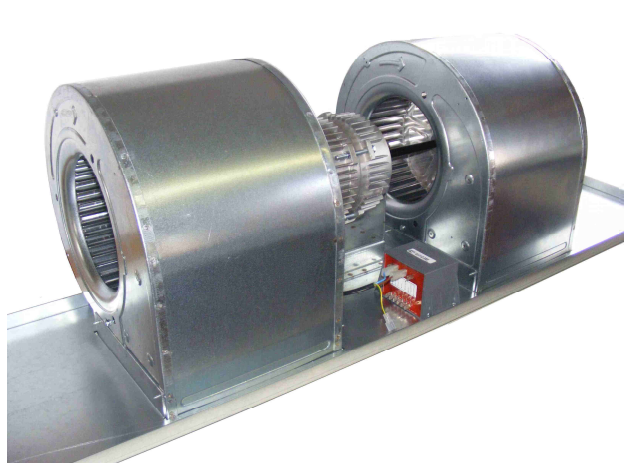


Centrifugal blowers

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

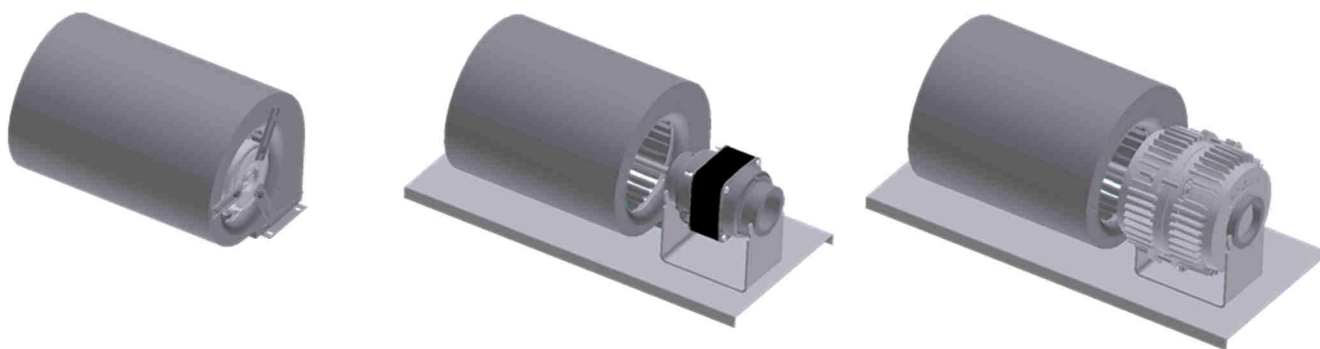
ZULASSUNGEN : CE

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...

Fig. 1

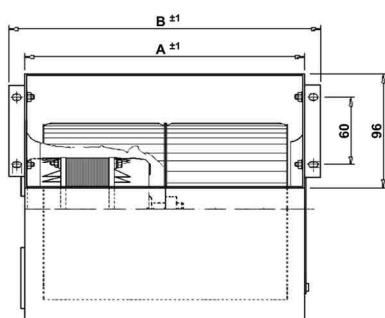


Fig. 2

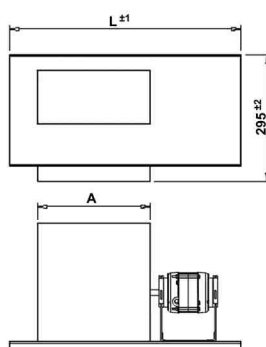
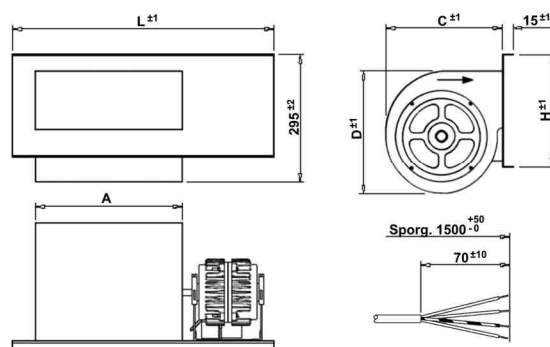


