

Catalogo Generale Personalizzati

General Customized 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

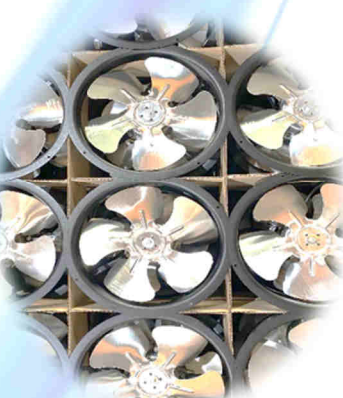
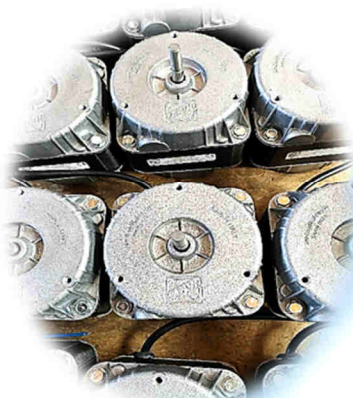
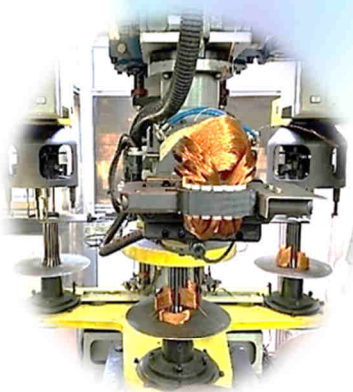
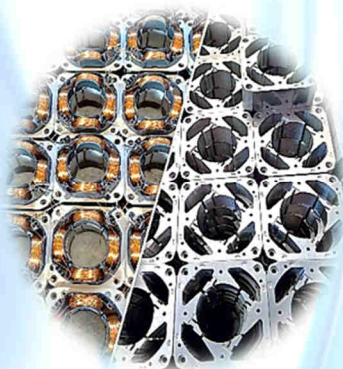
Unser Katalog präsentiert Baureihen kleiner Ventilatoren :

- 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

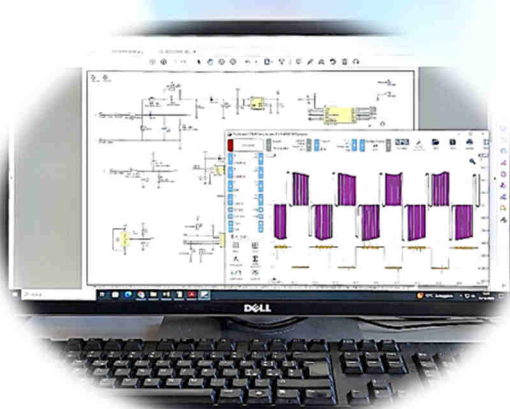
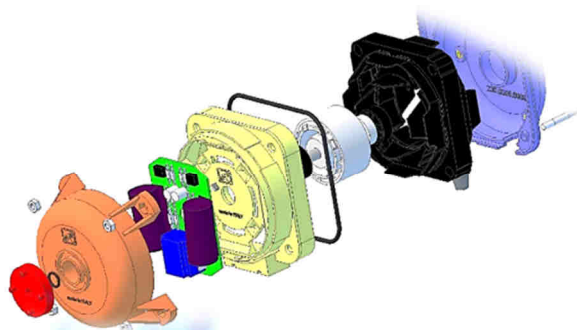
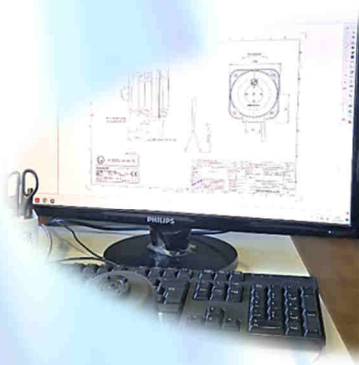
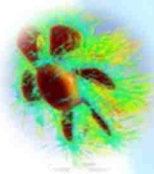
MA-VIB SpA

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Tel +39.02.95474.03 ra.

Sales office: Italy = ita@mavib.com / Export = expo@mavib.com

for all your needs we support and study with you



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

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Indice Generale Personalizzazioni

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ECM Motors 82x82		230Vac 50/60Hz	
Pag.	08	Multi Use	5W. ÷ 50W / 2500 ÷ 600 rpm
2 or 4 pole Motors 82x82		230Cac. 50/60Hz.	
Pag.	10	Multi Use	65W. ÷ 110W / 1300 rpm or 2800 rpm
	11	Mixer & Pump	25W. ÷ 220W / 1300 rpm or 2800 rpm
	12	High Temperature	28W. ÷ 93W / 1300 rpm
	13	Gear Box	114W. ÷ 270W / 1300 rpm or 2800 rpm
	14	Milk Mixer / churn	25W. ÷ 28W / 1300 rpm
	15	Hair dryer	90W. ÷ 220W / 1300 rpm or 2800 rpm
4 or 6 pole Motors P-102 & G-120		230Cac. 50/60Hz. or 400Vac. 3PH 50/60Hz	
Pag.	16	Multi Use P4 Y	165W. ÷ 280W / 1350 rpm - 230Vac
		G4 Y	340W. ÷ 440W / 1450 rpm - 230Vac
		P6 Y	110W. ÷ 165W / 950 rpm - 230Vac
		G6 Y	215W. ÷ 285W / 950 rpm - 230Vac
		P4 J	200W. ÷ 275W / 1350 rpm - 400Vac - 3PH
		G4 J	370W. ÷ 570W / 1450 rpm - 430Vac - 3PH
Vacuum & Compressor Pump		230Vac. 50/60Hz.	
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	18	LPM 10: Vacuum	800 mbar / Pressure 1800 mbar
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Axial Impellers		from Ø 60mm to Ø 500mm	
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Centrifugal Wheels		from Ø 76mm to Ø 238mm Lader costruction	
Pag.	31	Sinle inlet	
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ECM motors customized 5 W. ÷ 50W.



- EA = 1 speed – 1350 rpm
- ED = 1 speed – 1350 rpm reverse on demand
- EE = 1 speed – 1350 rpm reverse on start
- EB = 2 speeds – 2100 or 1600 / 1350 rpm
- EC = variable speed 2500 or 1600 ÷ 800 rpm electrically isolated
by external signal PWM or 0÷10Vdc.
and output open collector signal



MA-VIB SpA

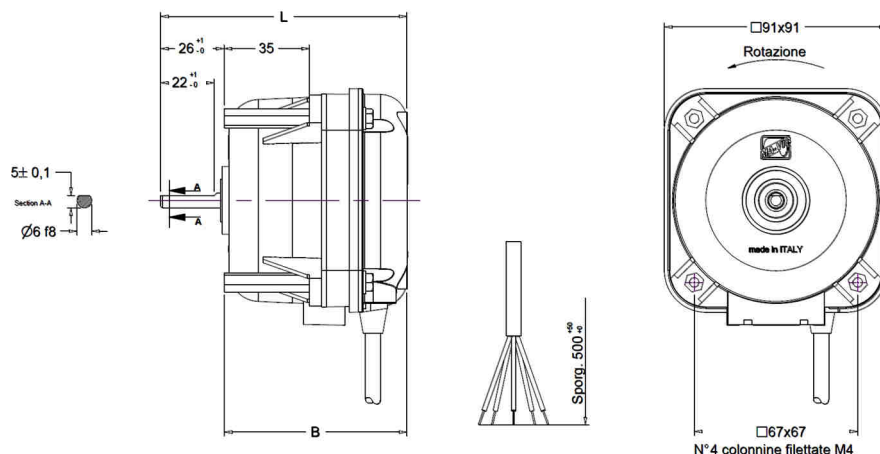
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Sales Office: Italy = ita@mavib.com Export = expo@mavib.com



ECM Customized motors 08-15-21

multi use

Serie ECM customized



Electronic Commutated Motor 08 / 15 / 21 - 230 V – 50/60Hz

Operation mode	S1	IP protection	44 (on demand 54)	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	600034-1(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. live 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

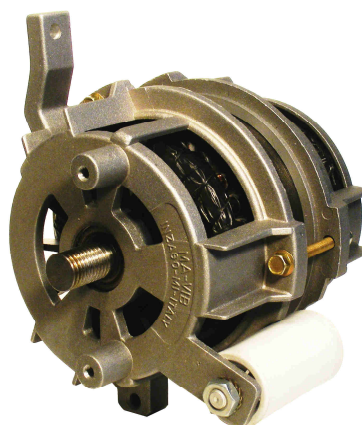
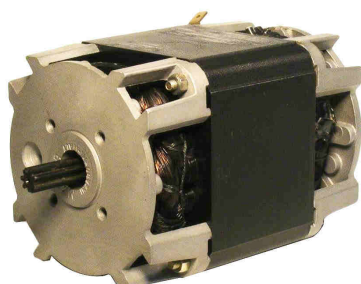
on demand different rpm are available

Serie ECM Customized 230V-50/60Hz.

CODE	Electric data				note	Dimensions					Fig.
	A	W _{in}	RPM	Prot.		A	B	C	L	H	
F15EB0000VAB0	0,26	24	1500/1100	Electr.	2 speed		75		101	13	1
F21EB0000VAB1	0,36	55	1500/1100	Electr.	2 speed		92		118	30	
F15EC0000VAB0	0,26	24	1500+600	Electr.	Variable speed		75		101	13	
F21EC0000VAB1	0,36	55	1500+600	Electr.	Variable speed		92		118	30	

on demand shaft Ø x L can be customized for you need

Customized motors



Motori Personalizzati

MOTORE :

2 o 4 poli schermati o condensatore

CARCASSA :

Coperchi in alluminio pressofuso
boccaglio, staffe e reti in Fe

CONNESSIONE

Cavo 3 x 0,75 x L 500 mm
su richiesta :
Scatola di connessione, nr.1 PG9

VOLTAGGI :

230V-50/60Hz. o 3ph x 400V

PROTEZIONE :

IP20
su richiesta : IP44 - IP54

ISOLAMENTO :

" B "

TEMPERATURA DI UTILIZZO :

da -25° 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

Customized motors

MOTOR :

2 or 4 Pole, PSC version

HOUSING :

Die-casting aluminium body,
metal support, ring, fanguard

MAINS CONNECTION

Cable 3 x 0,75 x L 500 mm
on request
Terminal box with 1 x PG9

VOLTAGE RANGE :

230V-50/60Hz. or 3 x 400V

PROTECTION :

IP20
on request : IP44 - IP54

INSULATION :

" B "

OPERATING TEMPERATURE :

From -25° 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

Moteurs personnalisés

MOTEUR :

2 et 4 pôles à condensateur

CARCASSE :

Pressofusion d' aluminium
support, virole et grille en metal

CONNECTION :

Cable 3 x 0,75 x L 500 mm
sur demande
Boite de connection avec 1 x PG9

VOLTAGE :

230V-50/60Hz. ou 3 x 400V

PROTECTION :

IP20
sur demande : IP44 - IP54

ISOLATION :

" B "

TEMPERATURE D'EXERCICE

de -25° 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

Personifizierte Motoren

MOTOR :

2 oder 4 polige Kondensatormotoren

VENTILATORGEHAUSE :

