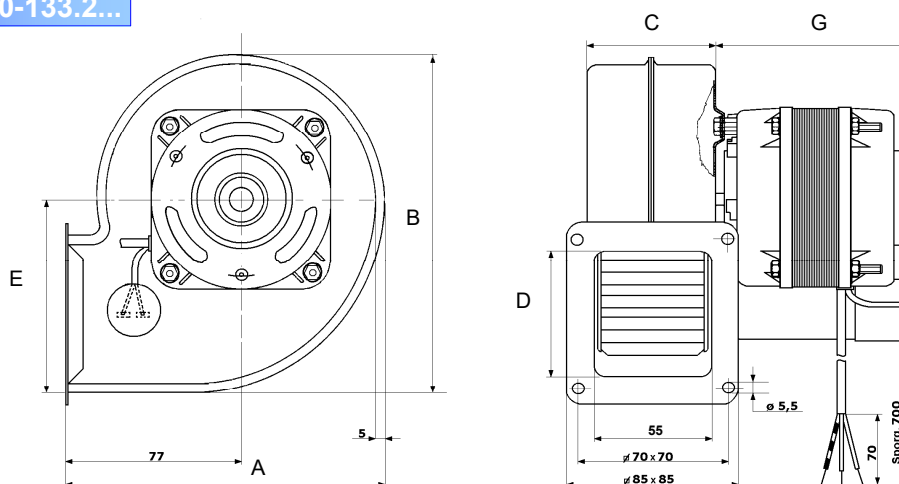


Fig. 2

Serie OS - 230V - 50/60Hz marcati **CE**, cl. B, conformi EN.60335.1

CODE	Lable data				Dimensions						Impeller Ø x length	Airflow max, m ³ /h	Pressure max, Pa	Fig.
	A.	Win	RPM	µF	A	B	C	D	E	G				
OS.108.4...	0,19	29	1300	-	148	143	60	55	84	76	108x50	80	160	1
OS.120.4 ...	0,19	32	1300	-	191	192	60	80	104	83	120x50	130	200	
OS.133.4 ...	0,25	35	1300	-	191	192	60	80	104	83	133x50	150	205	
OS.108.206.17	0,2	50	2900	2	148	143	60	55	84	83	108x50	160	222	2
OS.120.224 ...	0,32	73	2550	2	191	192	60	80	104	83	120x50	250	345	
OS.133.240...	0,34	80	2850	3,15	191	192	60	80	104	112	133x50	277	355	

Centrifugal blowers 2 or 4 pole

Ø 145mm

Serie OS 145.4 ...

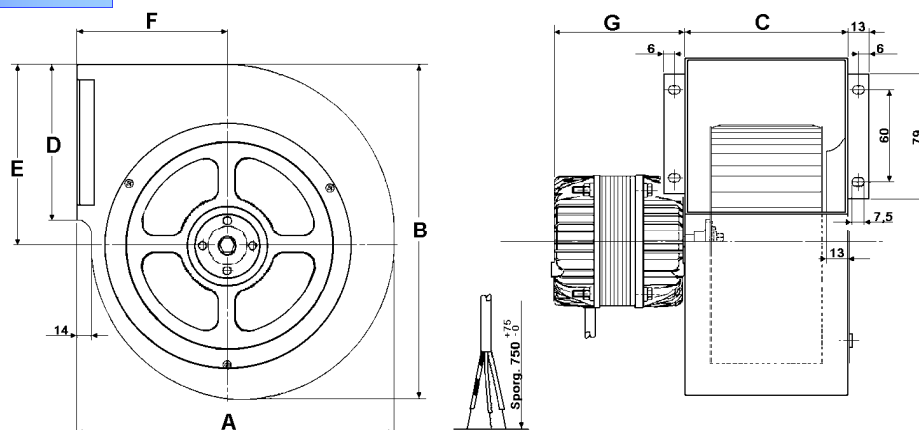


Fig. 1

Serie OS 145.2 ...

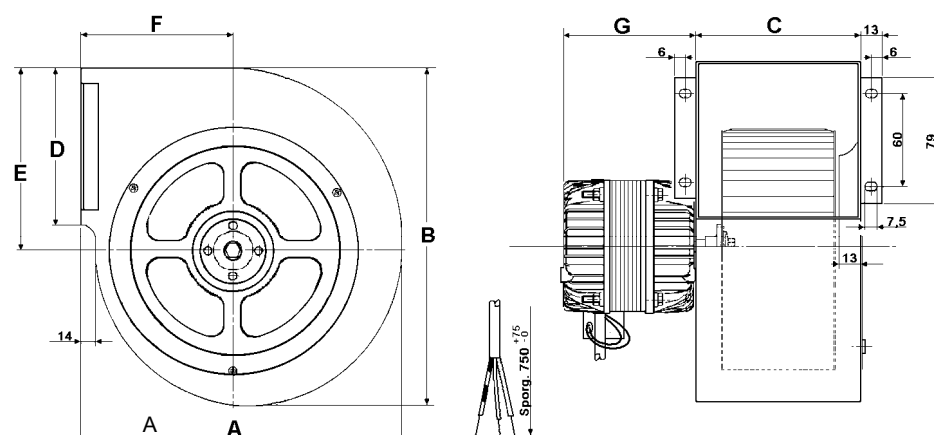


Fig. 2

Serie OS ... : 230V - 50/60Hz marcati  , cl. B, conformi EN.60335.1

CODE	Lable data				Dimensions							Impeller	Airflow	Pressure	Fig.
	A.	W _{in}	RPM	μF	A	B	C	D	E	F	G	ø x length	max, m ³ /h	max, Pa	
OS.145.450. ...	0,48	75	1300	-	196	207	92	96	139	168	100	145x50	200	255	1
OS.145.474. ...	0,51	80	1300	-	196	207	112	96	139	168	100	145x74	250	298	
OS.145.250. ...	0,46	110	2800	3,15	196	207	92	96	139	168	122	145x50	320	400	2
OS.145.274. ...	0,50	115	2800	4	196	207	112	96	139	168	122	145x74	460	405	

Double centrifugal blowers

Ø 108mm ÷ Ø 145mm

Serie OS 108-133.2...

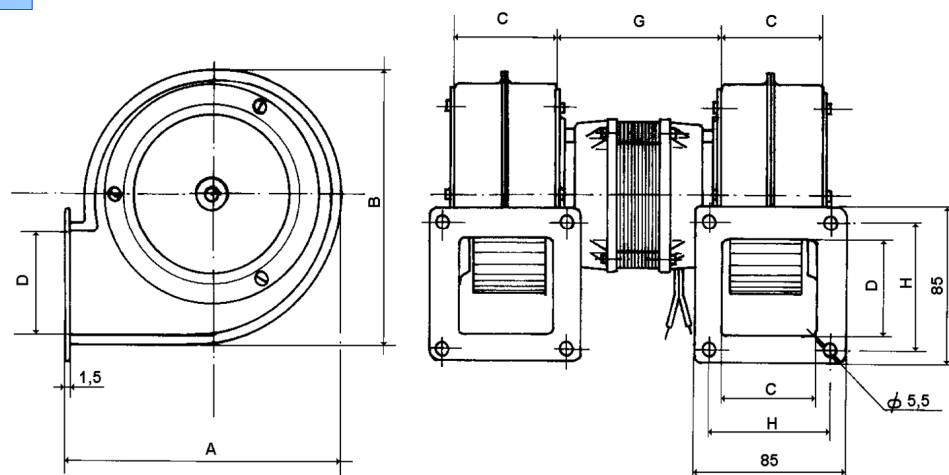


Fig. 1

Serie OS 145.2...

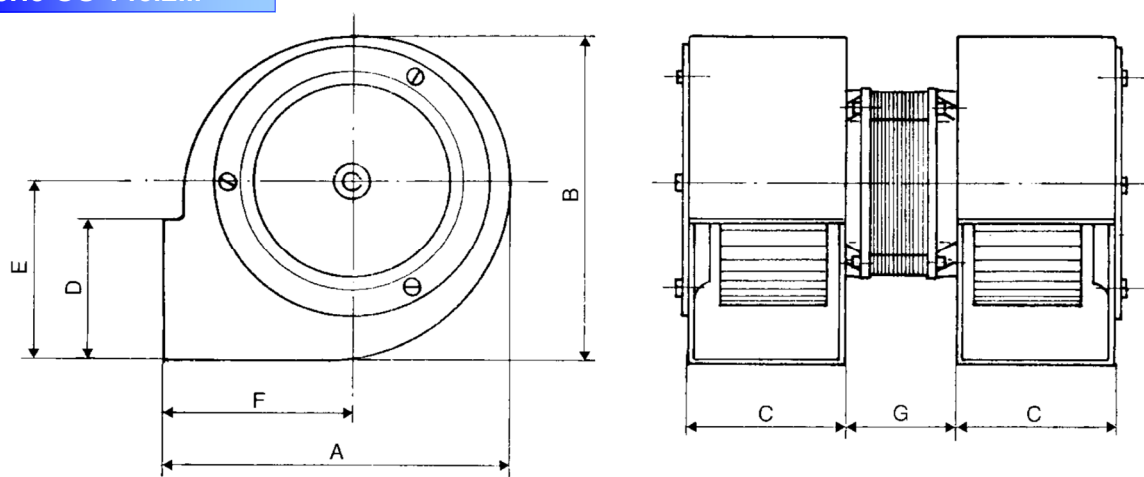
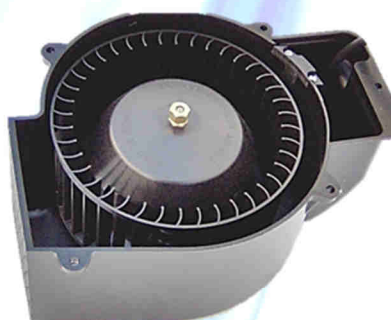
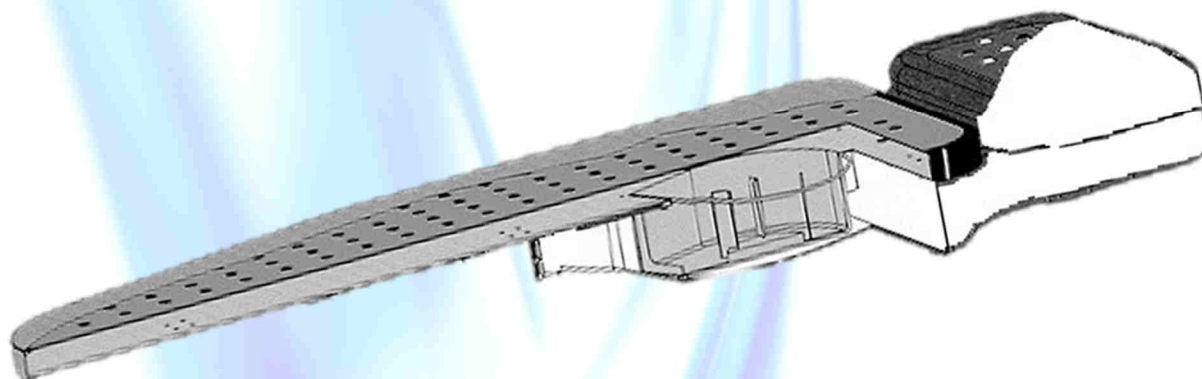


Fig. 2

Serie OS ... : 230V - 50/60Hz marcati  , cl. B, conformi EN.60335.1

code	Lable data				Dimensions							Impeller	Airflow	Pressure	Fig.
	A.	W _{in}	RPM	μF	A	B	C	D	E	F	G	ø x length	max, m ³ /h	max, Pa	
OS.108.2.4..	0,19	29	1300	-	152	154	59	55	-	70	62	2xø108x50	180	140	1
OS.120.2.4..	0,37	57	1300	-	189	192	60	80	-	93	69	2xø120x50	260	140	
OS.133.2.4..	0,55	85	1300	-	189	192	60	80	-	93	79	2xø133x50	320	180	
OS.145.2.312	0,55	85	1300	-	196	206	112	98	117	95	79	2xø145x74	425	220	2
OS.108.2.301	0,35	65	2800	2	152	154	59	55	-	70	84	2xø108x50	445	205	1
OS.120.2.2..	0,75	150	2700	3,15	189	192	60	80	-	93	104	2xø120x50	500	300	
OS.133.2.2..	0,85	180	2700	4	189	192	60	80	-	93	104	2xø133x50	575	340	
OS.145.2.2..	0,88	205	2700	5	196	206	112	98	117	95	116	2xø145x74	680	390	2

Centrifugal & Axial fans for iron table



OS pl



OS fe



Compact



MA-VIB S.p.A.
Via Castel Rozzone, 15 - 24050 Lurano (BG) – ITALY
Tel. +39.029547403 – Internet Web Site: www.mavib.com

