



Energy Saving Motors *news*
..08.. - ..15.. - ..21.. for blade Ø 154 ... 350



..EA.. = 1 speed – 1350 rpm

..EB.. = 2 speed – 1350 / 1000 rpm

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



MA-VIB SpA

Viale E. Filiberto 16/18- 20065 Inzago (MI) - ITALY

Tel. +39.029547403 - Fax +39.029549825

Internet Web Site: www.mavib.com

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



Motori "Energy Saving"

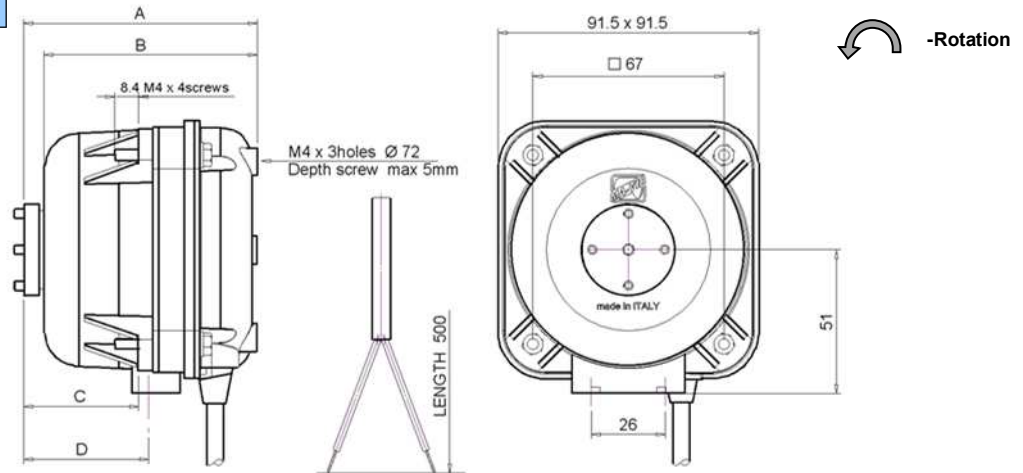
EA .. EB .. EC

Electr. Commutated Motors
for blade Ø 154 .. Ø 300 mm

Moteur Electronique pour
hélice Ø 154 .. Ø 300 mm

EC Motoren mit Flügel
Ø 154 .. Ø 300 mm

Serie EFCR...EA.EB.EC



Accessories: see pag. 24-26

Accessori: vedi pag. 24-26

Serie ..EA.. EB.. EC ..

(EC Motors) : 230V 50/60Hz - marcati (€ classe B in accordo a EN.60335.1

CODE	Conventional Electric data						Dimensions				Impeller		W.in with Impeller
	Speed	RPM 50/60Hz	A.	W.in free air	W.in Max. Pa	Prot.	A ^{±1,5}	B ^{±1,5}	C	D	Ø	incl. °	
EFCR.08EA...A5 / A2 EB...A5 / A2 EC...A5 / A2	1 Speed 2 Speed PWM/0-10	1350 1350/1000 800÷2200	0,16	6	14	Electr.	80	73	40,5	44	154	19	see each version EA / EB / EC
											172	19	
											200	19	
											200	27	
EFCR.15EA...A5 / A2 EB...A5 / A2 EC...A5 / A2	1 Speed 2 Speed PWM/0-10	1350 1350/1000 800÷2200	0,26	18	24	Electr.	80	73	40,5	44	230	19	
											230	23	
											254	27	
											254	19	
EFCR.21EA...A5 / A2 EB...A5 / A2 EC...A5 / A2	1 Speed 2 Speed PWM/0-10	1350 1350/1000 800÷2200	0,31	23	55	Electr.	100	90	43	46	28 (LC)	31	
											230	27	
											254	31	
											300	19	
											315	27	
											350	19	

Electronic Commutated Motor 08 / 15 / 21 – 230V-50/60Hz (on demand 115V-50/60Hz)

Operation mode	S1	Motor protection	Electronically
Mounting position	All	Insulation class	B
Motor bearing	Ball	IP Protection	44 (on demand 54)
Ambient temperature	-40°C ... +50°C	Ref. Standard	CE
Max Ambient storage/tran.	-40°C ... +80°C	Expectance live	over 60.000 h
Standard of ref.	EN	60335-1 / A15 / 2-24 / 2-89 *	*ref. Gas group IIA
		60529 (IP)	*60079-15
	EU	2006-42 (Mac) 2014-35 (Low V.)	2015/863 (RoHS3)

Tutti i dati di questo catalogo sono indicativi e possono essere variati senza preavviso. All data are indicative and may change without notice.