Fig. 3



Gruppi FAD(S)...-FD(S)B... : 230V - 50/60Hz marcati (C), 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

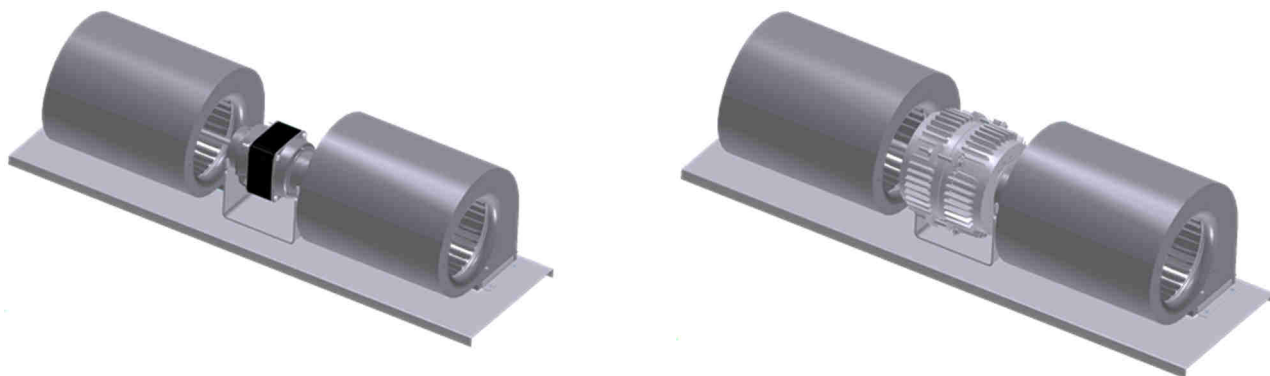
(a) On request 6 speed by impedance supplied separately

(b) Variable on demand

Double fan-deck blowers

Ø 145mm ÷ Ø 180mm

Serie FCB...



Serie FCB...

Fig. 1

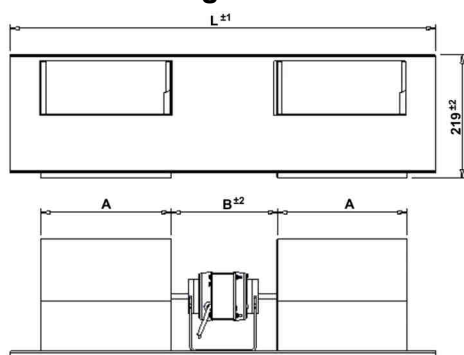
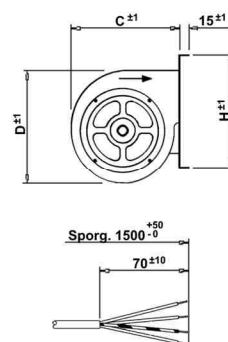
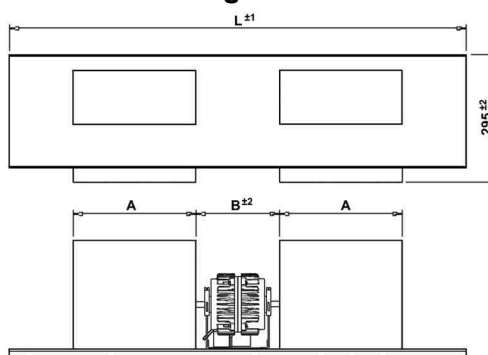


Fig. 2



Gruppi FCB... : 230V - 50/60Hz marcati C €, 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