Sales Office: Italy = ita@mavib.com Export = expo@mavib.com



Plastic centrifugal blowers

Ø 145mm for iron table

Serie OS 145-PL

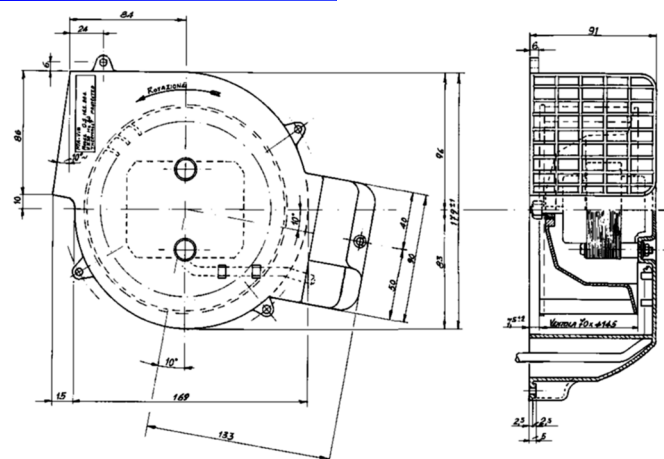


Fig. 1

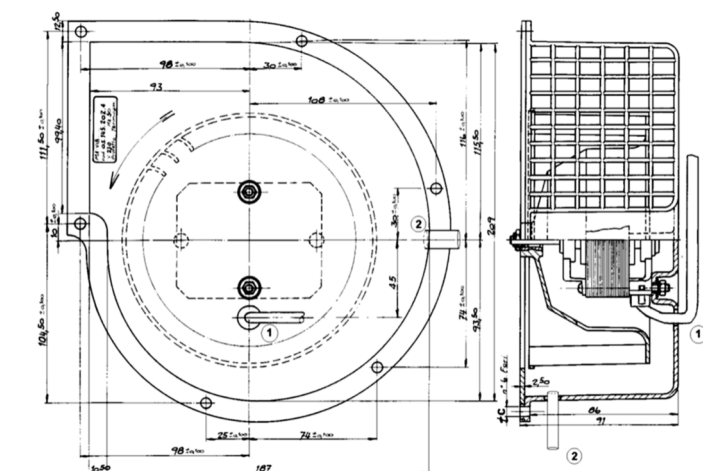
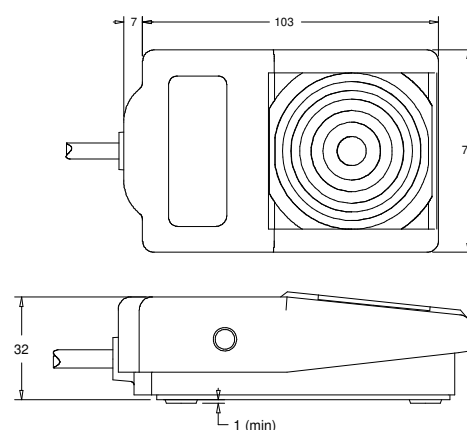


Fig. 2



PEDALE di COMANDO con cavo 0.75x1500mm



cod. PE.R = con interruttore a ritenuta

cod. PE.M = con interruttore a impulsi

Different versions of FOOT STARTER are available

Disponibile doppia pedaliera per Aspirante/Soffiante

Serie OS ... : 230V - 50/60Hz marcati , cl. B, conformi EN.60335.1

CODE	Lable data				Impeller	Airflow	Pressure	Direction of air flow	Fig.
	A.	W _{in}	RPM	μF					
OS.145.204..	0,75	90	2200	-	145 x 70	100	44	Suction	1
OS.130.22..	0,18	39	2900	1,5	130/31°AP	140	70	Bidirectional	
OS.154.220..	0,18	39	2900	1,5	154/31°AP			Bidirectional	
OS.145.202..	0,80	95	2200	-	145 x 70	130	56	Suction	2
OS.172.220..	0,23	52	2800	1,5	172/31°AP	210		Bidirectional	

High temperature exhaust blowers

Ø 108mm ÷ Ø 133mm

Serie OS 108HT

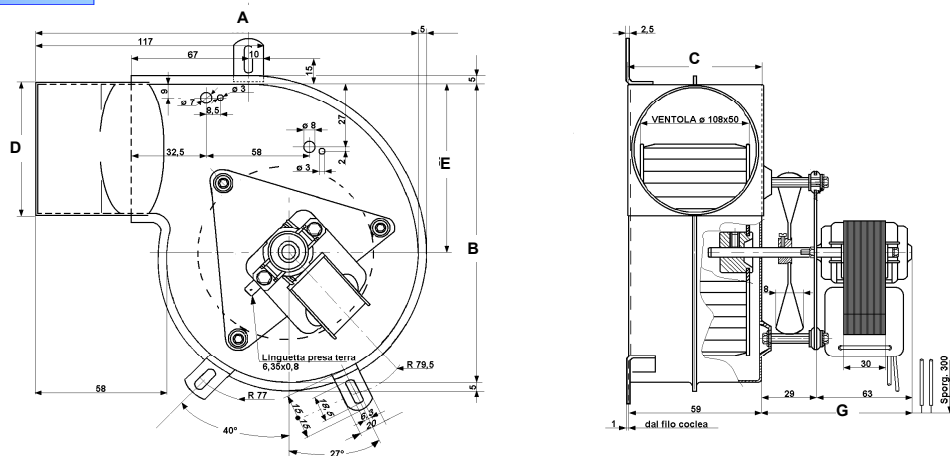


Fig. 1

Serie OS 120-133HT

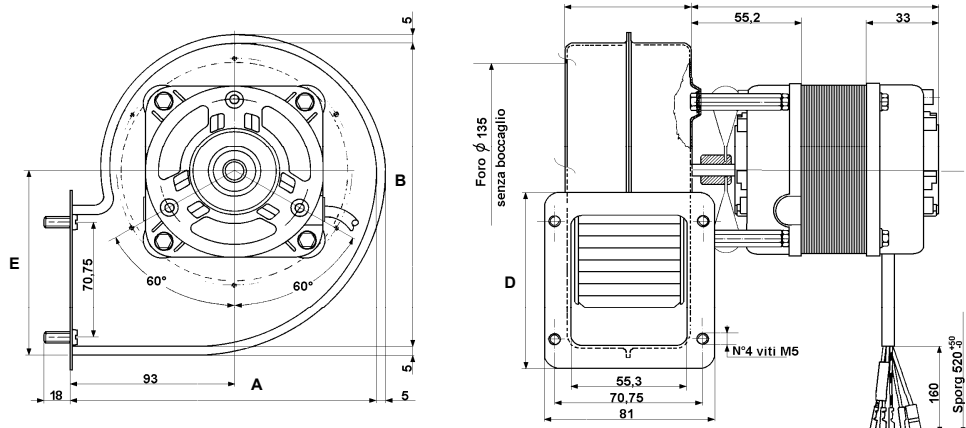


Fig. 2

Serie OS ... : 230V - 50/60Hz marcati  , cl. B, conformi EN.60335.1

CODE	Lable data				Dimensions						Impeller	Airflow	Pressure	Fig.
	A.	W _{in}	RPM	μF	A	B	C	D	E	G	ø x length	max, m ³ /h	max, Pa	
OS.108.220	0,35	40	2500	-	191	153	60	60	84	88	108X50	160	220	1
OS.120.201	0,37	81	2550	2	189	172	60	106	84	109	120X50	250	350	2
OS.133.201	0,43	100	2800	3,15	189	172	60	106	99	128	133X50	275	350	

High temperature exhaust blowers

Ø 150mm

Serie OSD..2B.. & OSD..2L

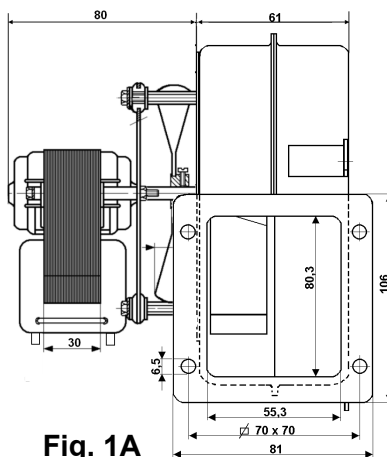
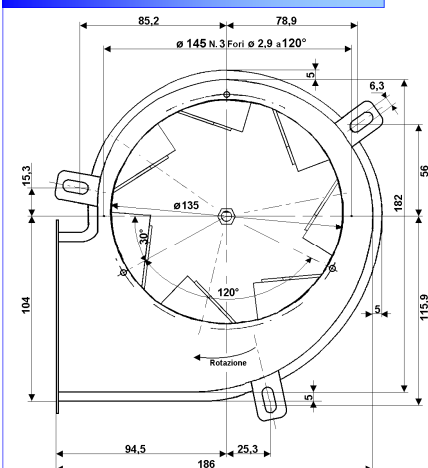


Fig. 1A

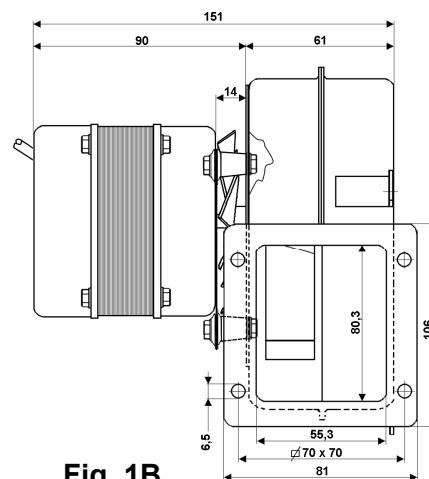


Fig. 1B

Serie B03Y0... & L22Y0...

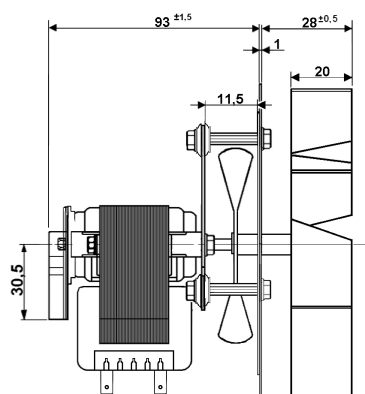
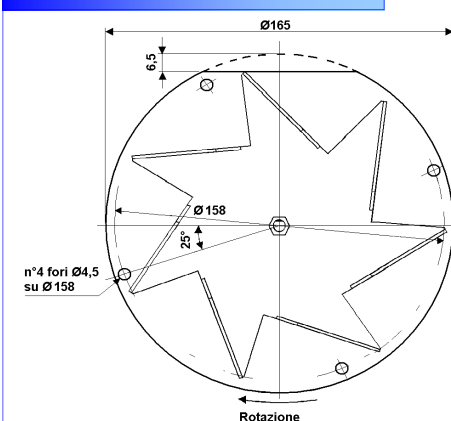


Fig. 2A

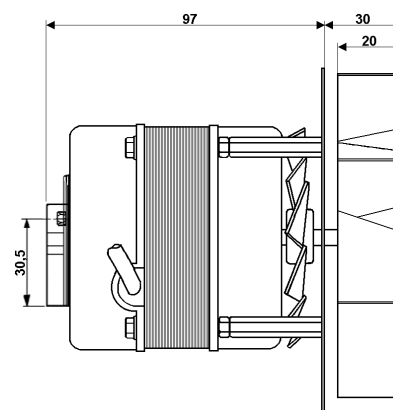


Fig. 2B

Serie OS 150 ... : 230V - 50/60Hz marcati , cl. B, conformi EN.60335.1

CODE	Lable data						impeller	Airflow	Pressure	On demand	Ball bearings Cuscinetti	Housing Coclea	L.D.
	A.	W _{in}	RPM	μF	Prot.	Cl. Is.	ø x length	max, m ³ /h	max, Pa				
OSD150Z.2B...	0,35	40	2500	-	Therm.	B	150x20	220	330	encoder	•	•	1A
OSD150Z.2L...	0,2	36/46	2850/3300	1	Therm.	B	150x20	240	350	encoder	•	-	1B
B03Y0150R...	0,35	40	2500	-	Therm.	B	150x20	220	330	encoder	•	•	2A
L22Y0150R...	0,2	36/46	2850/3300	1	Therm.	B	150x20	240	350	encoder	•	-	2B