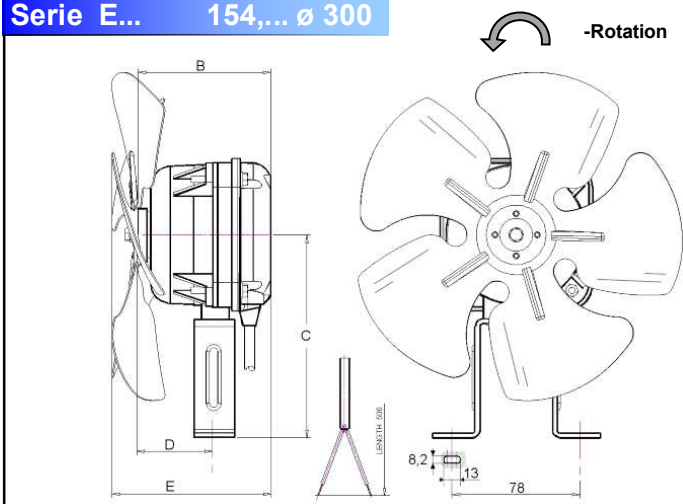
Serie **EA..EB..EC** con boccagli, reti, staffa, ventola

EA..EB..EC with blade,
ring, fan guard or bracket

EA..EB..EC avec hélice,
virole, grilles ou support

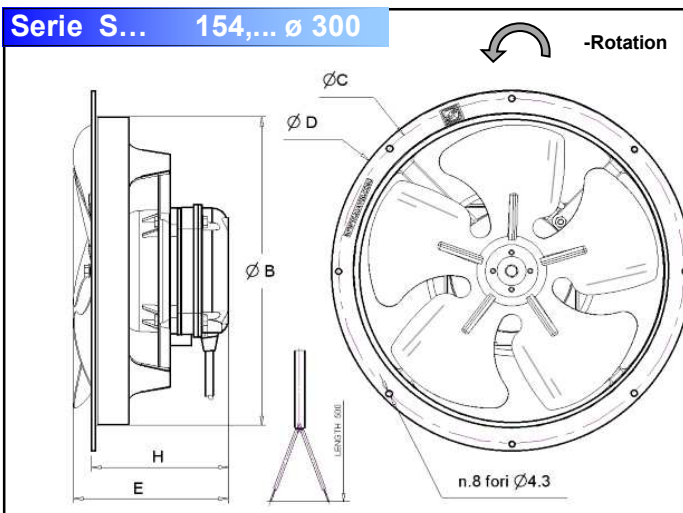
EA..EB..EC mit Flügel,
Fuß, Ring oder Schutzgitter

Serie E... 154,... ø 300



CODE	Impeller ø, mm	Dimensions					
		A	B	C	D	E ±1,5	H
E08EA... E08EB... E08EC...	154	19° 31°	80	90	46	88 99	
	172	19° 31°				95 100	
	200	19° 31°	80	122	46	96 103	
		230				19° 23°	
E15EA... E15EB... E15EC...	200	31°	80	122	46	103	
	230	27° 31°	80	134	46	100 102	
E15EB... E15EC...		254				19° 23° 28*(LC)	
	230	31°	100	134	48	124	
E21EA... E21EB... E21EC...	254	27° 31°	100	134	48	126 127	
		300				19° 27°	