Druckguß Wandring Aluminium
Fuß, Ring, Schutzgitter aus Eiser

NETZANSCHLUß :

Kabel 3 x 0,75 x 500 mm lang
auf Anfrage
Klemmkasten mit 1 x PG9

SPANNUNG :

230V-50/60Hz. o 3ph x 400V

SCHUTZART: IP20

auf Anfrage: IP44 - IP54

ISOLATIONSKLASSE: " B "

TEMPERATUR BEREICH :

Von - 25°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

Customized motors

PSC 4 & 2 pole

Serie 30.82 close caps

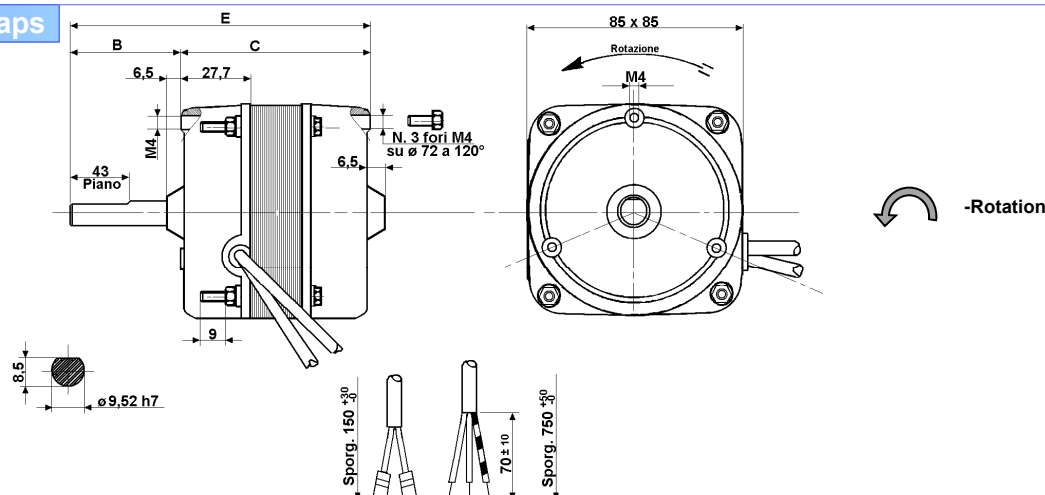


Fig.1

Serie 30.82 open caps

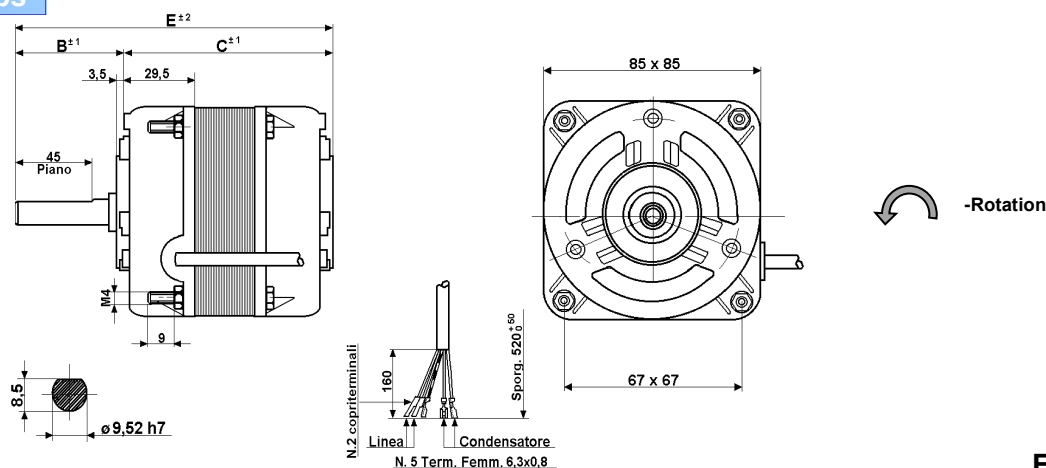


Fig.2

Serie 30.82 ... : 230V - 50/60Hz - marcati  classe B , in accordo a EN.60335.1

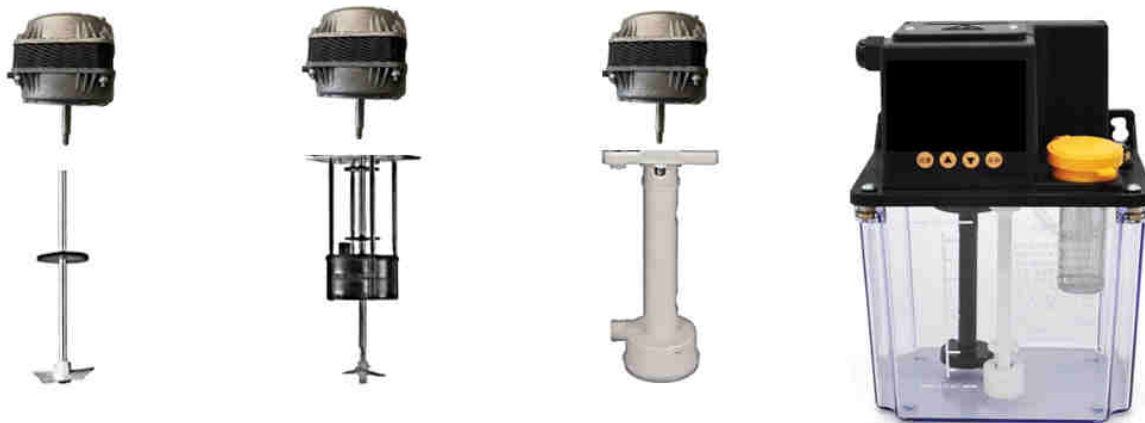
CODE	Lable data						Dimensions			Fig.
	A.	W _{in}	W _{out}	RPM	Prot.	μF	B	C	L	
30.82.226.01	0,3	65	32	2800	Therm.	2	61	75,5	136,5	1
30.82.237.02	0,65	140	68	2800	Therm.	3,15	64	85,5	149,5	
30.82.225.10	0,9	210	85	2800	Therm.	5	64	95,5	159,5	
30.82.237.01	0,65	140	72	2800	Therm.	3,15	53	89	136	2
30.82.446.01	0,3	68	30	1300	Therm.	2	61	75,5	136,5	1
30.82.452	0,52	110	50	1300	Therm.	3,15	64	85,5	149,5	

on demand shaft Ø x L can be customized for you need

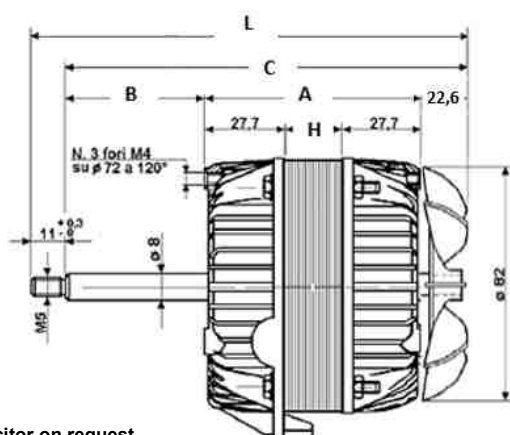
Customized motors

2 or 4 pole Mixer & Pump

Mixer & Pump



Mixer & Pump



Capacitor on request

Fig. 1

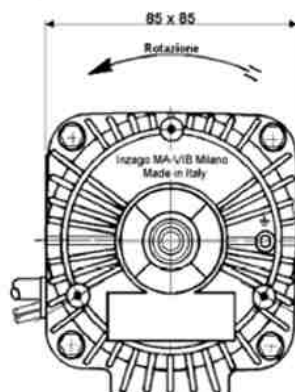


Fig. 2



Serie Mixer & Pump motors: 230V - 50/60Hz - marcati  , classe B, in accordo a EN.60335.1

CODE	Lable data					cooling Ø 82	Dimensions					Fig.
	A	W _{in}	RPM	µF	Prot.		A	B	C	L	H	
F25Y000004A09	0,78	25/110	1300	-	Therm.	No	87,5	28,5		116	40	1
L43Y000004Axx	0,50	93	1300	2,5	Therm.	Yes	85,5	78,0	185,6	196,6	30	
L22YX00004A00	0,33	73	2800	2,0	Therm.	Yes	75,4	88,0	185,6	196,6	20	
L24Y000004Axx	0,40	85	2800	3,15	Therm.	close	95,4	68,0	185,6	196,6	40	
L25Y000004Axx	0,93	220	2800	5,0	Therm.	close	107,4	56,0	185,6	196,6	52	
			capacitor on demand						open caps on demand			2

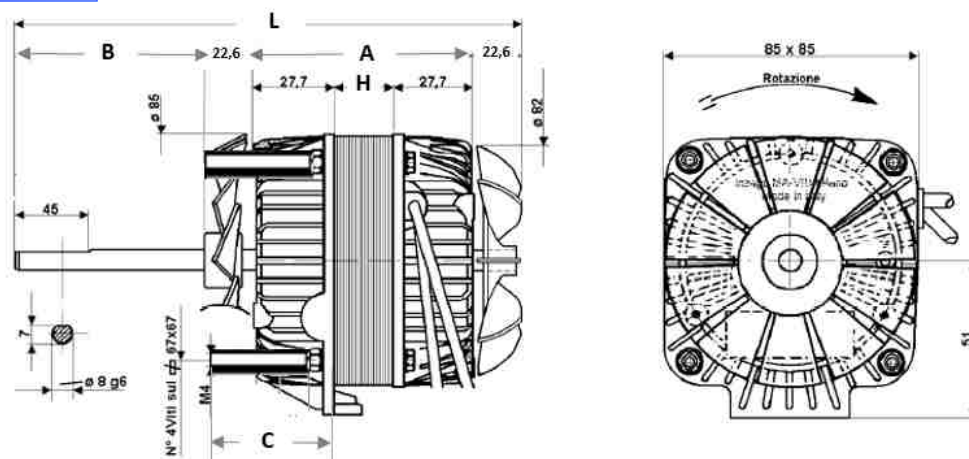
on demand shaft Ø x L can be customized for you need

ECM version also available

Customized motors

4 pole high temperature blowers

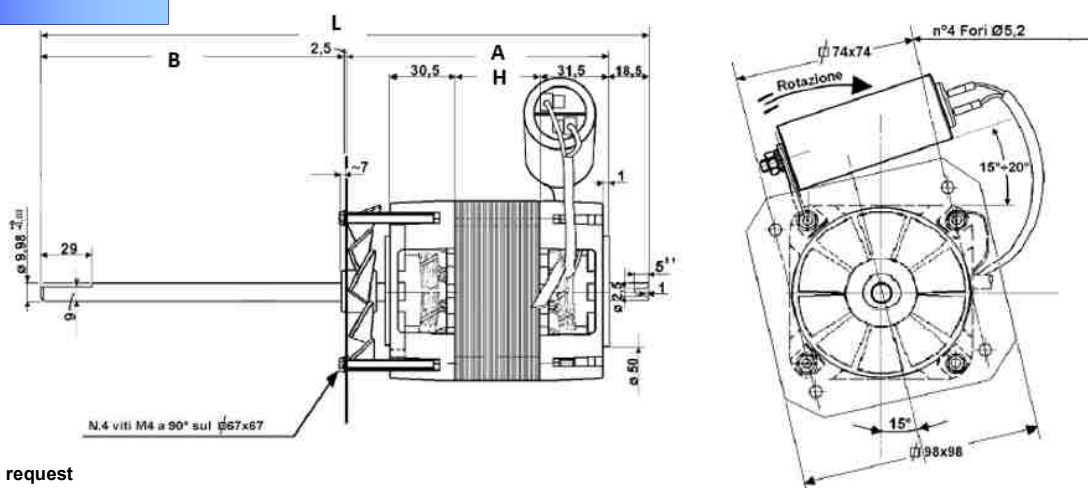
Motor



Capacitor on request

Fig.1

Motor



Capacitor on request

Fig.2

Serie High Temperature motors : 230V - 50/60Hz - marcati  , classe B, in accordo a EN.60335.1