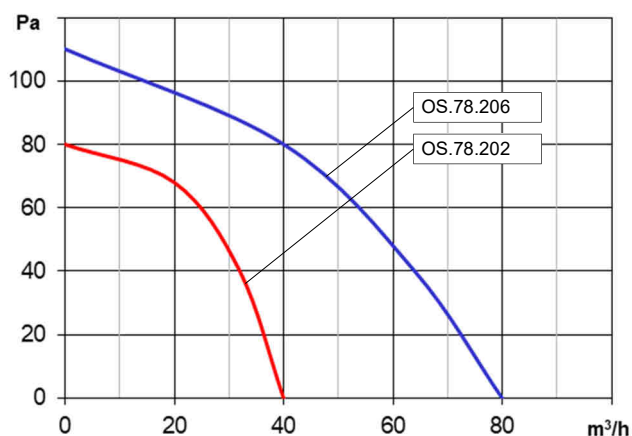
- encoder on demand

Performances curves

Centrifugal blowers

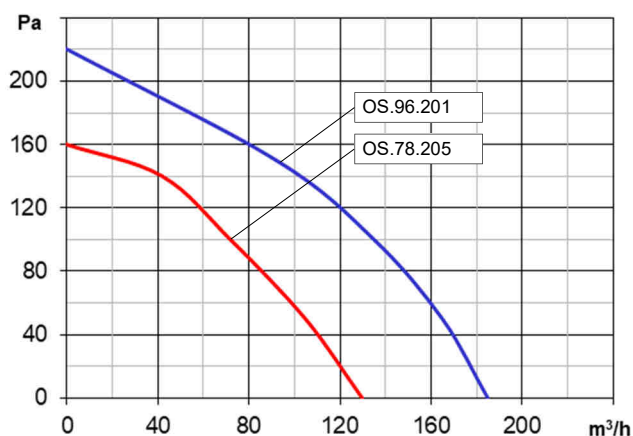
OS.78.202 - 206

— 50Hz



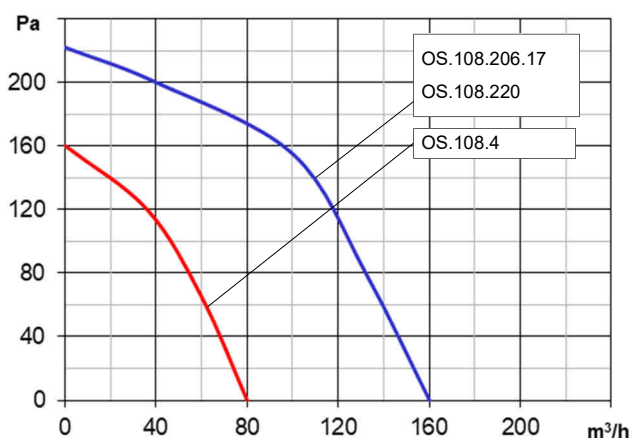
OS.78.205 - OS.96.201

— 50Hz



OS.108.4... OS.108.2...

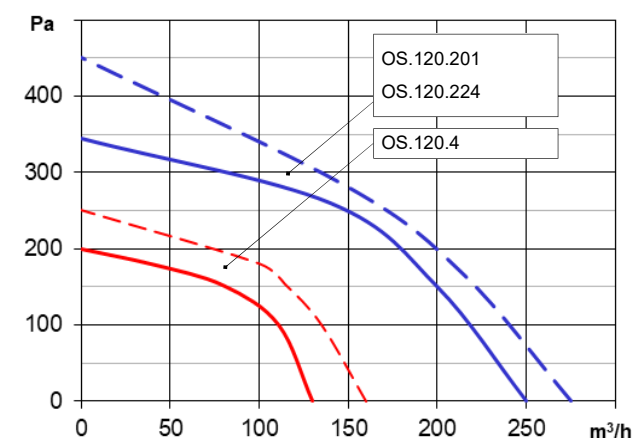
— 50Hz



OS.120.4 ... OS.120.2...

— 50Hz

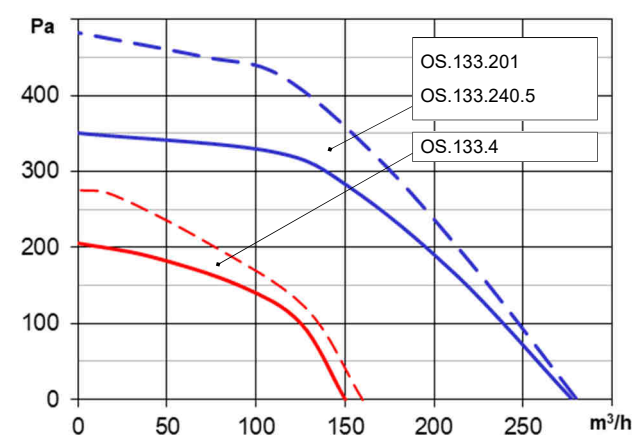
--- 60Hz



OS.133.4 ... OS.133.2...

— 50Hz

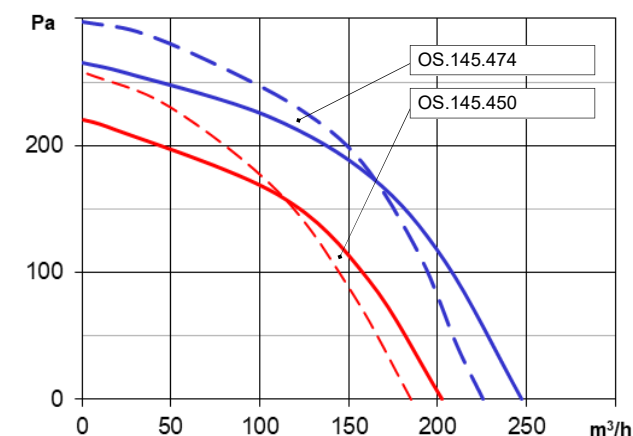
--- 60Hz



OS.145.450 - 474

— 50Hz

--- 60Hz

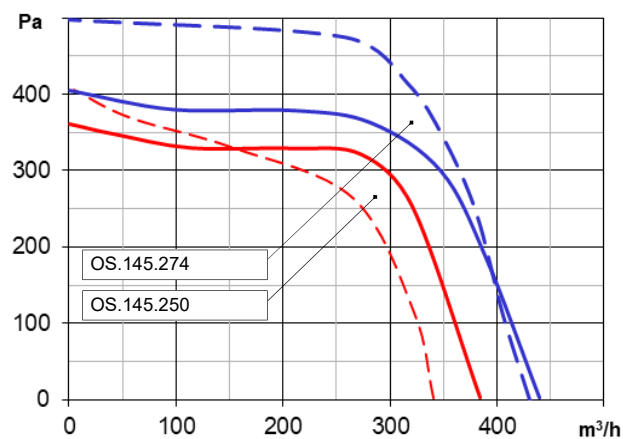


Performances curves

Centrifugal blowers

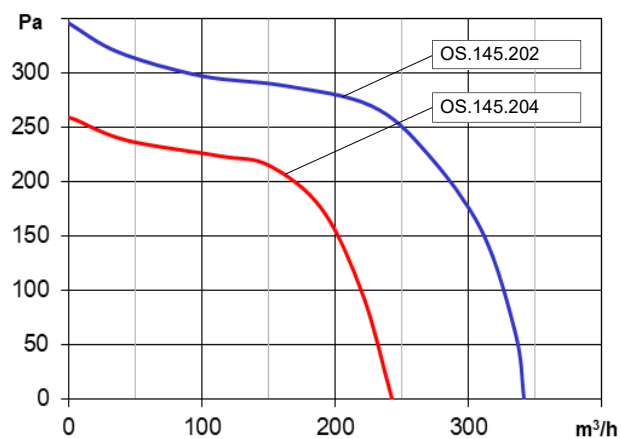
OS.145.250 - 274

— 50Hz — 60Hz



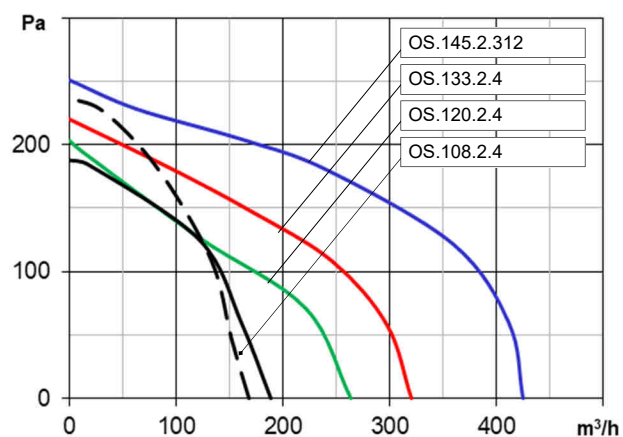
OS.145.202-203-204-205

— 50Hz



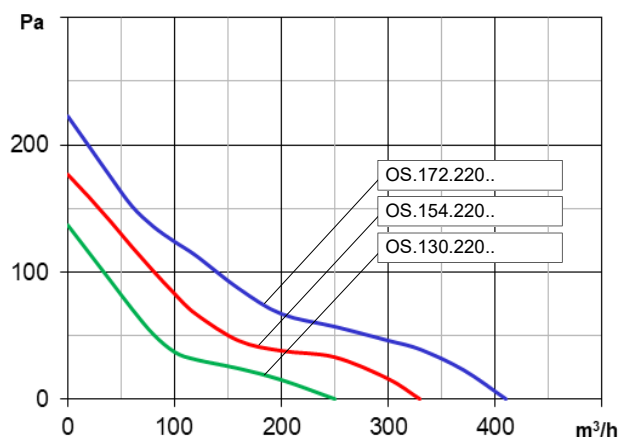
OS.108-120-133-145.2.4...

— 50Hz — 60Hz



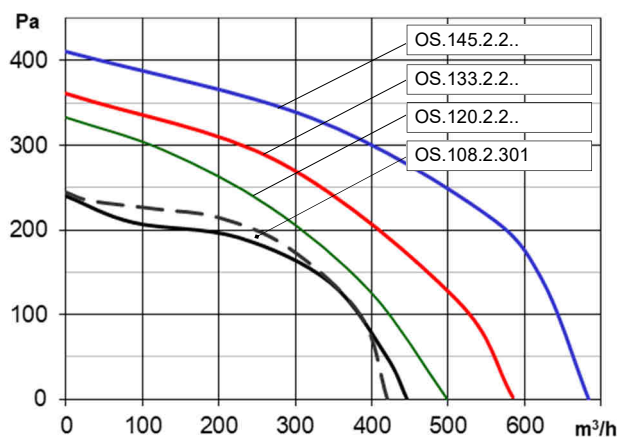
OS.130.220..-154.220..-172.220..

— 50Hz



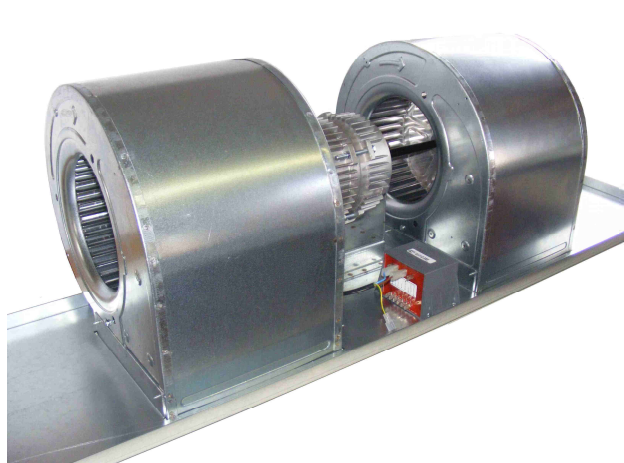
OS.108-120-133-145.2.2...

— 50Hz — 60Hz



Centrifugal blowers

fan-deck Ø 145mm ÷ Ø 180mm



Ventilatori Centrifughi

MOTORE :

4 o 6 poli, a poli schermati o a condensatore

CARCASSA :

Coperchi in alluminio pressofuso;
Coclea in lamiera zincata

VENTOLA :

in alluminio a doppia aspirazione.

CONNESSIONE

Cavo 3 x 0,5 x 500 mm

VOLTAGGI :

230V - 50/60Hz.
su richiesta :
115V - 50/60Hz.

PROTEZIONE : IP42 .. IP44

ISOLAMENTO : " B "

TEMPERATURA DI UTILIZZO :

da -30° C a + 40° C

FUNZIONALITA' : (S1)

Continua in tutte le posizioni

MARCATURA : CE

in accordo a EN 60335.1
Bassa Tensione 2014/35/UE
Direttiva Macchine 2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Centrifugal blowers

MOTOR :

4 or 6 poles, shaded pole or PSC motor

HOUSING :

Die-casting aluminium body;
galvanized steel scrolls.

IMPELLER :

aluminium, double inlet.

MAINS CONNECTION

Cable 3 x 0,5 x 500 mm

VOLTAGE RANGE :

230V - 50/60Hz.
on request
115V - 50/60Hz.