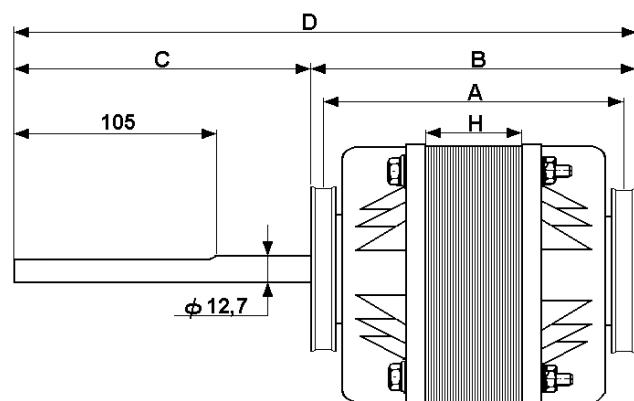
(a) On request 6 speed by impedance supplied separately

(b) Variable on demand

Motors fan-deck blowers

serie L4

Serie L4 ... (M)



-Rotation

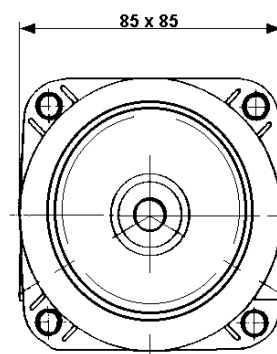
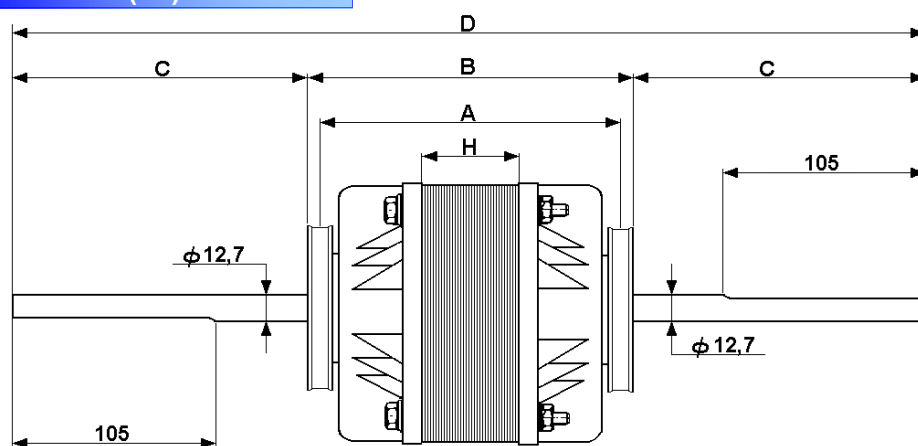


Fig. 1

Serie L4 ... (L)



On request:
- Capacitor
- 6 speed Impedance

Min 6 5 4 3 2 1 MAX

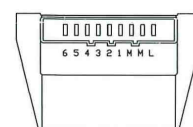


Fig. 2

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)