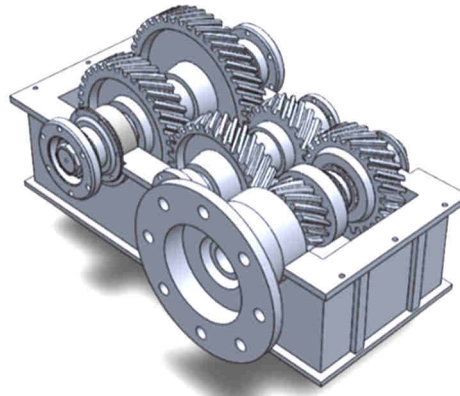
CODE	Lable data					note	Dimensions					Fig.
	A	W _{in}	RPM	μF	Prot.		A	B	C	L	H	
30.82.430.06	0,40	93	1300	2,5	Therm.		85,4	103	49,7	233	30	1
L43Y000007401	0,13	28	1400	4,0	Therm.		106	144		271	30	2

on demand shaft Ø x L can be customized for you need

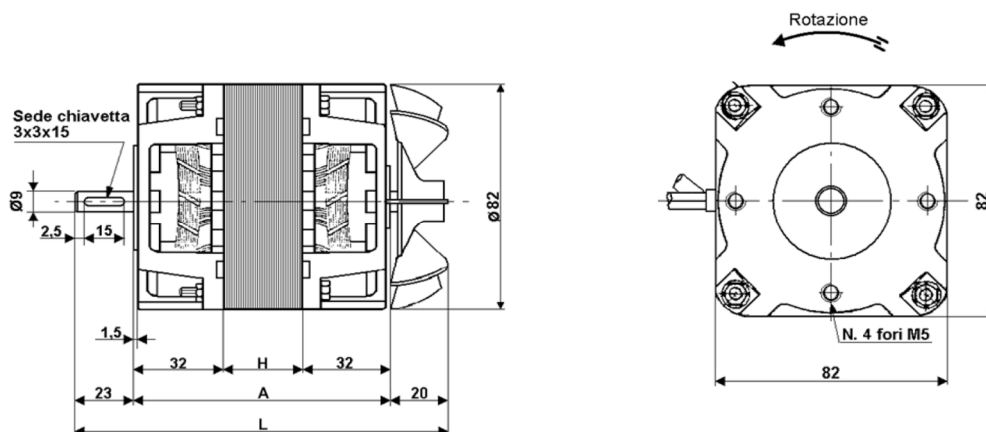
Customized motors

PSC 2 or 4 pole Gear box

Gear



Gear Motors



Capacitor on request

Fig.2

Serie Gear Motors : 230V - 50/60Hz - marcati  , classe B, in accordo a EN.60335.1

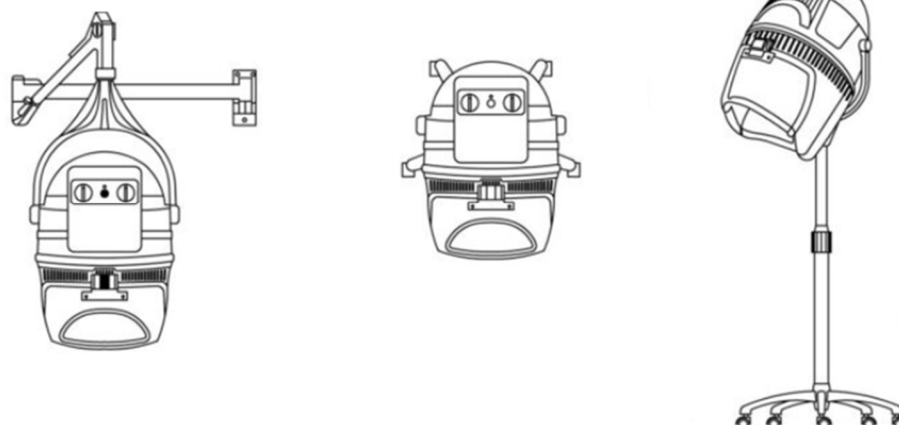
CODE	Lable data					note	Dimensions					Fig.
	A	W _{in}	RPM	μF	Prot.		A	B	C	L	H	
L43Y-GB-454	0,56	114	1300	3	Therm.	S2/10	91			114	30	1
L45Y-GB-401.03	0,76	165	1300	4	Therm.	S2/10	116			139	52	
L24Y-GB-268	0,9	200	2800	5	Therm.	S2/10	101			124	40	
L25Y-GB-259	1,2	277	2800	10	Therm.	S2/10	116			139	52	

Only on demand

Customized motors

hair dryer

Hair dryer



Hair dryer motors

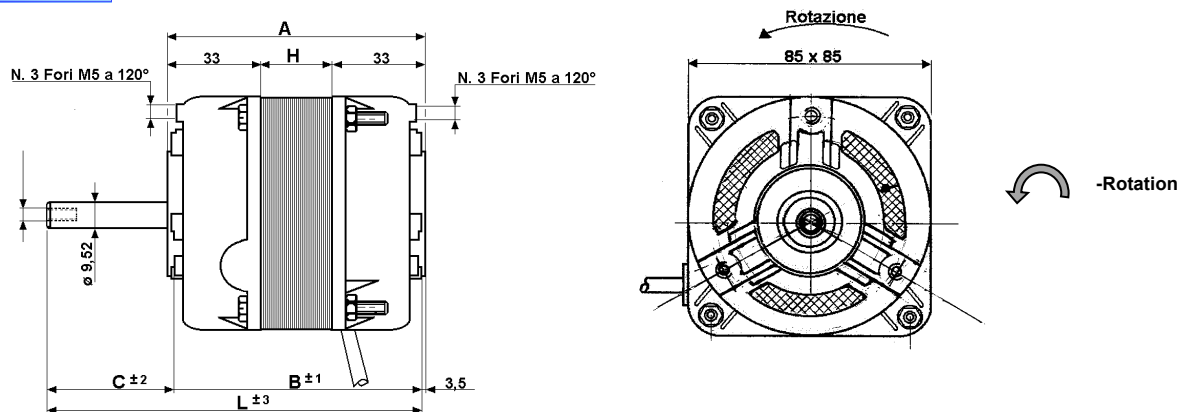


Fig.1

Serie Hair drey motors: 230V - 50/60Hz - marcati , classe B, in accordo a EN.60335.1

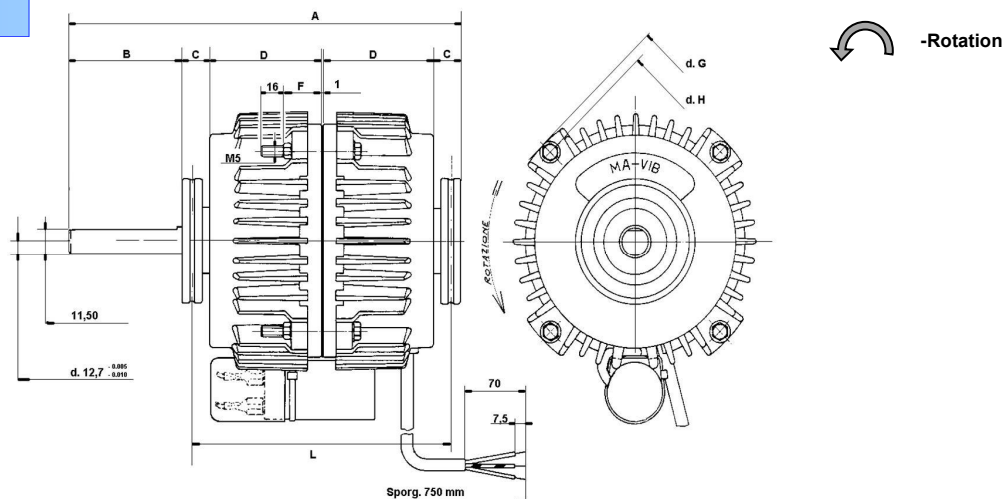
CODE	Lable data						Dimensions					Fig.
	A.	W _{in}	RPM	μF	Prot.	Note	A	B	C	L	H	
F.16390	0,58	90	1300	-	-		96	89	55	144	30	1
F.16390.C	0,58	90	1300	-	Therm.		96	89	55	155	30	
F.16403.2V	0,64	100	1300	-	Therm.	dual speed	106	99	55	155	40	
30.82.452...	0,52	110	1300	3,15	Therm.	bidirectional	96	89	55	144	30	
30.82.244...	0,96	220	2800	6,3	Therm.	bidirectional	118	111	43	155	52	

ECM version also available

Universal motors 4 or 6 pole

PSC or 3PH multi fixing

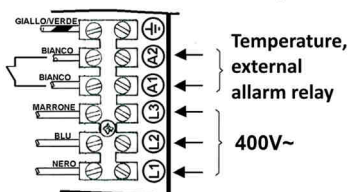
Serie P (102) & G (120)



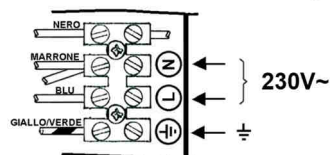
Serie P (102) & G (120) : marcati **CE**, cl. B, conformi IEC/EN.60335-1

CODE	Electric data							Dimensions								Impeller	
	V. / Hz.	A	W _{in}	W _{out}	RPM	Prot.	μF	A	B	C	D	F	G	H	L	max ø	Incl, °
P43Y0 ...	230 / 50-60	0,85	165	85	1350	Them.	3,15	197	57	13,5	56	18,5	133	122	130,5	350	33
P45Y0 ...	230 / 50-60	1,2	280	150	1350	Them.	5	197	57	13,5	56	18,5	133	122	130,5	400	27
G46Y0 ...	230 / 50-60	2,20	340	170	1450	Them.	8	239	77	20,5	60	24	153	142	149,5	450	27
G46Y0 ...	230 / 50-60	2,15	440	260	1400	Them.	12,5	270	108	20,5	60	24	153	142	149,5	500	27
P63Y0 ...	230 / 50-60	0,45	110	50	950	Them.	3,15	197	57	13,5	56	18,5	133	122	130,5	350	33
P65Y0 ...	230 / 50-60	0,75	165	80	950	Them.	5	197	57	13,5	56	18,5	133	122	130,5	400	33
G66Y0 ...	230 / 50-60	1,45	215	100	950	Them.	4	239	77	20,5	60	24	153	142	149,5	450	33
G66Y0 ...	230 / 50-60	1,55	285	135	925	Them.	6,3	270	108	20,5	60	24	153	142	149,5	500	33
P43J0 ...	3PH 400/50	0,38	200	90	1300	Them.		197	57	13,5	56	18,5	133	122	130,5	350	33
P45J0 ...	3PH 400/50	0,56	275	170	1400	Them.		223	83	13,5	56	18,5	133	122	130,5	400	27
G66J0 ...	3PH 400/50	1,25	570	-	1375	Them.		239	77	20,5	60	24	153	142	149,5	450	27
G66J0 ...	3PH 400/50	1,25	570	-	1375	Them.		270	108	20,5	60	24	153	142	149,5	500	27

CONNECTION DIAGRAM - 3ph



CONNECTION DIAGRAM - 1ph



Vacuum & Compressor

Pumps



Gruppi pompa

MOTORE :

2 o 4 poli schermati o condensatore

CARCASSA :

Supporti in alluminio pressofuso o plastica. Particolari in movimento in plastica speciale

CONNESSIONE

Faston 6,3x0,8 o cavo 0,75 x 500 mm

VOLTAGGI :

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

PROTEZIONE :

IP20

ISOLAMENTO : " B "

TEMPERATURA DI UTILIZZO :

da -25° C a + 40° C

FUNZIONALITA' :

(S1) = Continua in tutte le posizioni
(S2) = xx min OFF / yy min. ON

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

Pumps

MOTOR :

2 o 4 pole, shaded pole or capacitor version

HOUSING :

Supports in diecast aluminium or plastic. Moving parts in special plastic.