PROTECTION : IP42 .. IP44

INSULATION : " B "

OPERATING TEMPERATURE :

From -30° C to + 40° C

OPERATION : (S1)

Continuous in all positions

MARKED : CE

according to EN 60335.1
2014/35/UE Low Voltage
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Ventilateurs centrifuges

MOTEUR :

4 o 6 pôles, " shaded pole " ou à condensateur.

CARCASSE :

Pressofusion d' aluminium;
volumes en acier galvanisé.

TURBINE:

aluminium, à double aspiration

CONNECTION :

Cable 3 x 0,5 x 500 mm

VOLTAGE :

230V - 50/60Hz.
sur demande
115V - 50/60Hz.

PROTECTION : IP42 .. IP44

ISOLATION : " B "

TEMPERATURE D'EXERCICE

de -30° C à + 40° C

TRAVAIL : (S1)

Continu en toute position

MARQUAGE : CE

en accord avec EN 60335.1
2014/35/UE Basse Tension
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Radialgebläse

MOTOR :

4 oder 6 polige Spaltpolmotoren oder Kondensatormotoren

VENTILATORGEHAUSE :

Druckguß Wandring Aluminium;
Gehäuse aus sendzimiervertinktem Stahlblech

LÜFTERRÄD :

Aluminium, doppelseitig Saugend

NETZANSCHLUß :

Kabel 3 x 0,5 x 500 mm

SPANNUNG :

230V - 50/60Hz.
auf Anfrage
115V - 50/60Hz.

SCHUTZART: IP42 .. IP44

ISOLATIONSKLASSE: " B "

TEMPERATUR BEREICH :

Von - 30°C bis + 40°C

BETRIEBSART : (S1)

Fortdauernd in den allen Lagen

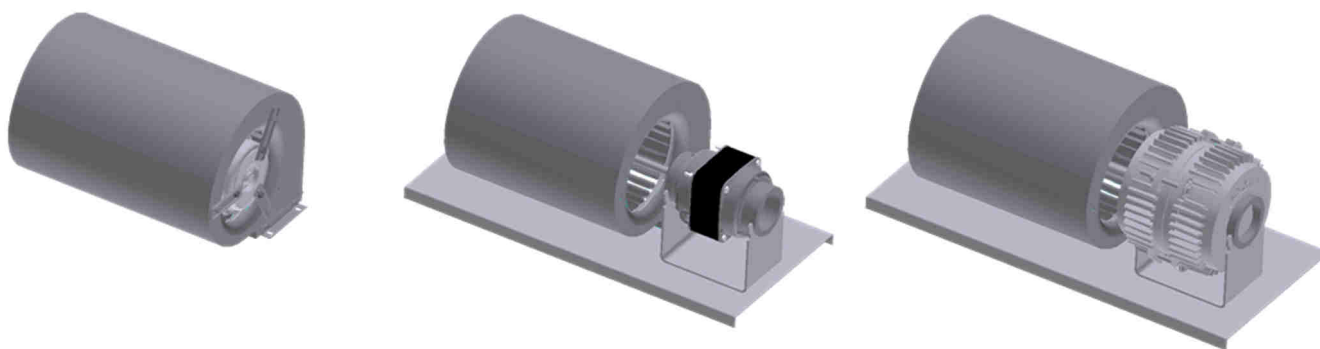
ZULASSUNGEN : CE

Abkommen mit EN 60335.1
2014/35UE
2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

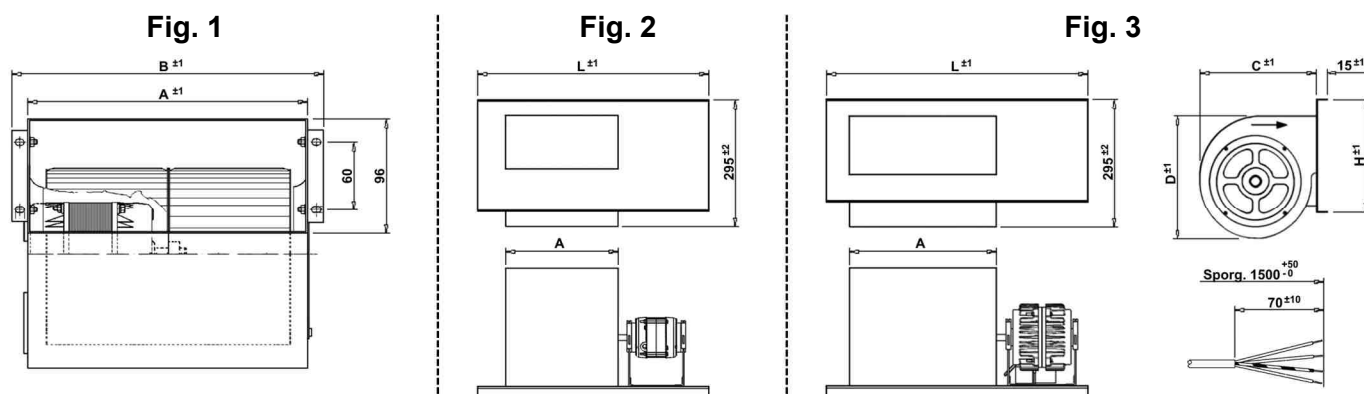
Single fan-deck blower

Ø 145mm ÷ Ø 180mm

Serie FAD... / FDB...



Serie FAD... / FDB...



Gruppi FAD(S)...-FD(S)B... : 230V - 50/60Hz marcati (CE), cl. B, conformi EN.60335.1

CODE	Lable data			Dimemsions						Impeller	FIG.
	A.	W _{in}	RPM (a)	A	B	C	D	L (b)	H (b)		
FAD(S)145M14E4..	0,70	98	1300	210	236	195	208			Ø145x176	1
FAD(S)145N14E4..	0,78	110	1300	230	256					Ø145x196	
FAD(S)145Q14E4..	0,86	120	1300	274	300					Ø145x240	
FAD(S)145M12L4..	0,88	205(*)	2700	210	236	195	208			Ø145x176	
FAD(S)145N12L5..	0,93	210(*)	2700	230	256					Ø145x196	
FD(S)B160M14L4..	0,98	200(*)	1300	210		244	260	700	260	Ø160x176	2
FD(S)B180Q14P5..	1,20	250(*)	1300	274				863	220	Ø180x240	3

(*) Only 50Hz

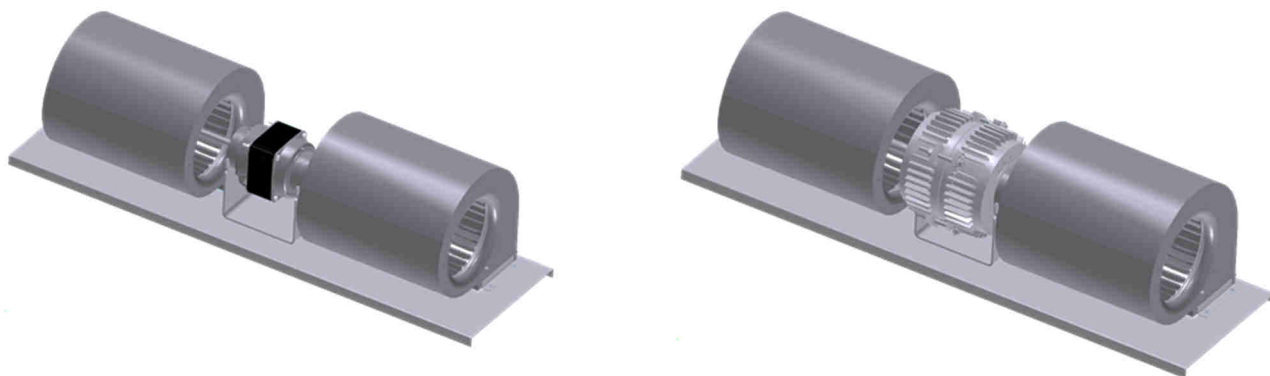
(a) On request 6 speed by impedance supplied separately

(b) Variable on demand

Double fan-deck blowers

Ø 145mm ÷ Ø 180mm

Serie FCB...



Serie FCB...

Fig. 1

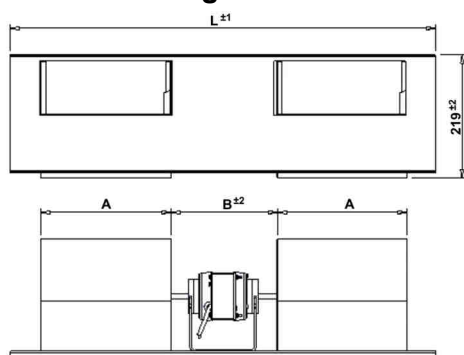
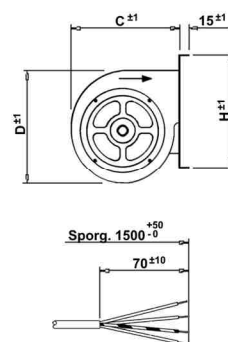
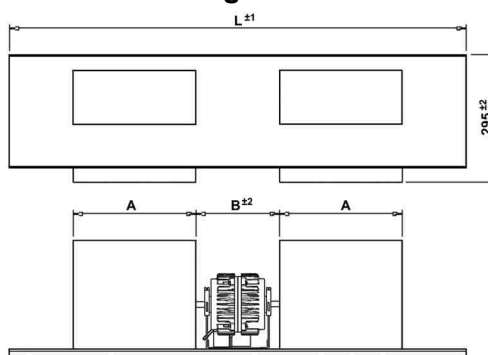


Fig. 2



Gruppi FCB... : 230V - 50/60Hz marcati CE , cl. B, conformi EN.60335.1

CODE	Lable data			Dimensons						Impeller	FIG.
	A.	W _{in}	RPM (a)	A	B	C	D	L (b)	H (b)		
FCB145M14L4..	0,43	98	1300	210	180	195	208	713	209	2xØ145x176	1
FCB145N14L4..	0,58	128	1200	230	180	195	208	710	209	2xØ145x196	
FCB145Q14L4..	0,59	135	1200	274	180	195	208	951	209	2xØ145x240	
FCB160M14P5..	1,10	250(*)	1400	210	210	244	260	700	260	2xØ160x176	2
FCB160Q14P5..	1,27	290(*)	1350	274	210	244	260	863	260	2xØ160x240	
FCB180N14P5..	1,20	270(*)	1350	230	210	244	260	810	260	2xØ180x196	
FCB180Q14P5..	1,35	310(*)	1350	274	210	244	260	810	260	2xØ180x240	
								850	220		

(*) Only 50Hz

(a) On request 6 speed by impedance supplied separately

(b) Variable on demand

Motors fan-deck blowers

serie L4

Serie L4 ... (M)

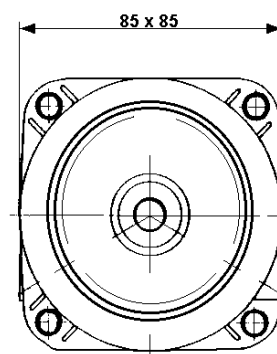
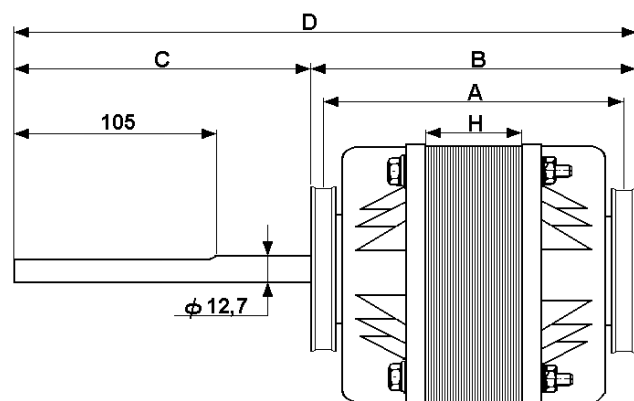
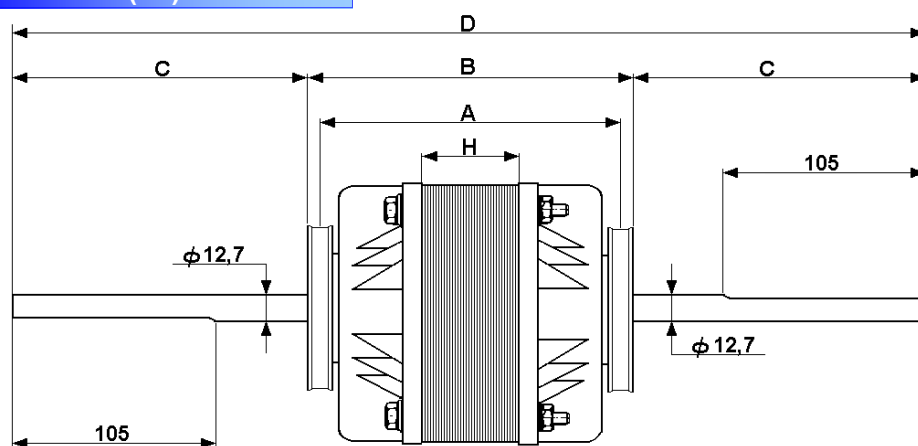