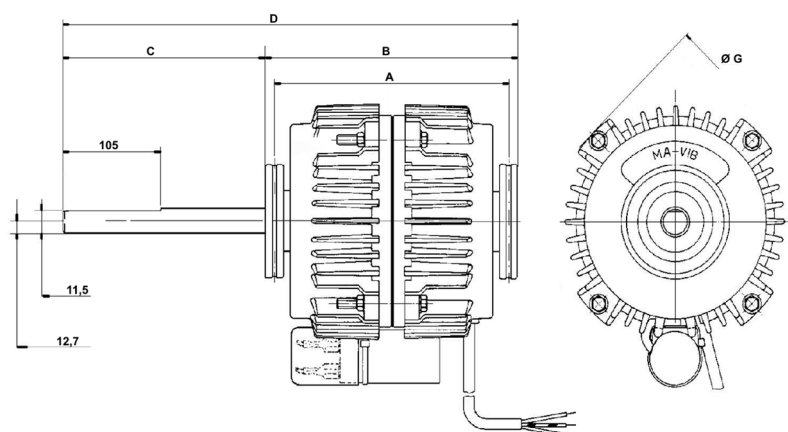
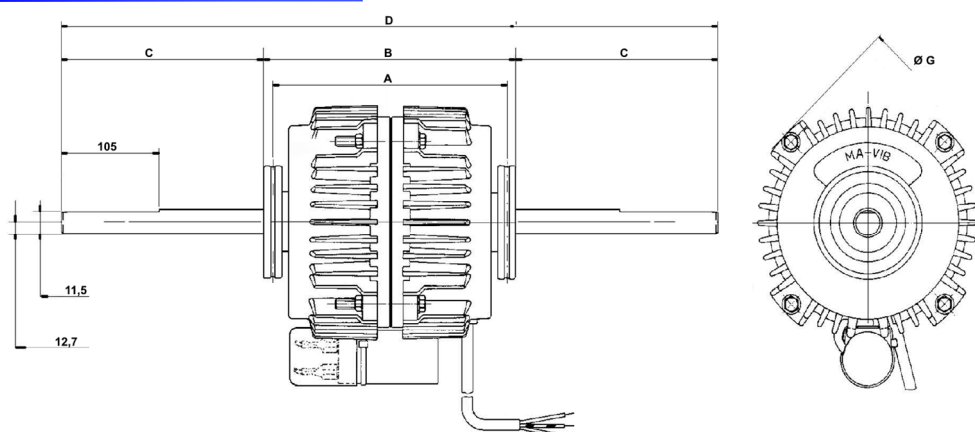


Fig. 1

Serie P4 - P6 - G4 - G6 (L)



On request:
- Capacitor
- 6 speed Impedance

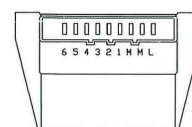


Fig. 2

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

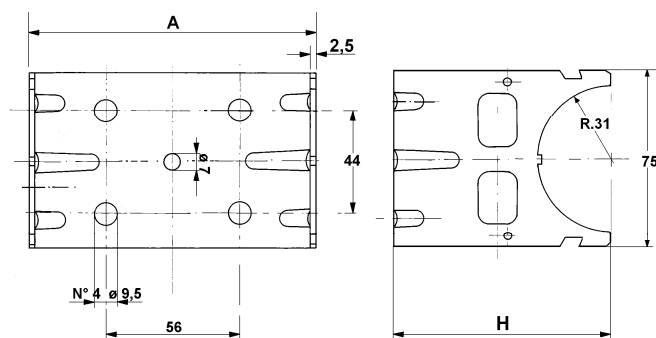
CODE	Lable data					Dimensions						Fig.
	A.	W _{in}	W _{out}	RPM	Speed	A	B	C	D	F	G	
P43Y...	0,85	165	85	1350	7	130,5	140	180	320	105	133	1
P45Y...	1,2	280	150	1350	7	130,5	140	180	320	105	133	
P43Y...	0,85	165	85	1350	7	130,5	140	220	580	105	133	2
P45Y...	1,2	280	150	1350	7	130,5	140	220	580	105	133	
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

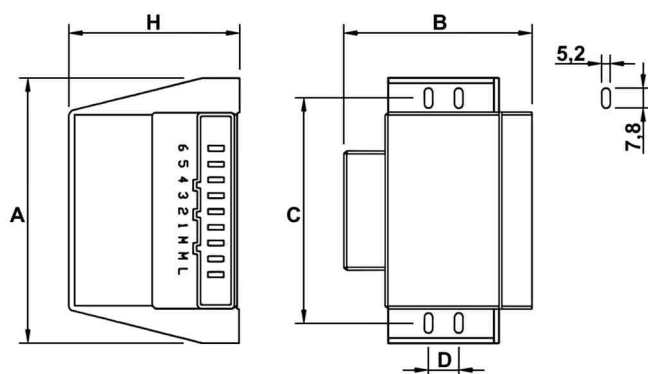
serie L, P & G

Staffe - Bracket - Support - Fuß

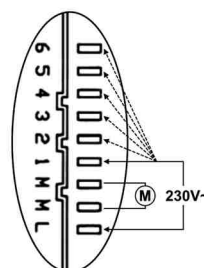


CODE	Dimensions				Motor
	A	B	C	H	
024.0150.0000	101			91,5	L47xx
024.0103.0000	106			86,5	L43xx
024.0252.0000				95	
024.0104.0000	116			86,5	L44xx
024.0151.0000				91,5	
024.0254.0000				95,0	
024.0107.0000				86,5	Px3xx / Px5xx
024.0118.0000	133			93,5	
024.0256.0000				95	
024.0120.0000				118	
024.0110.0000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