MAIN CONNENTION

Terminals 6,3x0,8 or 0,75 x 500 mm cable

VOLTAGE RANGE :

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

PROTECTION :

IP20

INSULATION : " B "

OPERATING TEMPERATURE :

From -25° C up to + 40° C

OPERATION :

(S1) = Continous in all positions
(S2) = xx min OFF / yy min. ON

MARKED: CE

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

Pompes

MOTEUR :

2 ou 4 pôles "shaded pole" ou à condensateur

CARCASSE :

Support en pressofusion d'aluminium ou plastique. Pièces en mouvement en plastique spéciale

CONNECTION :

Cosses 6,3x0,8 ou câble 0,75 x 500 mm

VOLTAGE :

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

PROTECTION :

IP20

ISOLATION : " B "

TEMPERATURE D'EXERCICE

de -25° C à + 40° C

TRAVAIL :

(S1) = Continu en toute position
(S2) = xx min OFF / yy min. ON

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

Pumpen

MOTOR :

4 polige Spaltpol oder Kondensatormotoren

VENTILATORGEHAUSE :

Druckß Wandring Aluminium oder Plastik. Stücke in Bewegung aus Plastik speziell.

NETZANSCHLUß :

Faston 6,3x0,8 oder Kabel 0,75 x 500 mm

SPANNUNG :

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

SCHUTZART:

IP20

ISOLATIONSKLASSE: " B "

TEMPERATUR BEREICH :

Von -25° C bis + 40° C

BETRIEBSART :

(S1) = Fortdauernd in den allen Lagen
(S2) = xx min OFF / yy min. ON

ZULASSUNGEN : CE

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

Vacuum & Compressor

Pumps EPC(V)

Serie EPC(V)30.70...

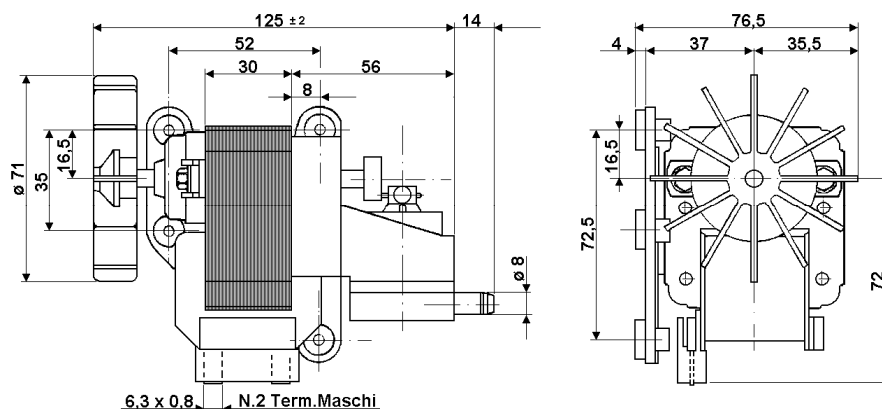


Fig.1

Serie EPC(V)30.08...

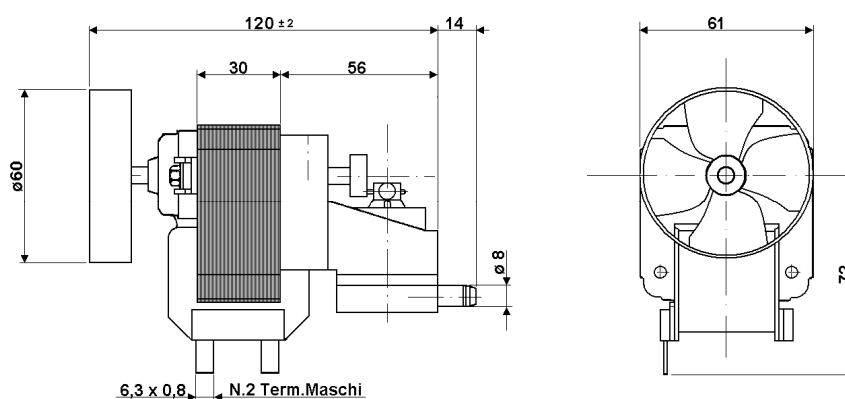


Fig.2

Serie Vacuum & Compressor: marcati  in accordo a EN.60335.1

CODE	V.	Pressure	Vacuum	Operating mode	Performance	N° cylinder	Cooling	Fig.
		mbar	mbar		LPM			
EPC30.70...	230 - 50Hz	1800	-	S2 (8 min)	10	1	+	1
EPV30.70...	230 - 50Hz	-	800	S2 (8 min)	10	1	+	
EPC30.08...	230 - 50Hz	1800	-	S2 (8 min)	10	1	+	2
EPV30.08...	230 - 50Hz	-	800	S2 (8 min)	10	1	+	

Vacuum & Compressor

Pumps EPC(V)LC

Serie EPC(V)LC.08...

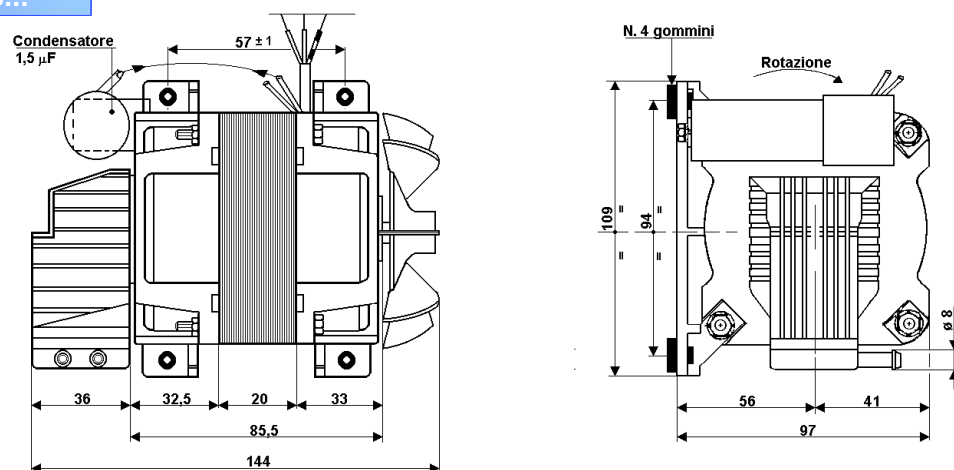


Fig.3

Serie EPC(V)2LC.08...

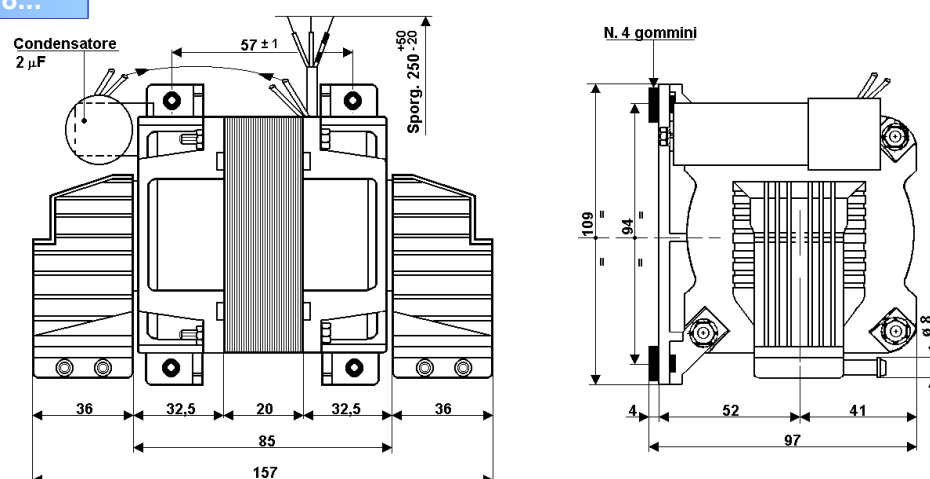


Fig.4

Serie Vacuum & Compressor: marcati in accordo a EN.60335.1

CODE	V.	Pressure	Vacuum	Operating mode	Performance	N° cylinder	Cooling	Fig.
		mbar	mbar		LPM			
EPCLC.08...	230 - 50Hz	1800	-	S1	12	1	+	3
EPVLC.08...	230 - 50Hz	-	800	S1	12	1	+	
EPC2LC.08	230 - 50Hz	2000 (parallel)	-	S2 (30 min)	24	2	-	4
		4500 (serial)			12			
EPV2LC.08	230 - 50Hz	-	800 (parallel)	S2 (30 min)	24	2	-	
			900 (serial)		12			

Our Customized item view

ECM –Motors



from. 8W to 110W



AC – Motors



2 or 4 pole from 50W to 200W

EPV – Vacuum & Compressor pumps



-0.7 ÷ -0.9 or +1.5 ÷ +4.5Bar; 10 ÷ 25L/min.