Fig. 1

Serie L4 ... (L)



On request:
- Capacitor
- 6 speed Impedance

Min 6 5 4 3 2 1 MAX

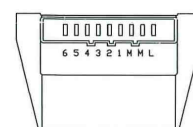


Fig. 2

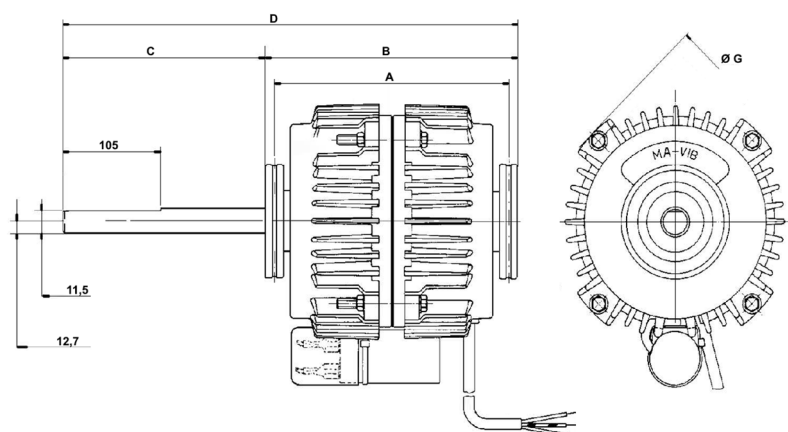
Serie L4 poli M82.. : 230V - 50/60Hz - marcati classe B, in accord a EN.60335.1

CODE	Lable data					Dimensions					Fig.
	A	W _{in}	W _{out}	RPM	Speed	A	B	C	D	H	
L47Y...	0,35	75	25	950	1	99	109	213	322	25	1
L43Y...	0,38	78	30	980	1	104	114	208	322	30	
L47Y...	0,35	75	25	950	1	99	109	236	580	25	2
L43Y...	0,38	78	30	980	1	104	114	233	580	30	
L44Y...	0,42	128	48	1200	1	114	124	228	580	40	

Motors fan-deck blowers

serie P & G

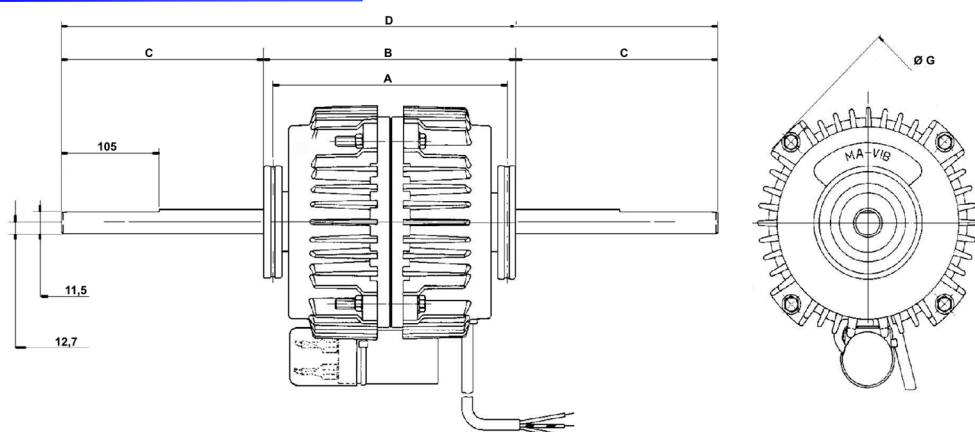
Serie P4 & G6 (M)



Rotation

Fig. 1

Serie P4 - P6 - G4 - G6 (L)



On request:

- Capacitor
- 6 speed Impedance

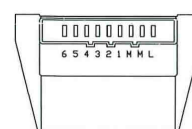


Fig. 2

Serie 4 poli M102 - M120 : 230V - 50/60Hz marcati  ,cl. B, conformi IEC/EN.60335-1

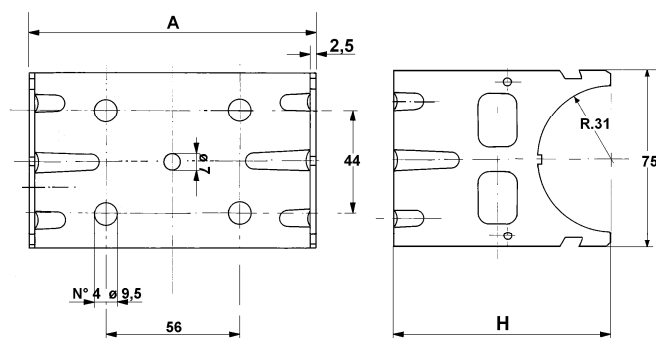
CODE	Lable data					Dimensions						Fig.
	A.	W _{in}	W _{out}	RPM	Speed	A	B	C	D	F	G	
P43Y...	0,85	165	85	1350	7	130,5	140	180	320	105	133	1
P45Y...	1,2	280	150	1350	7	130,5	140	180	320	105	133	
P43Y...	0,85	165	85	1350	7	130,5	140	220	580	105	133	2
P45Y...	1,2	280	150	1350	7	130,5	140	220	580	105	133	
G46Y... (*)	2,15	440	300	1400	1	149,5	162	162			153	1
G66Y... (*)	1,5	240	115	950	1	149,5	162	77	239	60	153	
P63Y...	0,46	110	50	900	1	130,5	140	220	580	105	133	2
P65Y...	0,75	165	80	950	1	130,5	140	220	580	105	133	
G66Y... (*)	1,5	240	115	950	1	149,5	162	162			153	

(*) Motori a cuscinetti - ball bearing

Accessories

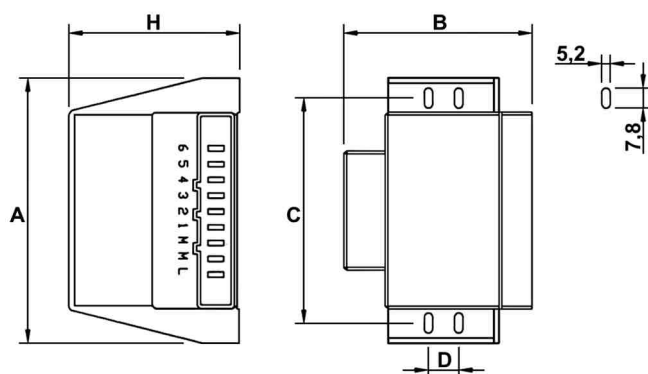
serie L, P & G

Staffe - Bracket - Support - Fuß

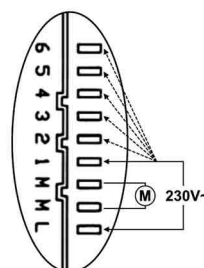


CODE	Dimensions				Motor
	A	B	C	H	
024.0150.0000	101			91,5	L47xx
024.0103.0000	106			86,5	L43xx
024.0252.0000				95	
024.0104.0000	116			86,5	L44xx
024.0151.0000				91,5	
024.0254.0000				95,0	
024.0107.0000				86,5	Px3xx / Px5xx
024.0118.0000	133			93,5	
024.0256.0000				95	
024.0120.0000				118	
024.0110.0000	152			86,5	G46xx / G66xx
024.0137.0000				93,5	
024.0122.0000				118	

Impedenza - Impedance - Impédance - Impedanz

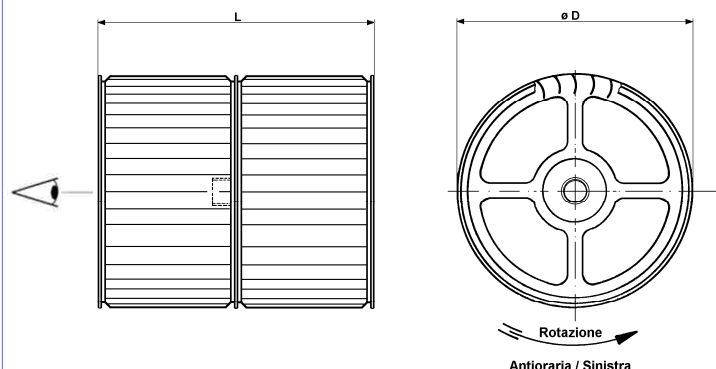


CODE	Dimensions					Power (VA)
	A	B	C	D	H	
105.0148.0000	65	48	55		43	40
105.150.00000	83	55	68	11	50	80
105.0151.0000	83	64	68	11	50	120
105.0152.0000	106	83	93	30	68	300
105.0153.0000	121	88	82	45	75	450



Terminal M-M: motor
 Terminal L+1: 230V~ (MAX speed)
 Terminal L+2: 230V~ ...
 Terminal L+3: 230V~ ...
 Terminal L+4: 230V~ ...
 Terminal L+5: 230V~ ...
 Terminal L+6: 230V~ (MIN speed)

Ventole - Wheels - Turbine - Lüfterräd

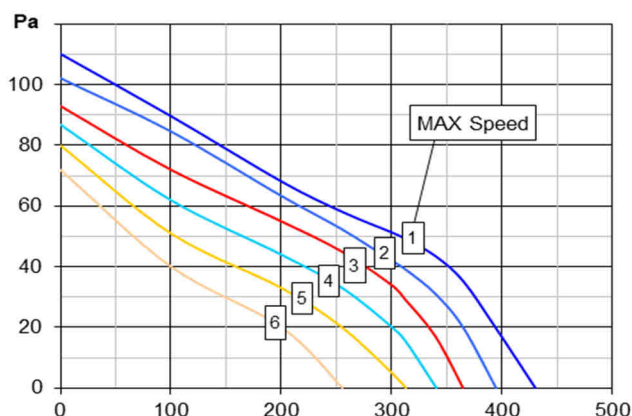


L \ ø D	145	160	180	185	200	215	238
50	*	*	*	*	*	*	*
100	*	*	*	*	*	*	*
148	*	*	*	*	*	*	*
176	*	*	*	*	*	*	*
196	*	*	*	*	*	*	*
218	*	*	*	*	*	*	*
240	*	*	*	*	*	*	*
300	*	*	*	*	*	*	*