Impedenza - Impedance - Impédance - Impedanz

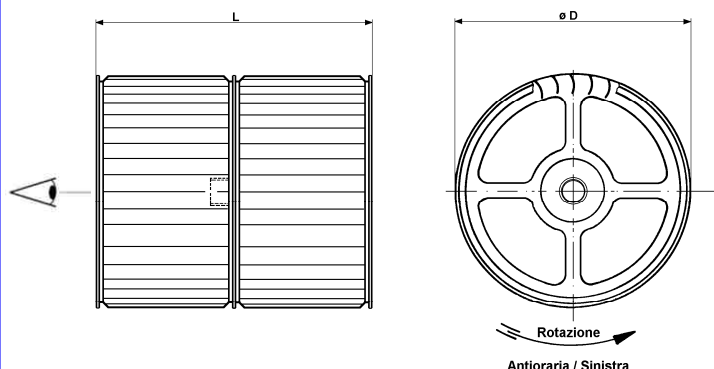


CODE	Dimensions					Power (VA)
	A	B	C	D	H	
105.0148.0000	65	48	55		43	40
105.150.00000	83	55	68	11	50	80
105.0151.0000	83	64	68	11	50	120
105.0152.0000	106	83	93	30	68	300
105.0153.0000	121	88	82	45	75	450



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

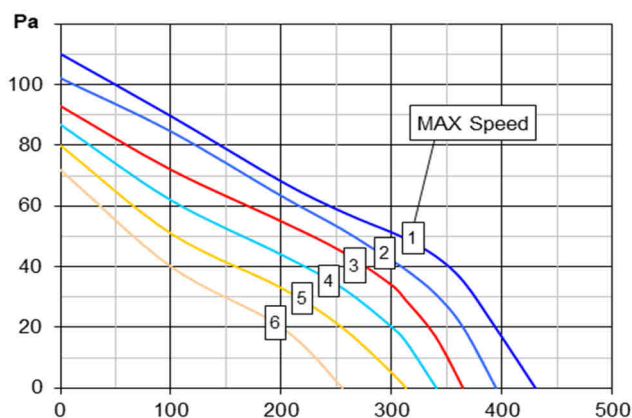


L \ ø D	145	160	180	185	200	215	238
50	*	*	*	*	*	*	*
100	*	*	*	*	*	*	*
148	*	*	*	*	*	*	*
176	*	*	*	*	*	*	*
196	*	*	*	*	*	*	*
218	*	*	*	*	*	*	*
240	*	*	*	*	*	*	*
300	*	*	*	*	*	*	*