VE / VC – Axial & Centrifugal Impellers



Ø 96 ÷ Ø 500 mm

Ø 96 ÷ Ø 300 mm

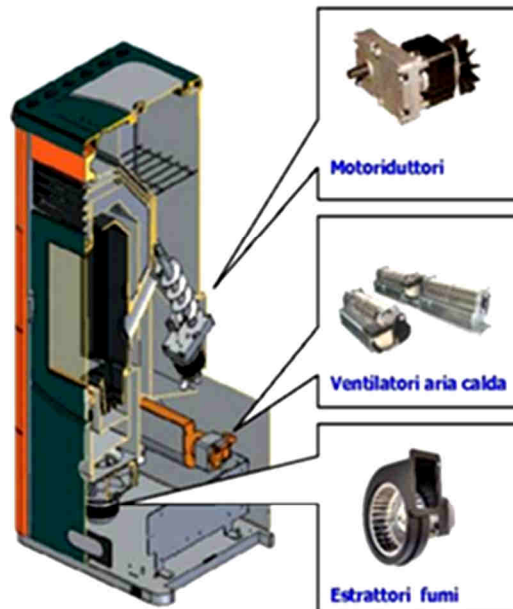
CUSTOMIZED motors



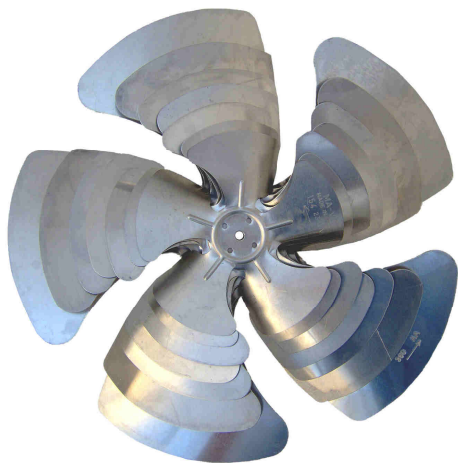
2 or 4 pole from 50W to 200W

2 or 4 or 6 pole from 160W to 570W

CUSTOMIZED Hot temperature



Impellers & Wheels



Ven. assiali centrifughe

Ventole assiali in plastica e alluminio e ventole centrifughe in alluminio.

Fan blades and wheels

Aluminium and plastic
Fan blades ,
Aluminium fan wheels

Hélices et turbines

Hélices hélicoïdes en aluminium
ou en plastique et turbines
centrifuges en aluminium.

Flügel und Lüfterräder

Axial Flügel aus Aluminium oder
aus Plastik und Radial Lüfterräder
aus Aluminium.

Plastic impellers

Serie ELP4 ..

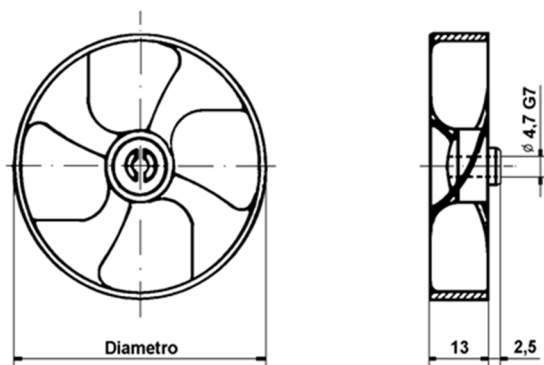


Fig. 1

Serie VCP ..

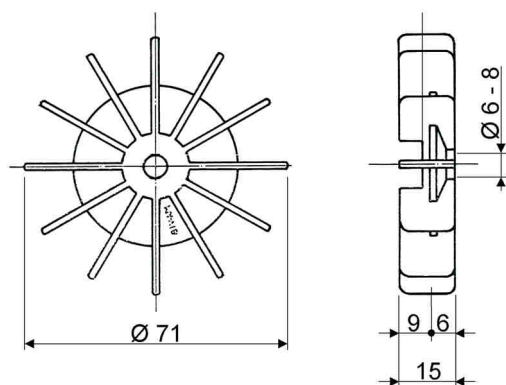


Fig. 2

Serie ELP3 ..

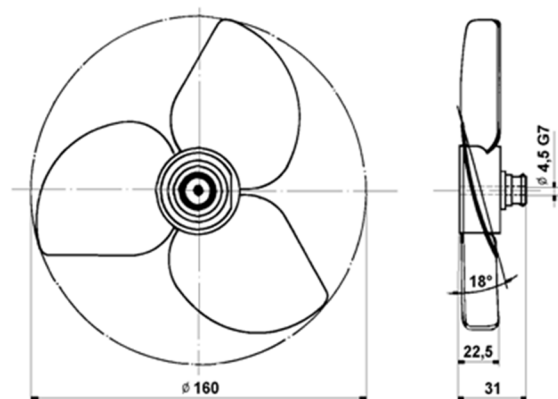


Fig. 3

Serie ELP5 ..

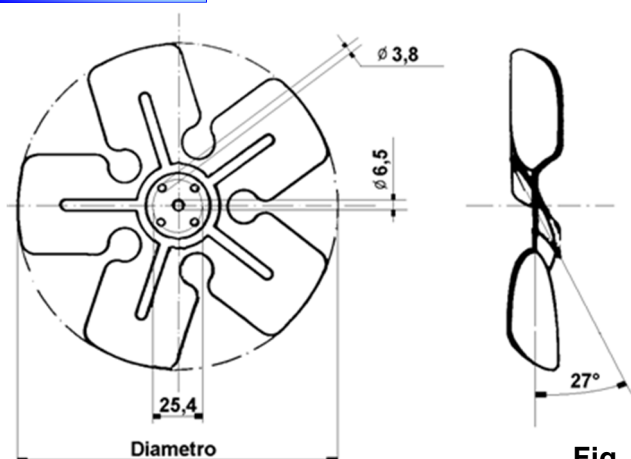


Fig. 4

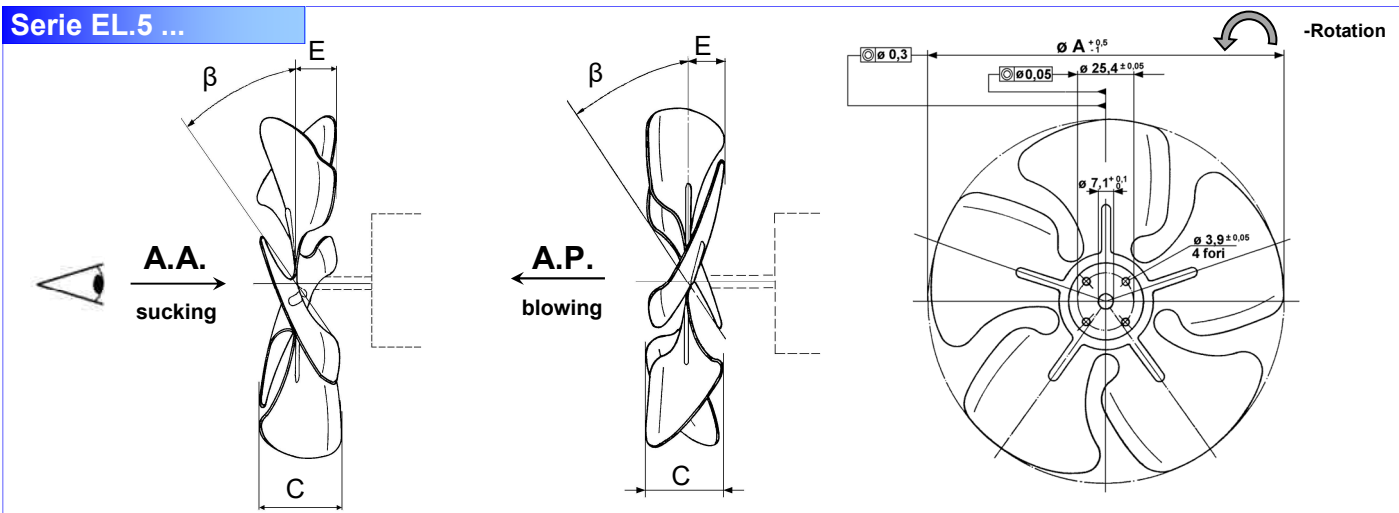
Serie EP .. ELP ...

CODE	Descrizione	Fig.
ELP.4.60 ...	Ventola in plastica con anello Ø 60	1
ELP.4. ...	Ventola in plastica Ø 100	2
ELP.3.160-18	Ventola in plastica Ø160 a 18° con mozzo in alluminio	3
ELP.5.172-27	Ventola in plastica Ø 172 a 27°	4
ELP.5.200-27	Ventola in plastica Ø 200 a 27°	4

Aluminium impeller

5 blades

Serie EL.5 ...



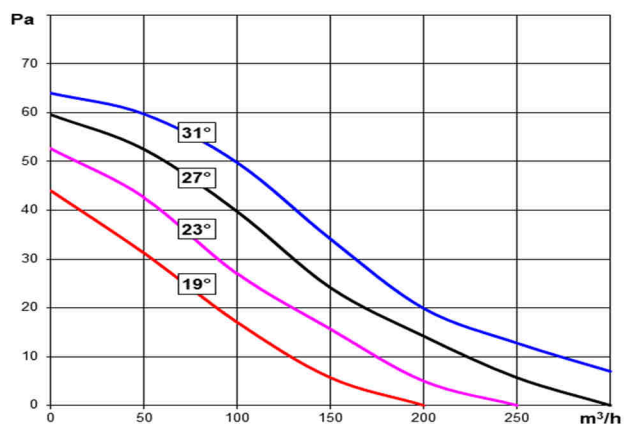
Serie EL.5 ...

CODE	Dimensions						Motors combination
	A	β	C ± 2mm		E ± 1.5mm		
	ø, mm	Incl, °	AA	A.P.	AA	AP	
EL . 5 . 154 . 19	154	19°	20	26	11	12	See each motor version
EL . 5 . 154 . 23	154	23°	25	30	12	12	
EL . 5 . 154 . 27	154	27°	29	35	12	16	
EL . 5 . 154 . 31	154	31°	32	41	12	20	
EL . 5 . 172 . 19	172	19°	27	26	12	15	
EL . 5 . 172 . 23	172	23°	31	31	14	17	
EL . 5 . 172 . 27	172	27°	36	36	16	16	
EL . 5 . 172 . 31	172	31°	38	41	18	20	
EL . 5 . 200 . 19	200	19°	31	32	15	16	
EL . 5 . 200 . 23	200	23°	35	36	17	17	
EL . 5 . 200 . 27	200	27°	42	43	19	18	
EL . 5 . 200 . 31	200	31°	45	49	22	24	
EL . 5 . 200 . 34	200	34°	-	51	-	26	
EL . 5 . 230 . 19	230	19°	31	37	20	14	
EL . 5 . 230 . 23	230	23°	41	40	21	24	
EL . 5 . 230 . 27	230	27°	47	47	25	26	
EL . 5 . 230 . 31	230	31°	54	52	30	24	
EL . 5 . 254 . 19	254	19°	34	39	20	17	
EL . 5 . 254 . 23	254	23°	45	45	21	24	
EL . 5 . 254 . 27	254	27°	53	52	27	27	
EL . 5 . 254 . 31	254	31°	61	58	34	27	
EL . 5 . 254 . 37	254	37°	-	70	-	28	
EL . 5 . 300 . 19	300	19°	43	42	25	19	
EL . 5 . 300 . 23	300	23°	50	54	22	24	
EL . 5 . 300 . 27	300	27°	61	59	23	26	
EL . 5 . 300 . 31	300	31°	-	67	-	33	
EL . 5 . 315 . 19	315	19°	51	-	25	-	
EL . 5 . 315 . 23	315	23°	61	-	29	-	
EL . 5 . 315 . 27	315	27°	71	-	32	-	
EL . 5 . 315 . 31	315	31°	-	-	-	-	
EL . 5 . 350 . 19	350	19°	44	-	23	-	
EL . 5 . 350 . 23	350	23°	52	-	24	-	
EL . 5 . 350 . 27	350	27°	66	-	30	-	
EL . 5 . 350 . 31	350	31°	71	-	33	-	