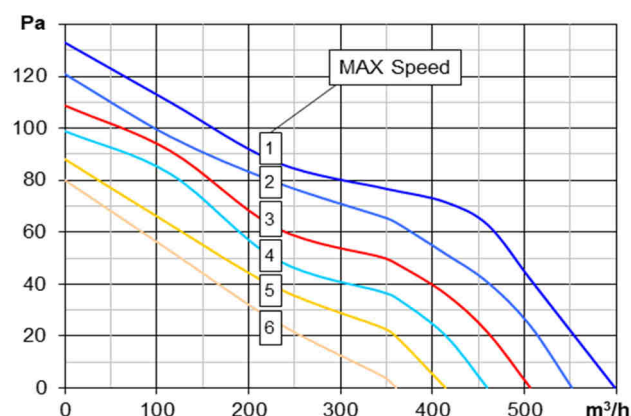
Performances curves

Single fan-deck blowers

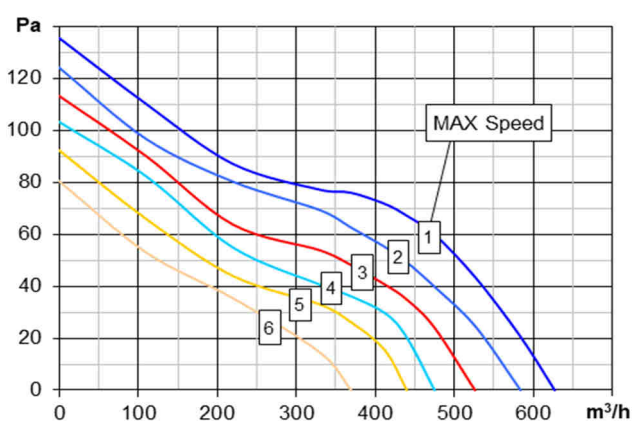
FAD(S)145M14E4.. 50Hz



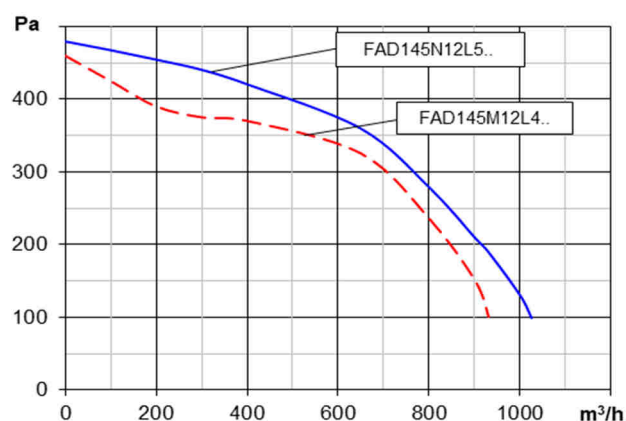
FAD(S)145N14E4.. 50Hz



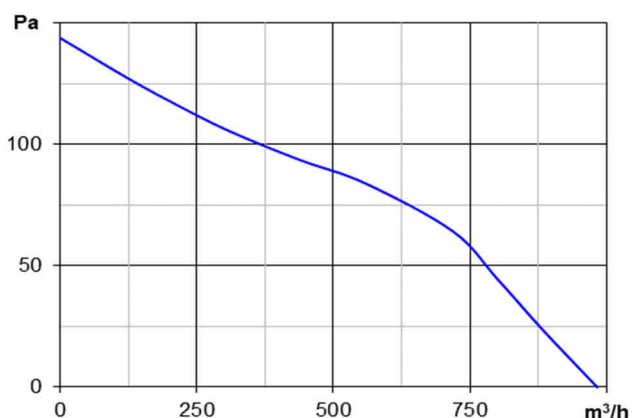
FAD(S)145Q14E4.. 50Hz



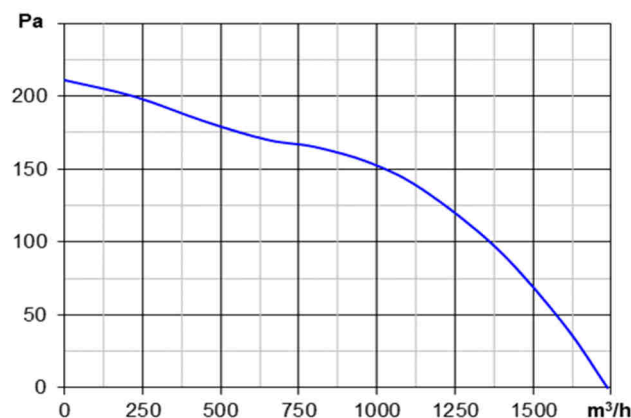
FAD(S)145.12L... 50Hz



FD(S)B160M14L4.. 50Hz



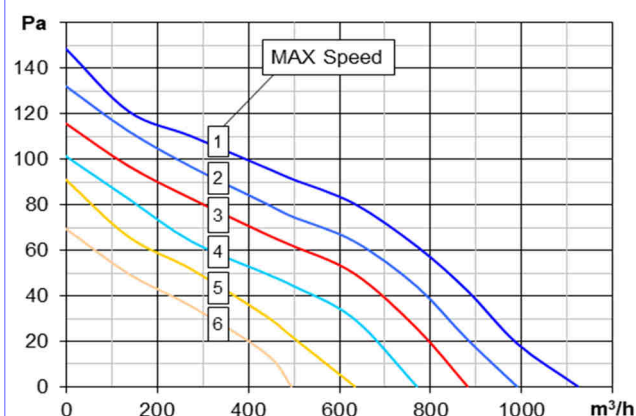
FD(S)B180Q14P5.. 50Hz



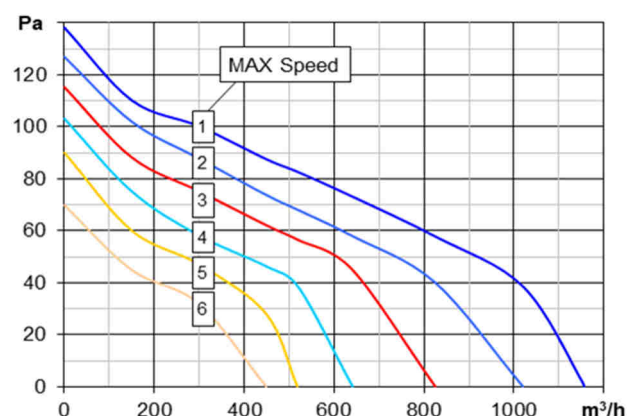
Performances curves

Double fan-deck blowers

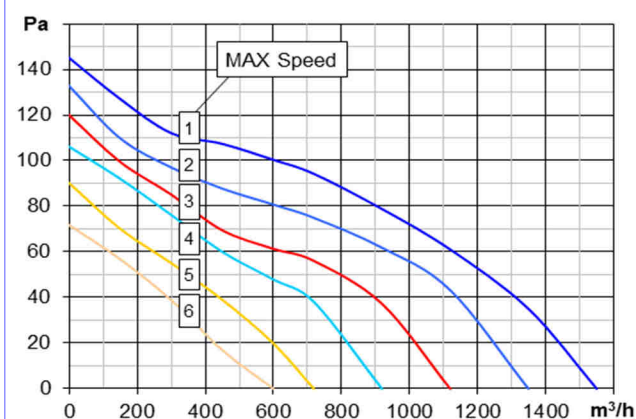
FCB145M14L4.. 50Hz



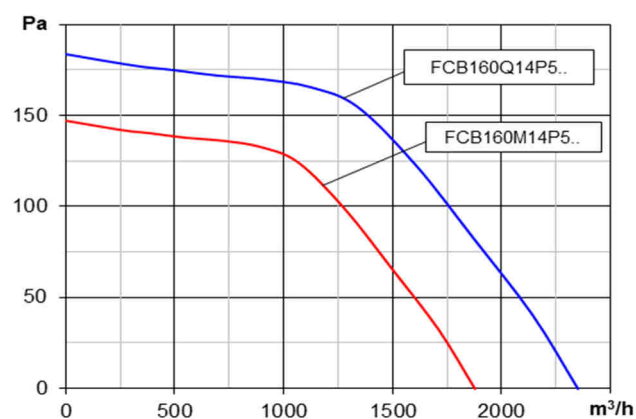
FCB145N14L4.. 50Hz



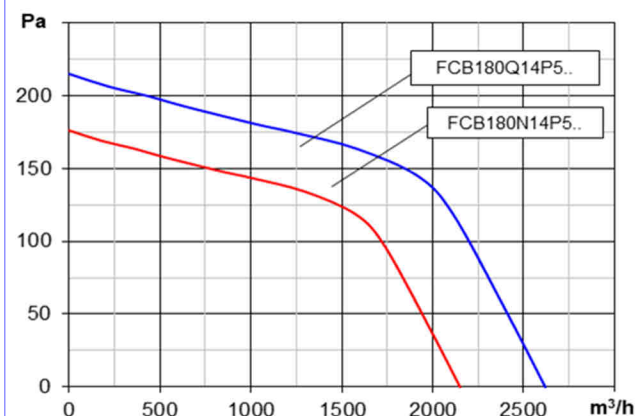
FCB145Q14L4.. 50Hz



FCB160.14P5.. 50Hz



FCB180.14P... 50Hz



Our Centrifugal blowers view

TRA-ECM – Tangential fans



Impeller Ø 60 & 80mm from L. 180 mm to 300 mm



TRA – Tangential fans



Impeller Ø 60 mm from L. 120 mm to 400 mm

OS-ECM – Centrifugal fans



Impeller Ø 133 or Ø 145 mm x L. 50 mm



OS - Centrifugal fans



Impeller Ø 96 ÷ Ø145 mm from L. 25 mm to 74 mm

FAN-COIL-ECM - Centrifugal Blowers



1 impellers Ø 145 mm from L. 176 to Ø 240 mm

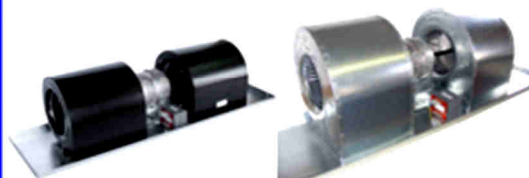


FAN-COIL – 145DN Centrifugal Blowers



1 impeller Ø 145 mm from L. 176 to Ø 300 mm

FAN-COIL – 133-200 DN Fan Deck



1 or 2 impellers Ø 133-200 mm, L. 176 ÷ 240 mm

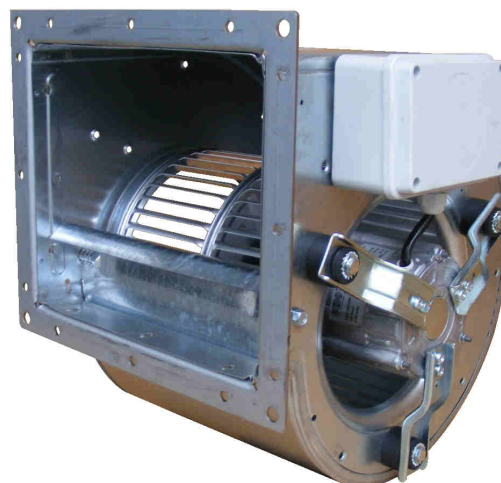
OO / OM / OMF – Centrifugal Blowers



Belt or direct driven from size 7/7 up to 18/18

Centrifugal blowers

Direct driven



Ventilatori Centrifughi

MOTORE :

4 o 6 poli a condensatore a
1 o 3 velocità, mono o trifase

CARCASSA :

Coperchi in alluminio pressofuso
Coclea in lamiera zincata

VENTOLA :

Fe.Zn a doppia aspirazione.

CONNESSIONE

Scatola di connessione, IP65,
nr.1 PG9

VOLTAGGI :

230V-50Hz. o
3 x 400V-50Hz

PROTEZIONE : IP55

ISOLAMENTO : " F "

TEMPERATURA DI UTILIZZO :

da -30° C a + 40° C

FUNZIONALITA' : (S1)

Continua in tutte le posizioni

MARCATURA : CE

in accordo a EN 60335.1
Bassa Tensione 2014/35/UE
Direttiva Macchine 2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Centrifugal blowers

MOTOR :

4 or 6 pole PSC, 1 or 3 speeds
single or threephase

HOUSING :

Die-casting aluminium body,
galvanized steel scrolls.

IMPELLER :

Fe.Zn, double inlet.

MAINS CONNECTION

Connection box, IP65
nr.1 PG9

VOLTAGE RANGE :

230V-50Hz. or
3 x 400V-50Hz

PROTECTION : IP55

INSULATION : " F "

OPERATING TEMPERATURE :

From -30° C to + 40° C

OPERATION : (S1)

Continuous in all positions

MARKED : CE

according to EN 60335.1
2014/35/UE Low Voltage
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Ventilateurs centrifuges

MOTEUR :

4 et 6 pôles à condensateur et
1 ou 3 vitesses, mono ou triphasé

CARCASSE :

Pressofusion d' aluminium
volutes en acier galvanisé.

TURBINE :

Fe.Zn, à double aspiration

CONNECTION :

Boite de connection, IP65
avec 1 x PG9

VOLTAGE :

230V-50Hz. or
3ph x 400V-50Hz

PROTECTION : IP55

ISOLATION : " F "

TEMPERATURE D'EXERCICE

de -30° C à + 40° C

TRAVAIL : (S1)

Continu en toute position

MARQUAGE : CE

en accord avec EN 60335.1
2014/35/UE Basse Tension
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Radialgebläse

MOTOR :

4 und 6 polige, 1 oder 3 Drehzahl
Einphasen oder Drehstrommotoren

VENTILATORGEHAUSE :

Druckguß Wandring Aluminium
Spiralgehäuse aus sendzimierv-
zinktem Stahlblech

LÜFTERRÄD :

aus Eisern, doppelseitig Saugend

NETZANSCHLUß :

Klemmkasten, IP65
mit 1 x PG9

SPANNUNG :

230V-50Hz oder
3ph x 400V-50Hz

SCHUTZART: IP55

ISOLATIONSKLASSE: " F "

TEMPERATUR BEREICH :

Von - 30°C bis + 40°C

BETRIEBSART : (S1)

Fortdauernd in den allen Lagen

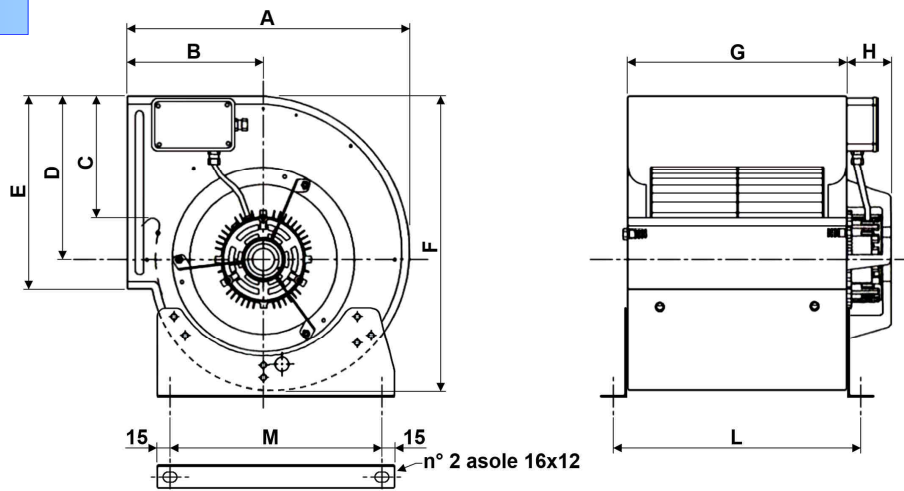
ZULASSUNGEN : CE

Abkommen mit EN 60335.1
2014/35UE
2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Centrifugal blowers

Direct driven 7/7 ÷ 12/12

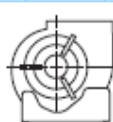
Serie OM..