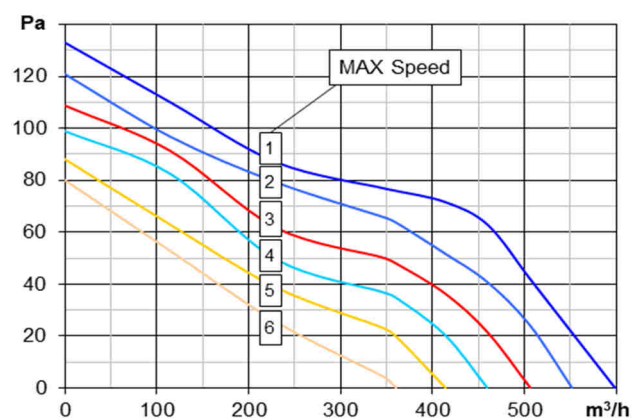
Performances curves

Single fan-deck blowers

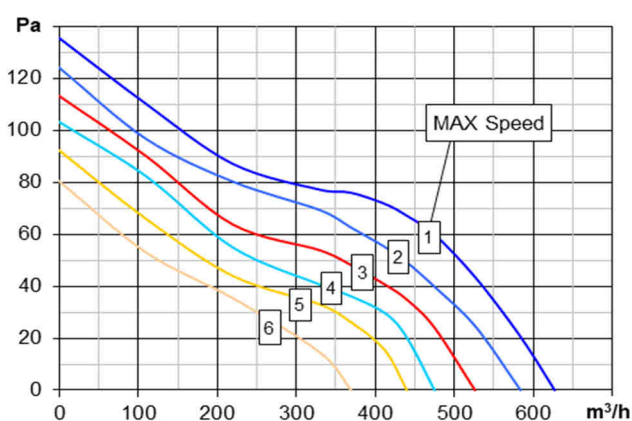
FAD(S)145M14E4.. 50Hz



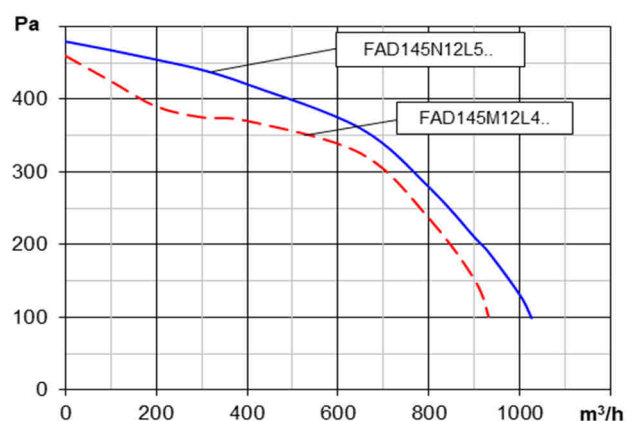
FAD(S)145N14E4.. 50Hz



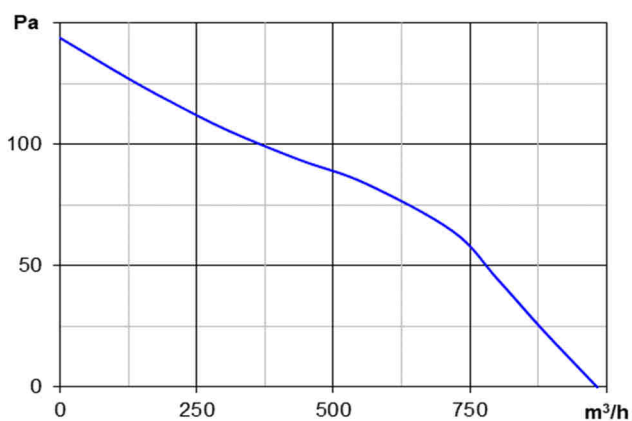
FAD(S)145Q14E4.. 50Hz



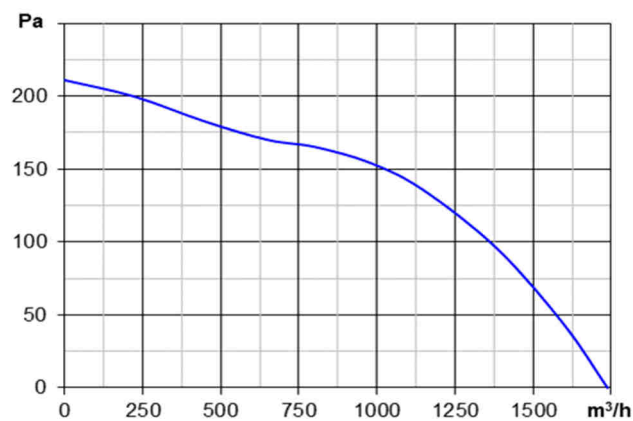
FAD(S)145.12L... 50Hz