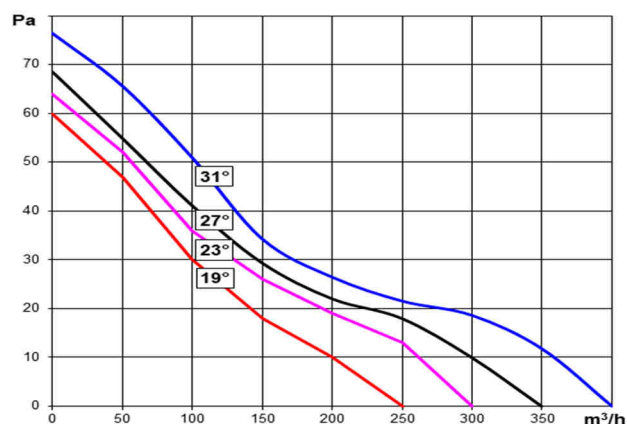
Performance curves

at 1350 rpm

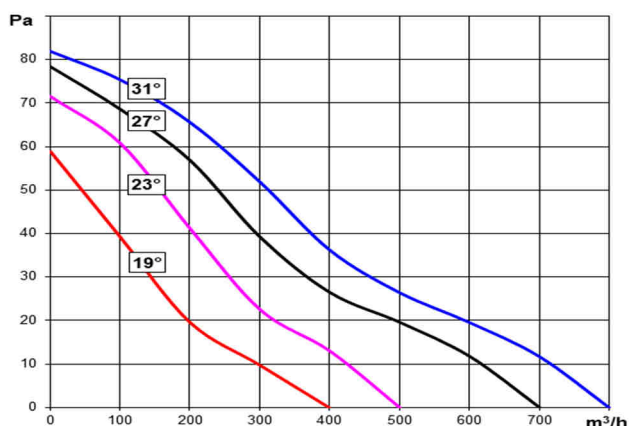
EL.5.154...



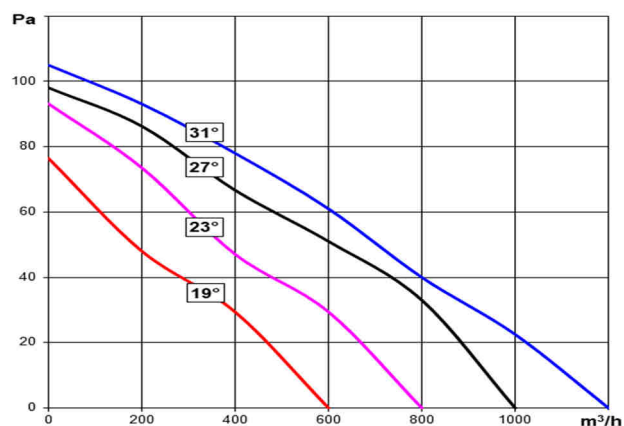
EL.5.172...



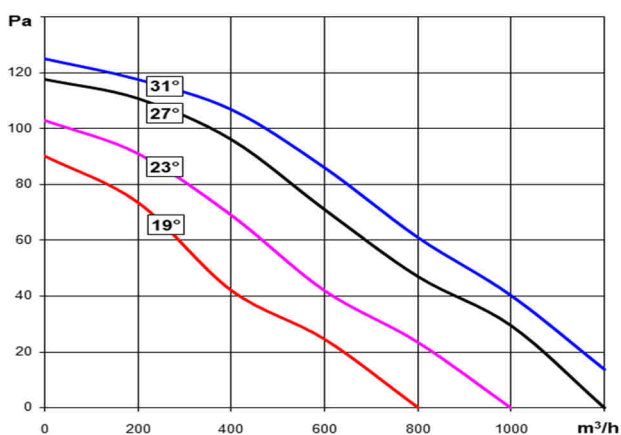
EL.5.200...



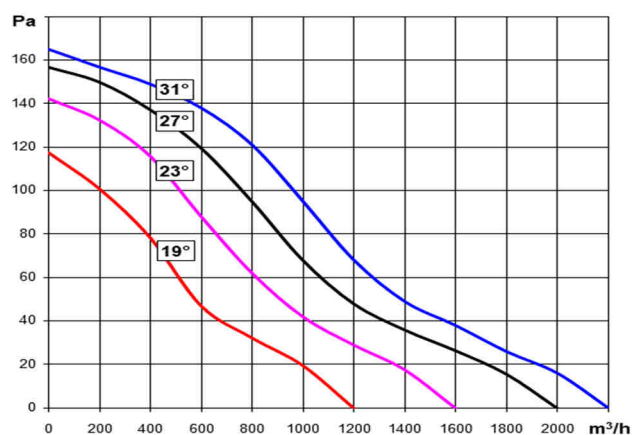
EL.5.230...



EL.5.254...



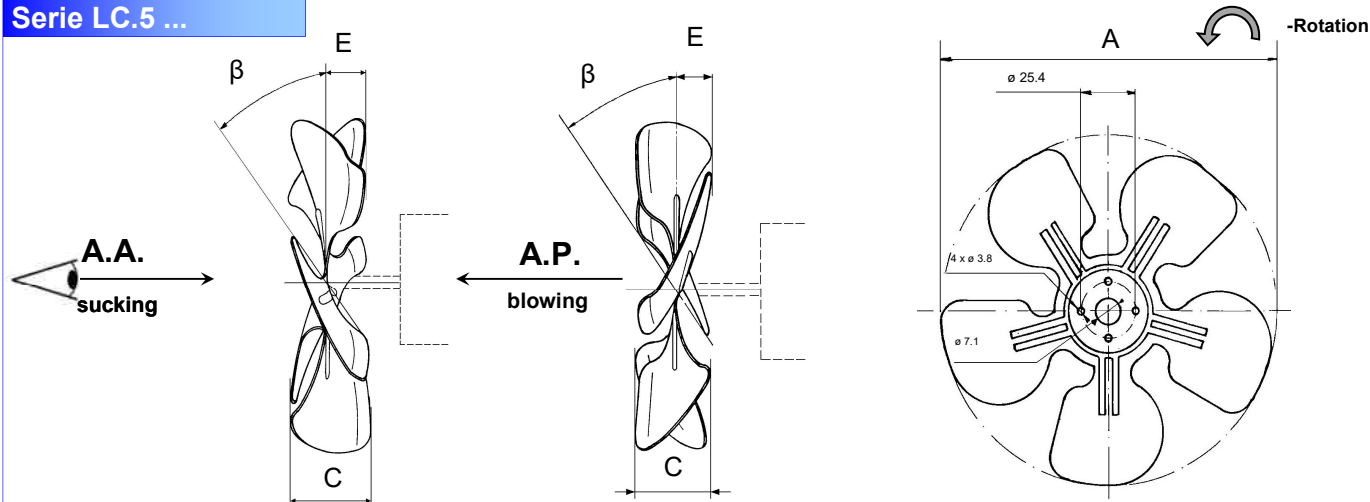
EL.5.300...



Aluminium impeller

5 blades

Serie LC.5 ...



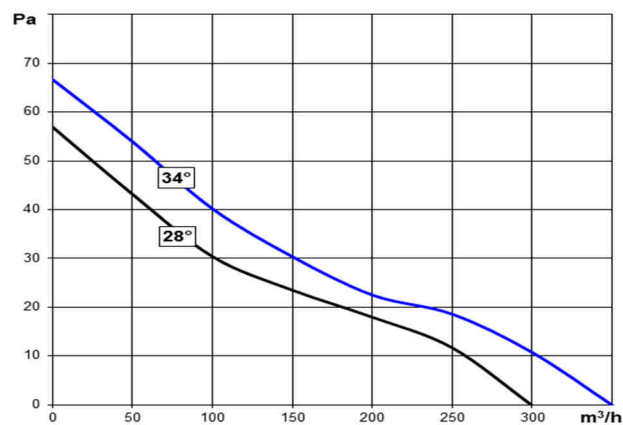
Serie LC.5 ...

CODE	Dimensions						Motors combination
	A	B	C ± 2mm		E ± 1.5mm		
	ø, mm	Incl, °	A.A	A.P.	AA	AP	
LC . 5 . 172 . 22	172	22°					See each motor version
LC . 5 . 172 . 28	172	28°	36		17		
LC . 5 . 172 . 34	172	34°	42		26		
LC . 5 . 200 . 22	200	22°					
LC . 5 . 200 . 28	200	28°	37		18		
LC . 5 . 200 . 34	200	34°	46		28		
LC . 5 . 254 . 22	254	22°					
LC . 5 . 254 . 28	254	28°	39		19		
LC . 5 . 254 . 34	254	34°	50		21		

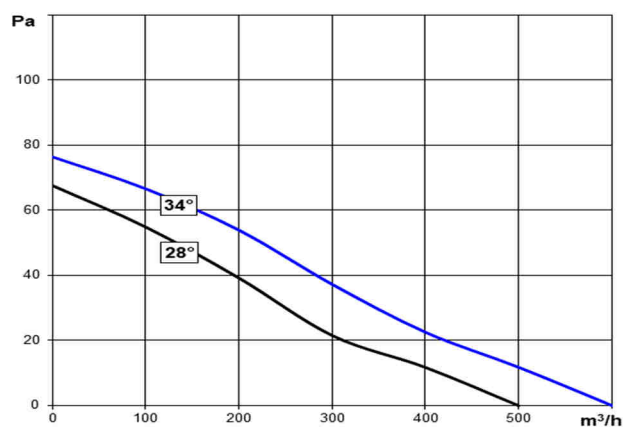
Performance curves

at 1350 rpm

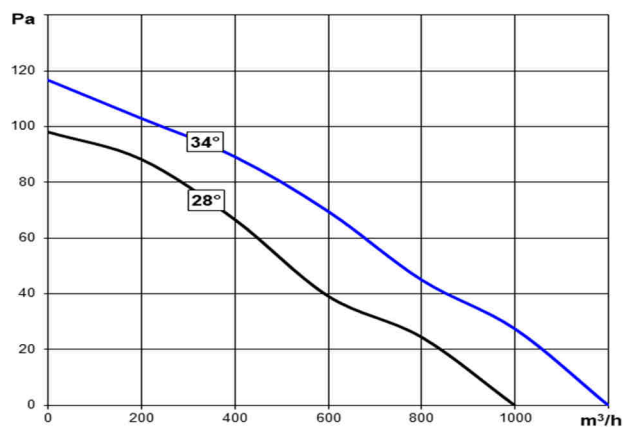
LC.5.172...



LC.5.200...