Serie OM ... : 230V - 50/60Hz. o 400V 3PH - 50Hz, marcati **CE**, cl. B, conformi IEC/EN.60335-1

CODE	Size	Lable data				Dimensions									
		V.	HP	W _{out}	RPM	A	B	C	D	E	F	G	H	L*	M*
OM 77M6A5.001	7/7	230	1/10	75	850	320	160	140	190	204	327	230	60	258	225
OM 97M6C5.001	9/7	230	1/5	149	850	380	185	165	216	263	390	230	70	258	300
OM99M6C5.001	9/9	230	1/5	149	850							300	70	328	300
OM99M6D5.001	9/9	230	1/3	249	900							300	70	328	300
OM108M6F5.001	10/8	230	4/7	420	920	430	207	180	245	291	444	265	70	293	342
OM1010M6D5.01	10/10	230	1/3	249	930	430	207	180	245	291	444	330	90	358	342
OM1010M6F5.01	10/10	230	4/7	420	890										
OM1010M6H5.01	10/10	230	3/4	560	860										
OM129M6K5.001	12/9	230	1	746	940	500	240	210	290	345	522	310	90	338	408
OM1212M6H5.01	12/12	230	3/4	560	860	500	240	210	290	345	522	395	95	423	408
OM1212M6K5.01	12/12	230	1	746	860										
OM1212M6M5.01	12/12	230	1,5	1119	860										
OM1212T4M5001	12/12	400 3PH	2	1500	1300										
OM1515T6P5001	15/15	400 3PH	3	2200	920	577	275	245	345	407	618	474	55	502	495
OM77M4C5.001	7/7	230	1/5	149	1300	320	160	140	190	204	327	230	60	258	225
OM99M4F5.001	9/9	230	4/7	420	1350	380	160	165	216	263	327	230	70	328	300
OM99M4H5.001	9/9	230	3/4	560	1350	380	160	165	216	263	327	230	70	328	300
OM1010M4H5.01	10/10	230	3/4	560	1350	430	207	180	245	291	444	330	75	358	342

* gruppi con supporti e viti forniti su richiesta



Pos. 0



Pos. 90



Pos. 180

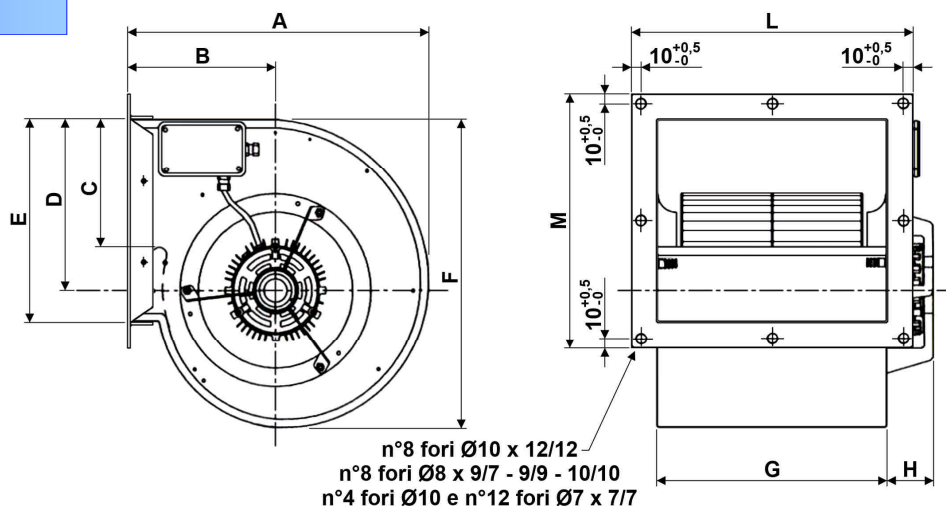


Pos. 270

Centrifugal blowers

Direct driven 7/7 ÷ 12/12 with flange

Serie OMF..



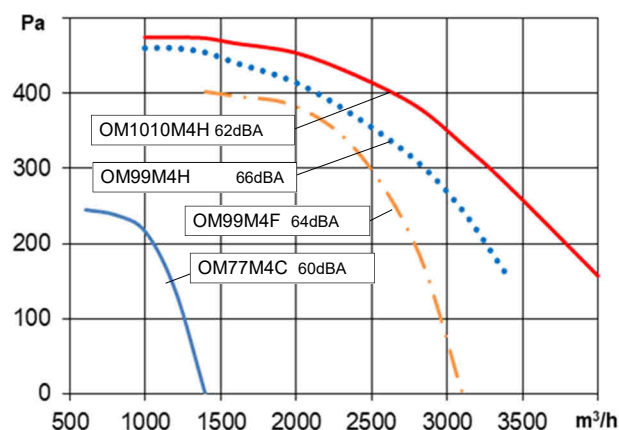
Serie OMF ... : 230V - 50/60Hz. o 400V 3PH - 50Hz, marcati , cl. B, conformi IEC/EN.60335-1

CODE	Size	Lable data				Dimensions									
		V.	HP	W _{out}	RPM	A	B	C	D	E	F	G	H	L	M
OMF77M6A5.001	7/7	230	1/10	75	900	320	160	140	190	204	327	230	60	283	252
OMF97M6C5.001	9/7	230	1/5	149	850	380	185	165	216	263	390	230	70	279	301
OMF99M6C5.001	9/9	230	1/5	149	850	380	185	165	216	263	390	300	70	345	301
OMF108M6D5.1	10/8	230	1/3	249	900	430	207	180	245	291	444	265	70	324*	351*
OMF1010M6D501	10/10	230	1/3	249	930	430	207	180	245	291	444	330	75	378	331
OMF1010M6H501	10/10	230	3/4	560	860										
OMF129M6H5.1	12/9	230	3/4	560	890	500	240	210	290	345	522	310	90	370*	400*
OMF129M6K5.1	12/9	230	1	746	900										
OMF1212M6H501	12/12	230	3/4	560	860	500	240	210	290	345	522	395	95	443	378
OMF1212M6K501	12/12	230	1	746	860										
OMF1212T6M501	12/12	400 3PH	1,5	1119	960										
OMF77M4C5.001	7/7	230	1/5	149	1300	320	160	140	190	204	327	230	60	283	252
OMF97M4F5.001	9/7	230	4/7	420	1350	380	185	160	216	263	390	230	70	279	301
OMF99M4F5.001	9/9	230	4/7	420	1350	380	185	165	216	263	390	300	70	345	301
OMF99M4H5.001	9/9	230	3/4	560	1350										
OMF108M4H5.1	10/8	230	3/4	560	1350	430	207	180	245	291	444	265	70	324*	351*
OMF1010M4H501	10/10	230	3/4	560	1350	430	207	180	245	291	444	330	75	378	331

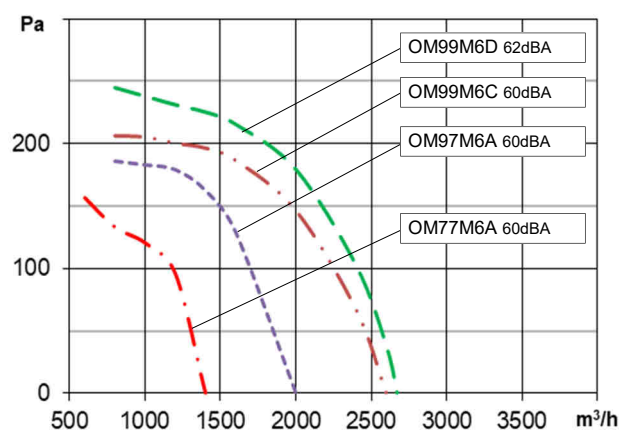
Performances curves

direct driven centrifugal blowers

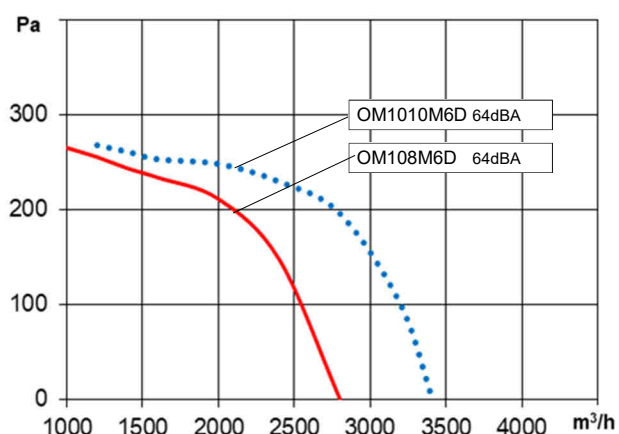
OM..7-9-10 ..M4 ... , 50Hz



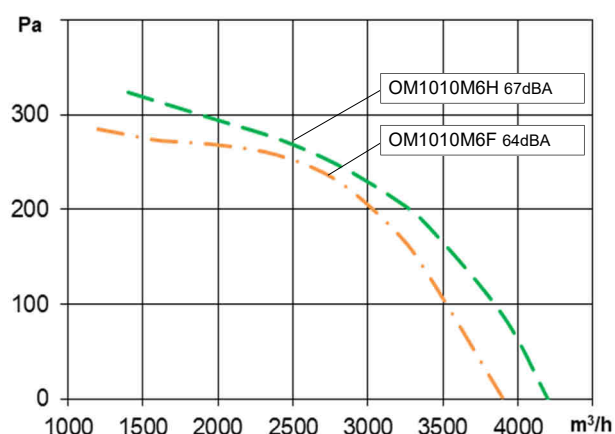
OM..7-9 ..M6 ... , 50Hz



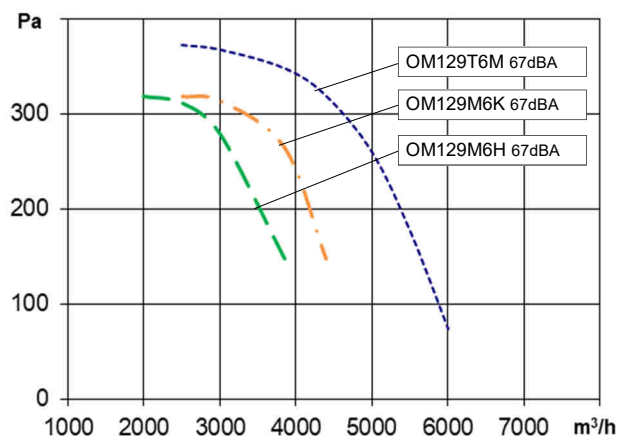
OM 108-1010 ..M6D.., 50Hz



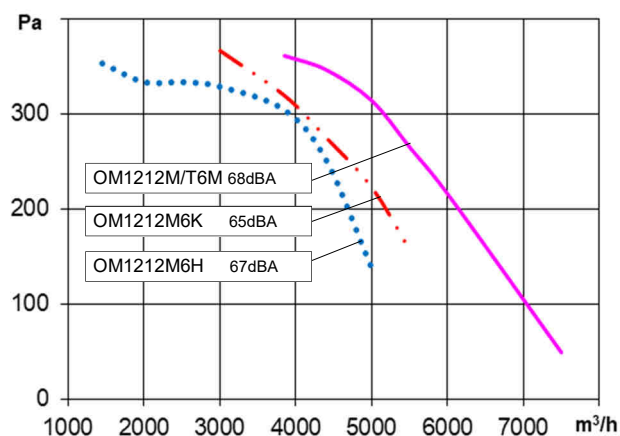
OM 1010 M6H-F.. , 50Hz



OM 129 ..6M-K-H.. , 50Hz



OM 1212 ..6M-K-H.. , 50Hz



Centrifugal blowers

Belt driven



Ventilatori Centrifughi

**VENTILATORI CENTRIFUGHI
A DOPPIA ASPIRAZIONE
TRASMISSIONE A CINGHIA**

MOTORE :
Non compreso

COCLEE :
in lamiera zincata

VENTOLA :
Fe.Zn a doppia aspirazione.