FD(S)B160M14L4.. 50Hz



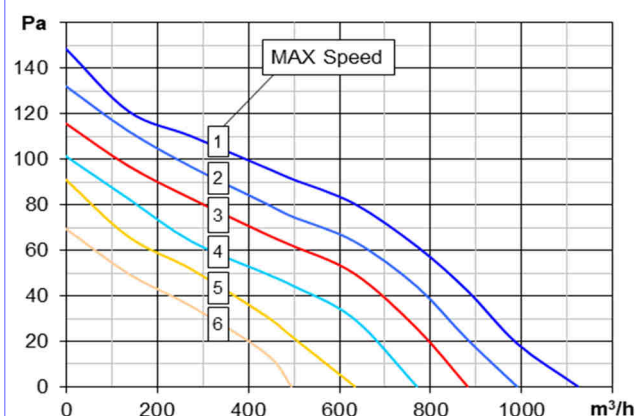
FD(S)B180Q14P5.. 50Hz



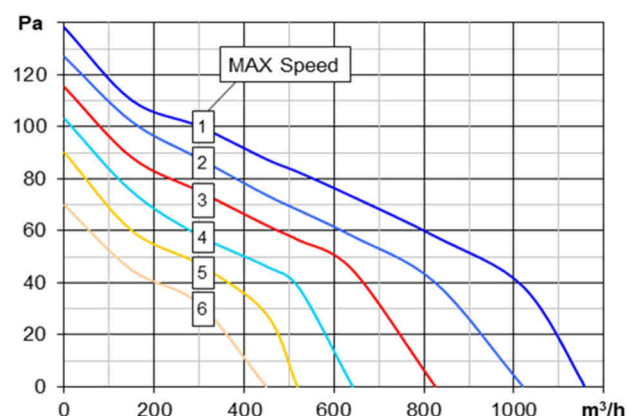
Performances curves

Double fan-deck blowers

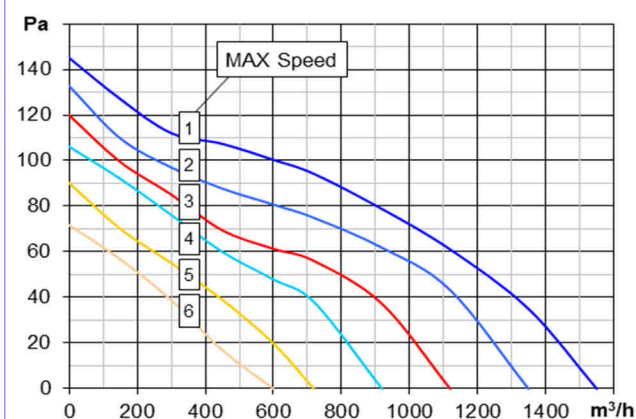
FCB145M14L4.. 50Hz



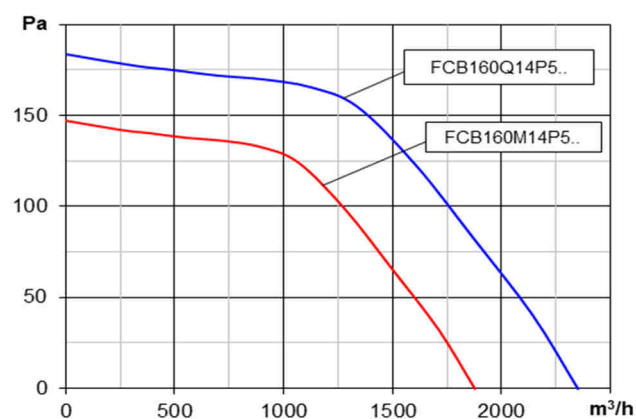
FCB145N14L4.. 50Hz



FCB145Q14L4.. 50Hz



FCB160.14P5.. 50Hz



FCB180.14P... 50Hz