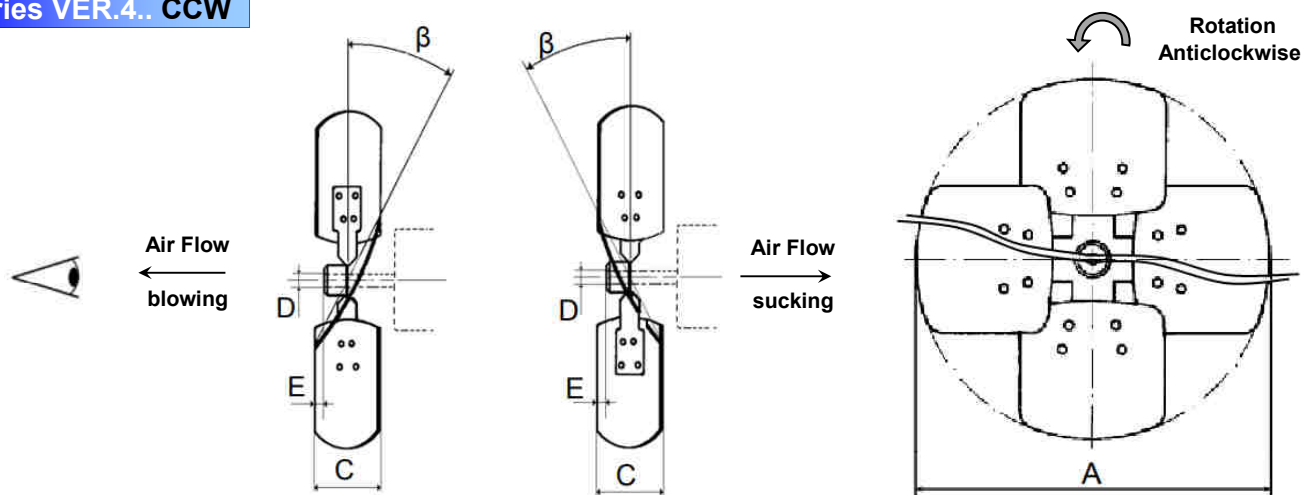
LC.5.254...



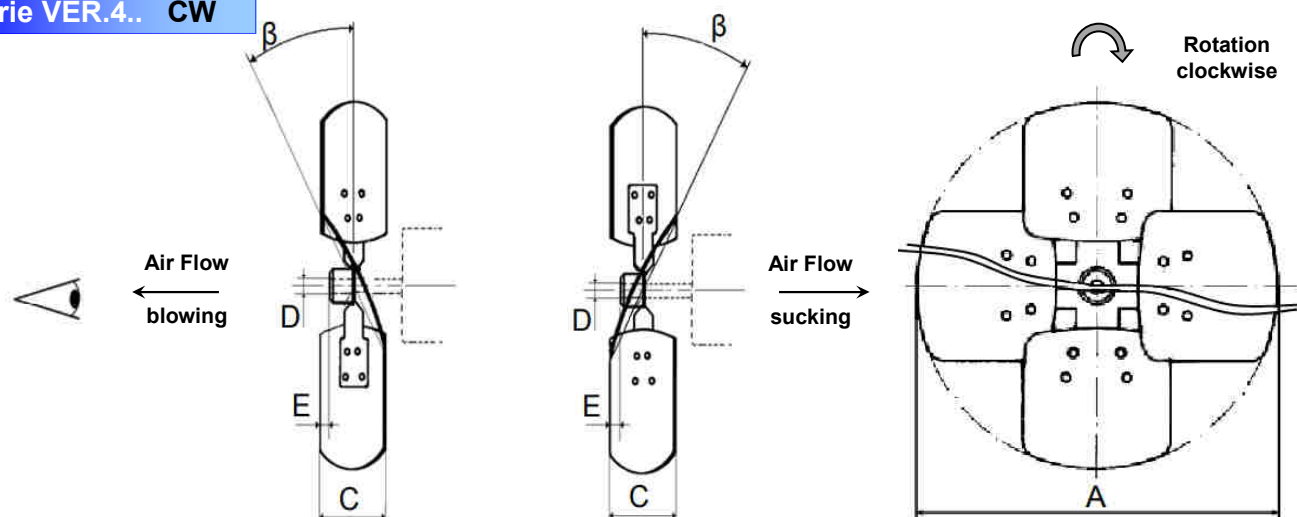
Aluminium impeller

4 blades

Series VER.4.. CCW



Serie VER.4.. CW



Aluminium impeller

4 blades - VER serie

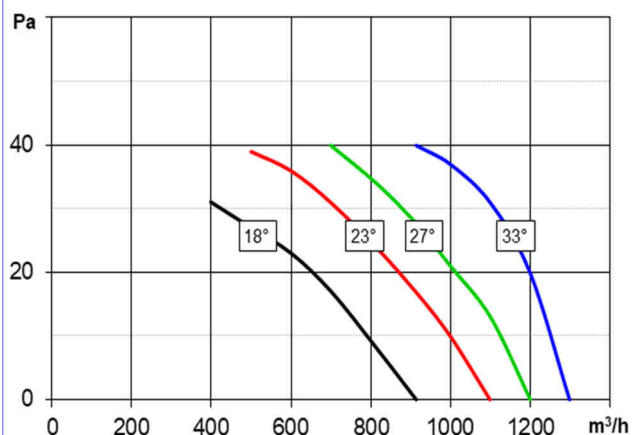
CODE	Dimensions						Motors combination
	A	B	C	D	E		
	ø	Incl, °			A.A.	A.P.	
VER.4.300.18x	300	18°	54	9.52 12.7	4	19	see Performance curves at fix rpm 900 and 1350rpm or abbined to our motor on ER version
VER.4.300.23x		23°	64		4	24	
VER.4.300.27x		27°	73		9	28	
VER.4.300.33x		33°	85		17	30	
VER.4.350.18x	350	18°	60	9.52 12.7	6	20	
VER.4.350.23x		23°	74		13	28	
VER.4.350.27x		27°	88		15	37	
VER.4.350.33x		33°	104		25	42	
VER.4.400.18x	400	18°	66	12,7	6	24	
VER.4.400.23x		23°	85		23	31	
VER.4.400.27x		27°	95		20	37	
VER.4.400.33x		33°	112		28	46	
VER.4.450.18x	450	18°	70	12,7	5	25	
VER.4.450.23x		23°	95		22	40	
VER.4.450.27x		27°	103		22	43	
VER.4.450.33x		33°	120		30	50	
VER.4.500.19x	500	19°	78	12.7 14	8	35	
VER.4.500.23x		23°	102		18	48	
VER.4.500.27x		27°	113		26	55	
VER.4.500.33x		33°	132		37	62	

L'ultimo digit del codice sarà / Last code digit will be:	Ø 9,52	Ø 12	Ø 12,70	Ø 14
Antioraria aspirante / CCW sucking	A	E	L	R
Oraria aspirante / CW sucking	D	H	P	V
Antioraria premente / CCW blowing	B	F	M	S
Oraria premente / CW blowing	C	G	N	T

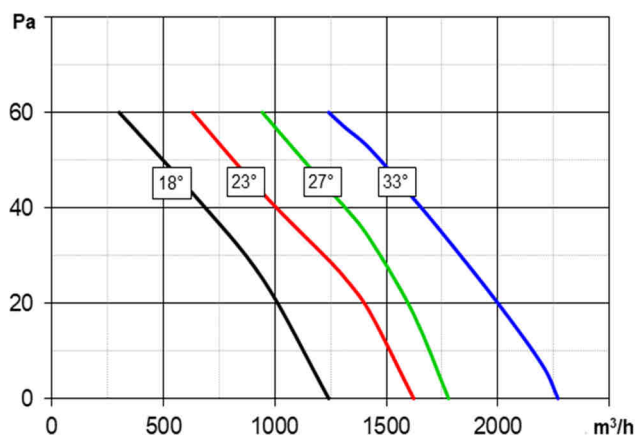
Performance curves

at 900 rpm

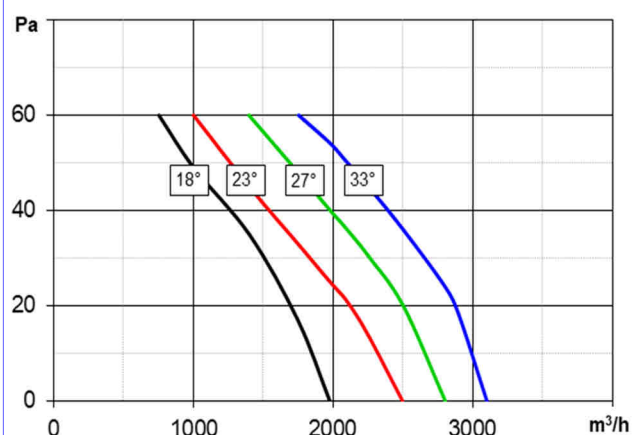
VER.4.300... (900RPM)



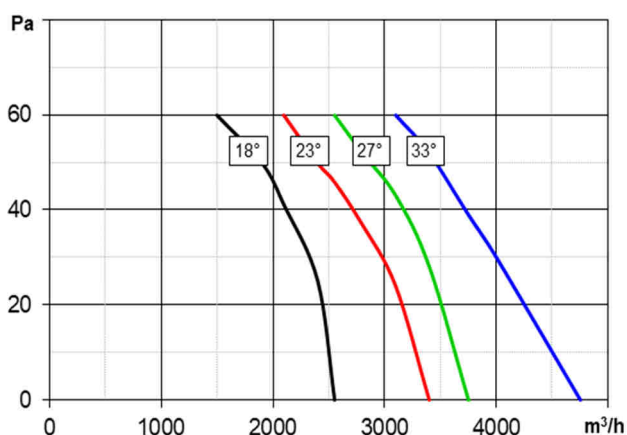
VER.4.350... (900RPM)



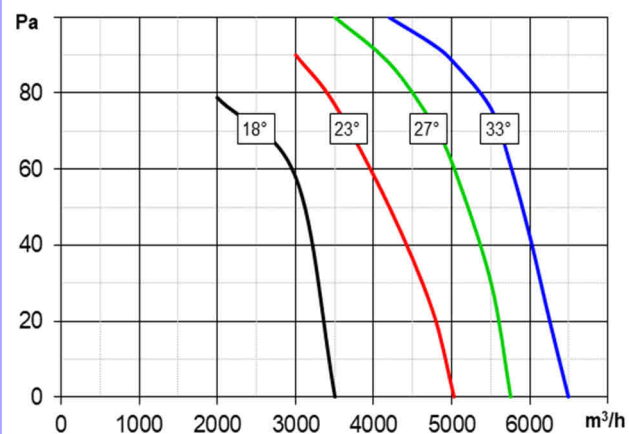
VER.4.400... (900RPM)



VER.4.450... (900RPM)



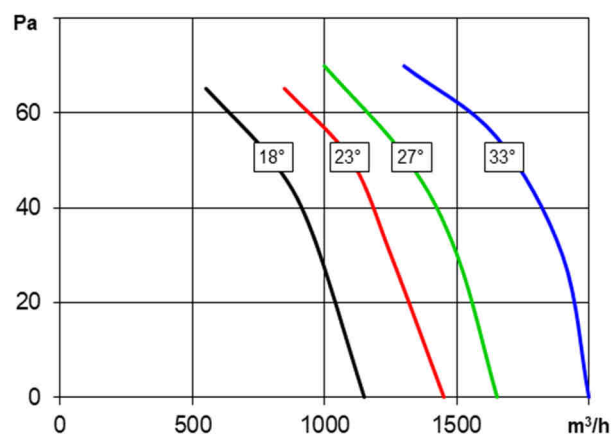
VER.4.500... (900RPM)