ALBERI :
Albero di trasmissione con
trattamento anti corrosivo

CUSCINETTI :
Cuscinetti a sfera con grasso
permanente ed antivibranti in gomma

TEMPERATURA DI UTILIZZO :
da -30° C a + 80° C

FUNZIONALITA' : (S1)
Continua in tutte le posizioni

MARCATURA : CE
in accordo a EN 60335.1
Bassa Tensione 2014/35/UE
Direttiva Macchine 2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

Centrifugal blowers

**BELT DRIVEN
CENTRIFUGAL BLOWERS
DOUBLE INLET**

MOTOR :
not included

SCROLL :
galvanized steel.

IMPELLER :
Fe.Zn, double inlet.

SHAFT :
Driving shaft with
anticorrosion treatment

BEARING :
Ball bearings greased for life
with antivibration rubber

OPERATING TEMPERATURE :
From -30° C to + 80° C

OPERATION : (S1)
Continuous in all positions

MARKED : CE
according to EN 60335.1
2014/35/UE Low Voltage
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Ventilateurs centrifuges

**VENTILATEURS CENTRIFUGUES
A DOUBLE ASPIRATION
TRANSMISSION PAR COURROI**

MOTEUR :
non inclus

VOLUTE :
en acier galvanisé.

TURBINE :
Fe.Zn, à double aspiration

ARBRE :
Arbre de la turbine avec
traitement anticorrosion

PALIER : (S1)
Roulements à graisse permanente
montés sur support antivibrations

TEMPERATURE D'EXERCICE
de -30° C à + 80° C

TRAVAIL : (S1)
Continu en toute position

MARQUAGE : CE
en accord avec EN 60335.1
2014/35/UE Basse Tension
2006/42/CE Machine Directive
EMC 2014/30/UE
RoHS3 2015/863

Radialgebläse

**RADIALGEBLÄSE
DOPPELSEITIG SAUGEND
KEILRIEMENANTRIB**

MOTOR :
nicht enthalten

SPIRALGEHÄUSE :
sendzimiervverzinktem Stahlblech

LÜFTERRÄD :
aus Eisen, doppelseitig Saugend

WELLE :
Kraftübertragungswelle mit
Rostschutzbehandlung

LAGERUNG :
Kugellager schwingungs isoliert
aufgehängt

TEMPERATUR BEREICH :
Von -30°C bis +80°C

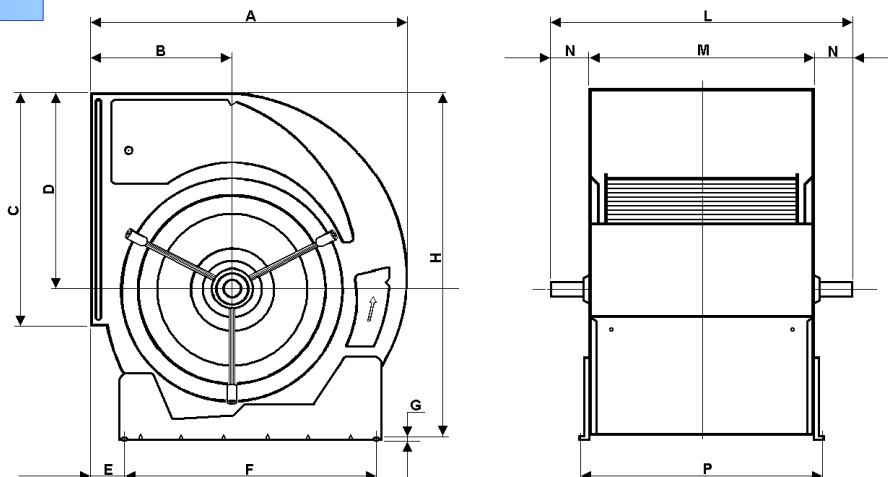
BETRIEBSART : (S1)
Fortdauernd in den allen Lagen

ZULASSUNGEN : CE
Abkommen mit EN 60335.1
2014/35/UE
2006/42/CE
EMC 2014/30/UE
RoHS3 2015/863

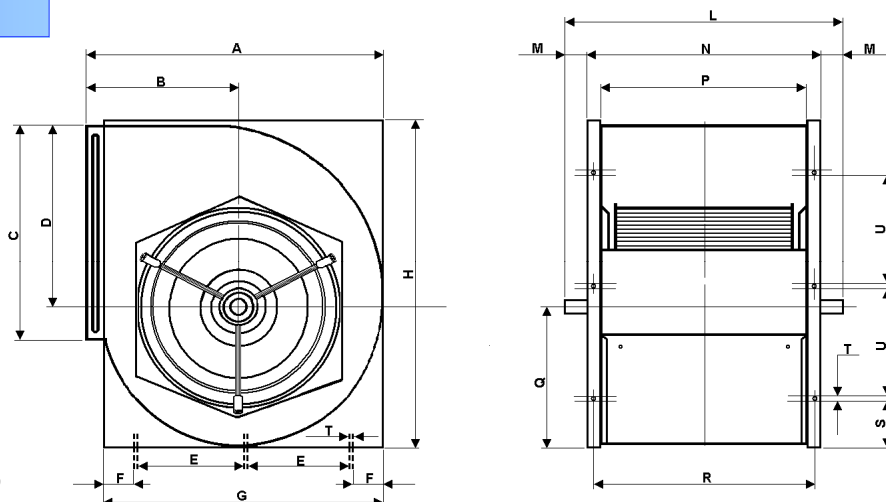
Centrifugal blowers

Belt driven 7/7 ÷ 18/18

Serie OO..



Serie OC..



**Reinforced body
con telaio di rinforzo**

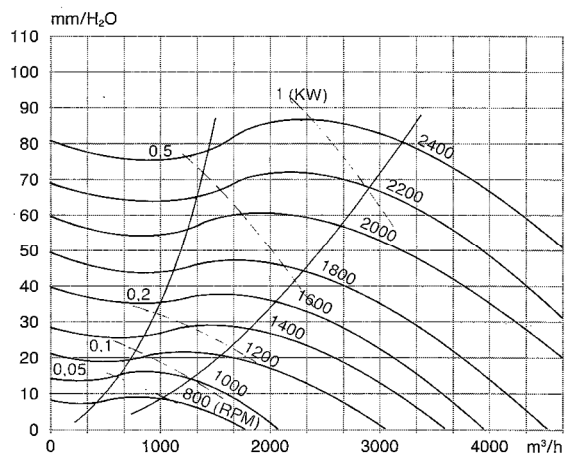
Serie OO/OC: con telaio di rinforzo

CODE	Dimensions																
	A	B	C	D	E	F	G	H	L	M	N	P	Q	R	S	T	U
OO.7.7	317	153	208	186	50	245	15	327	370	230	70	260					
OO.9.7	378	184	260	216	67	245	12	388	370	230	70	260					
OO.9.9	378	184	260	216	67	245	12	388	440	300	70	330					
OO.10.8	420	198	290	250	70	350	27	444	405	265	70	295					
OO.10.10	420	198	290	250	70	350	27	444	470	330	70	360					
OO.12.9	490	230	340	290	80	350	23	520	460	310	75	340					
OO.12.12	490	230	340	290	80	350	23	520	545	395	75	425					
OO.15.15	576	270	404	343	64	495	15	610	630	473	78,5	502					
OO.18.18	686	310	483	413	87	495	19	740	728	555	78,5	585					
OC99	383	184	260	216	135	30	352	397	440	40,5	351	300	180	330	49	10	135
OC1010	426	198	290	250	152	30	398	455	470	49	380	330	205	370	61	10	152
OC1212	497	230	340	290	195	30	468	534	546	47,5	446	396	243	424	58	10	195
OC1515	585	270	404	343	200	60	553	628	630	71,5	533	473	285	503	99	10	200
OC1818	685	310	483	413	250	60	653	748	728	81,5	616	556	335	586	109	10	250

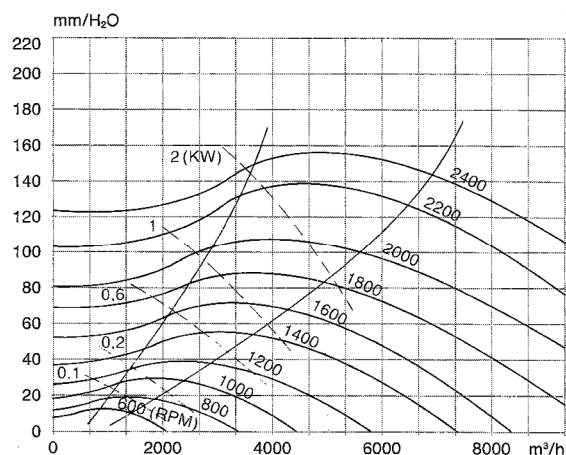
Performance curves

Belt driven 7/7 ÷ 12/12

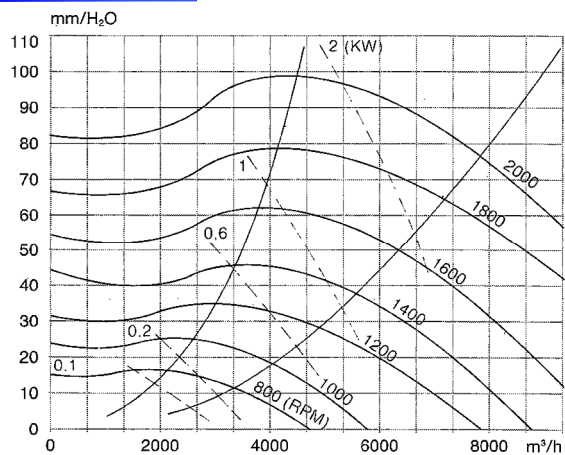
OO - OC.7.7



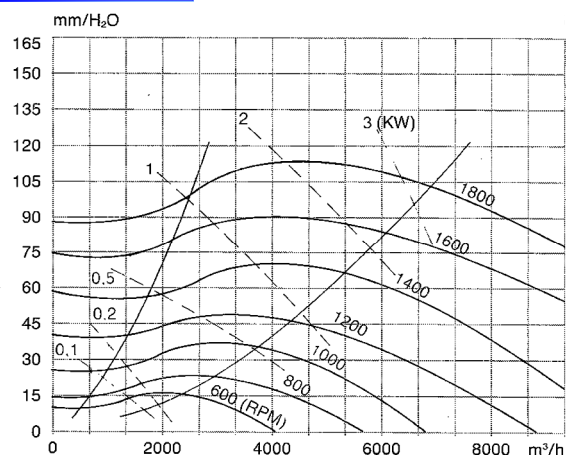
OO - OC.9.7



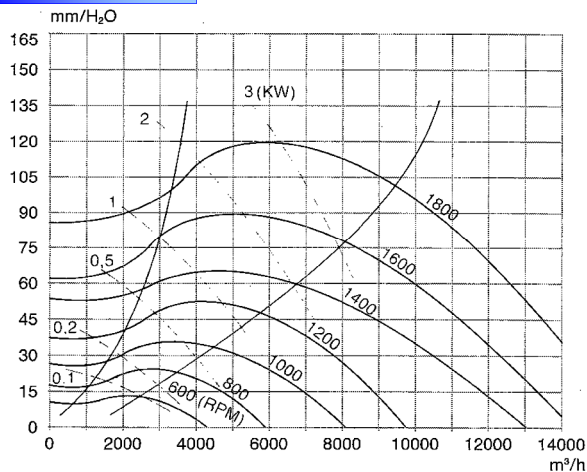
OO - OC.9.9



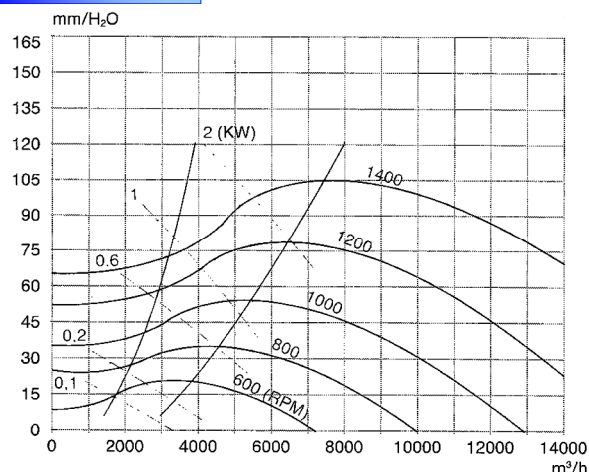
OO - OC.10.8



OO-OC.10.10



OO-OC .12.12



Performance curves

Belt driven 12/12 ÷ 18/18