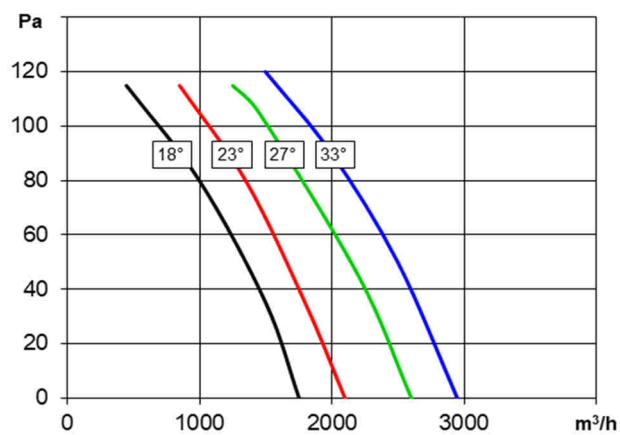
Performance curves

at 1350 rpm

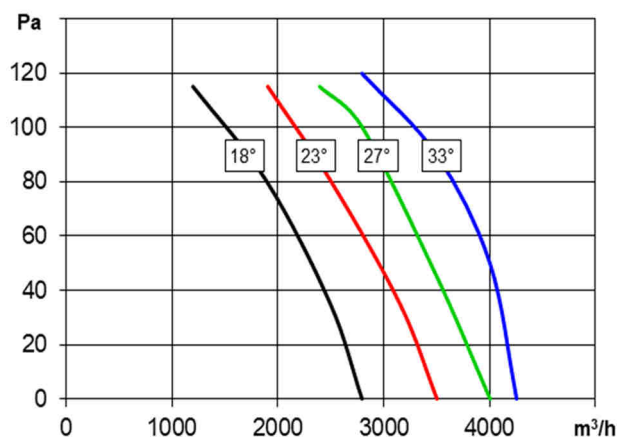
VER.4.300... (1350 RPM)



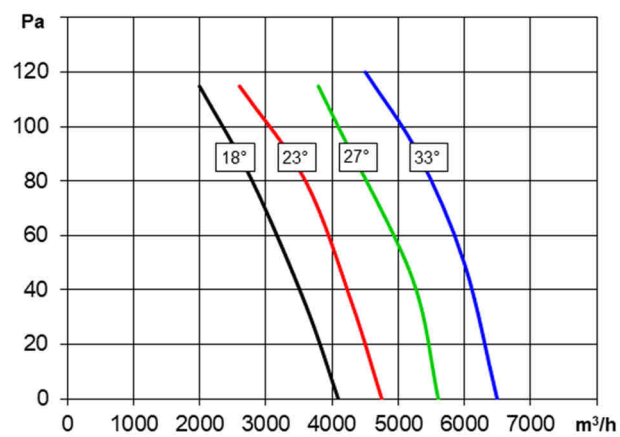
VER.4.350... (1350 RPM)



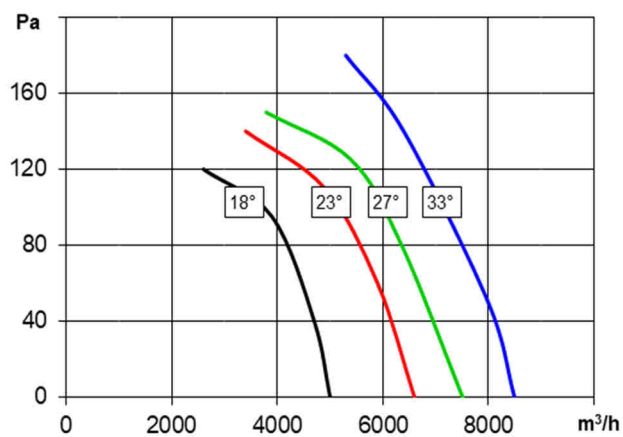
VER.4.400... (1350 RPM)



VER.4.450... (1350 RPM)

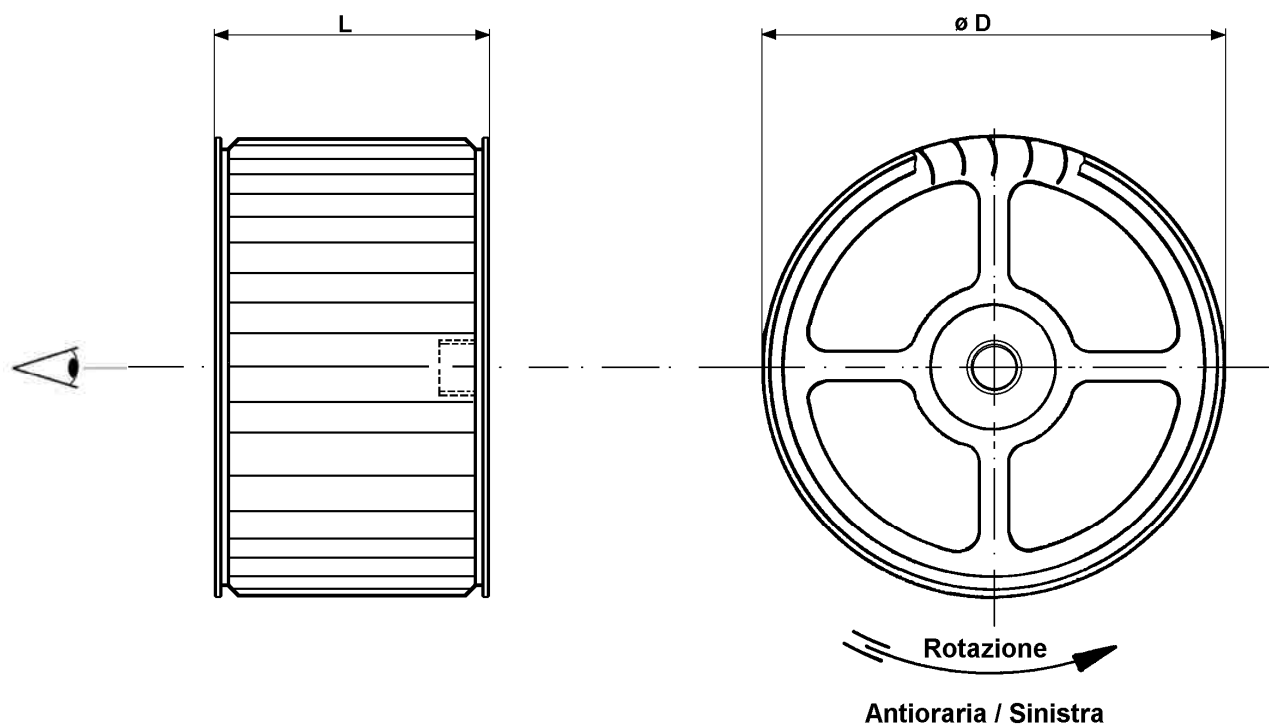


VER.4.500... (1350 RPM)



Single aluminium wheels

lader costruction



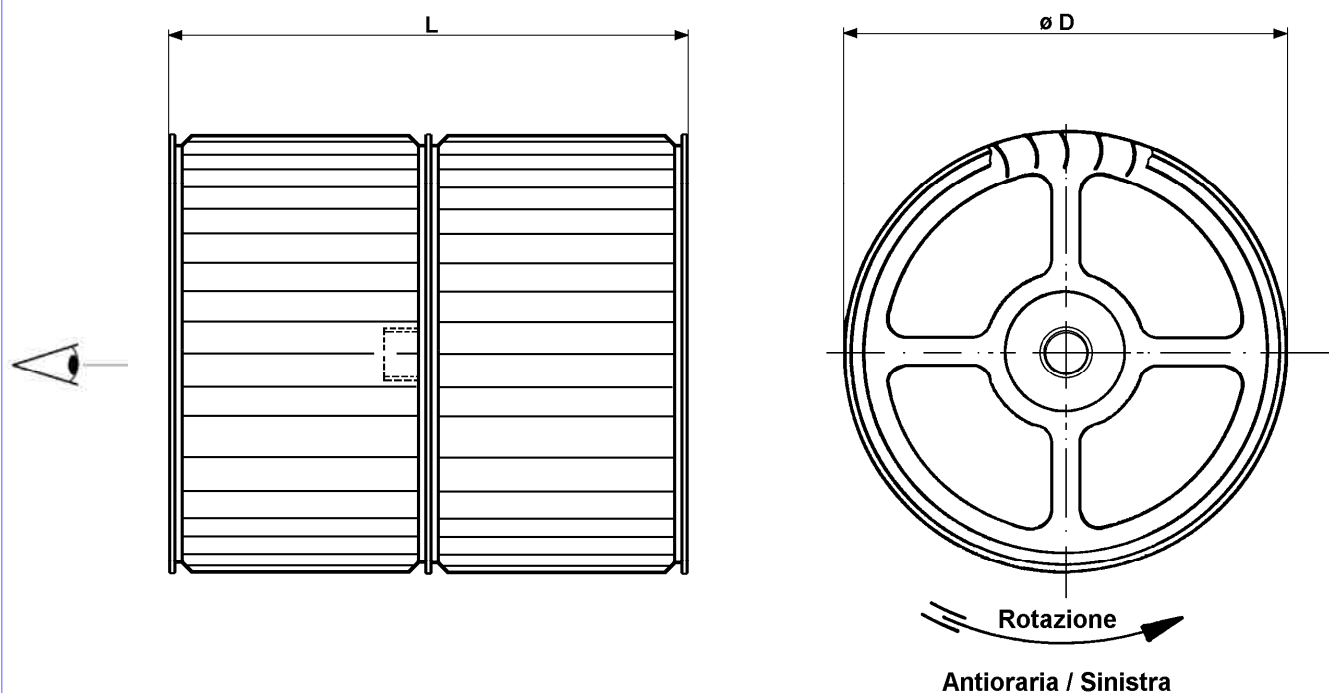
Serie SN

$\frac{\text{L}}{\text{Ø D}}$	76	80	96	108	121	133	145	160	180	185	200	215	238
25	*	*	*	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*	*	*	*
74	*	*	*	*	*	*	*	*	*	*	*	*	*
88	*	*	*	*	*	*	*	*	*	*	*	*	*
98	*	*	*	*	*	*	*	*	*	*	*	*	*
120								*	*	*	*	*	*
150						*	*	*	*	*	*	*	*

Hub available Ø D ... mm(G6) are: 7,00 / 9.52 / 12.7 / 14,00

Double aluminium wheels

lader costruzione



Serie DN

$\varnothing D$	76	80	96	108	121	133	145	160	180	185	200	215	238
L													
50	*	*	*	*	*	*	*	*	*	*	*	*	*
100	*	*	*	*	*	*	*	*	*	*	*	*	*
148	*	*	*	*	*	*	*	*	*	*	*	*	*
176	*	*	*	*	*	*	*	*	*	*	*	*	*
196	*	*	*	*	*	*	*	*	*	*	*	*	*
218							*	*	*	*	*	*	*
240						*	*	*	*	*	*	*	*
300						*	*	*	*	*	*	*	*

Hub available $\varnothing D \dots \text{mm(G6)}$ are: 7,00 / 9.52 / 12.7 / 14,00