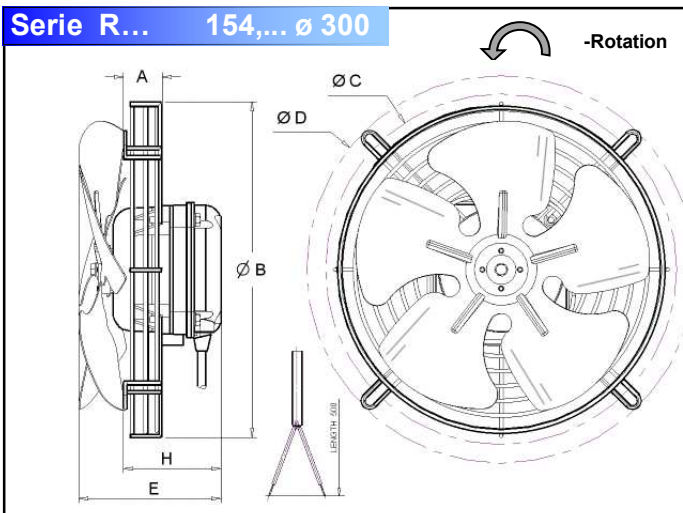
Serie S... 154,... ø 300



CODE	Impeller ø, mm	Dimensions					
		A	B	C	D	E ±1,5	H
S08EA... S08EB... S08EC...	154	19° 31°	175	190	200	88 99	91
	172*	19° 31°				95 100	
	200	19° 31°	215	236	246	96 103	93
		230				19° 23°	
S15EA... S15EB... S15EC...	200	31°	215	236	246	103	93
	230	27° 31°	250	266	276	102 104	91
S15EB... S15EC...		254*				19° 23° 28*(LC)	
	230	31°	250	266	276	119	91
S21EA... S21EB... S21EC...	254*	27° 31°	280	280	300	123 125	108
		300*				19° 27°	

* versione in metallo

Serie R... 154,... ø 300



CODE	Impeller ø, mm	Dimensions						
		A	B	C	D	E ±1,5	H	
R08EA... R08EB... R08EC...	172	19° 31°	26	192	208	226	95 100	66
	200	19° 31°					96 103	
		230	19° 23°	26	252	280	295	91 100
	200		31°					26
R15EA... R15EB... R15EC...	230	27° 31°	26	252	280	295	102 104	66
		R15EB... R15EC...					254	
230	31°		26	252	280	295	118	81
R21EA... R21EB... R21EC...	254	27° 31°	26	271	289	309	123 125	83
		300					19° 27°	
	315		27°	47	346	365	390	134
		350	23°					53

Curve di portata

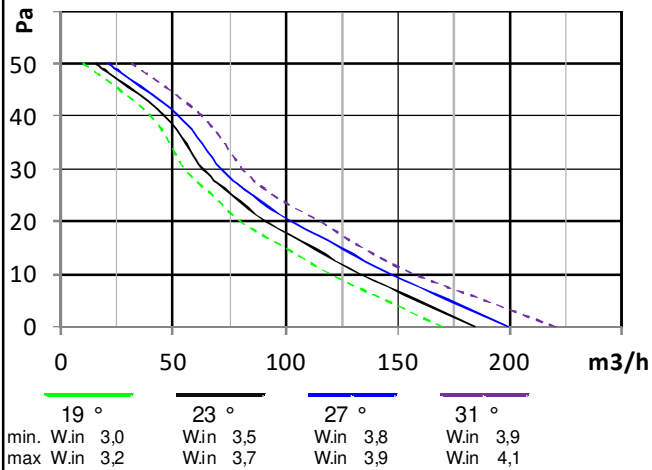
08 - 15 EA 1 speed Ø 154 .. Ø 230

Performance curves

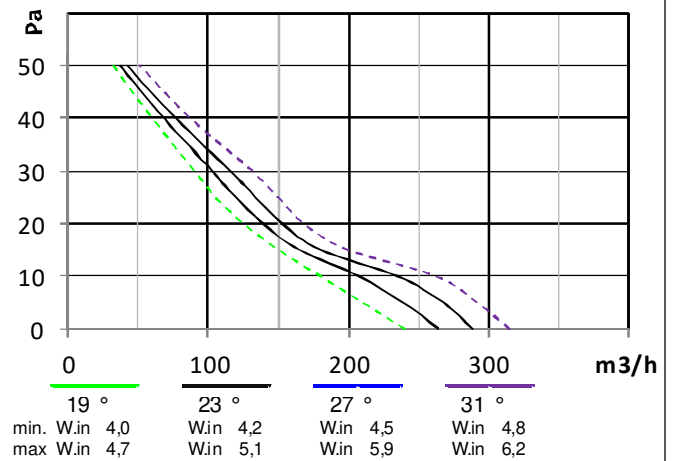
Courbes de débit

Luftleistungskennlinien

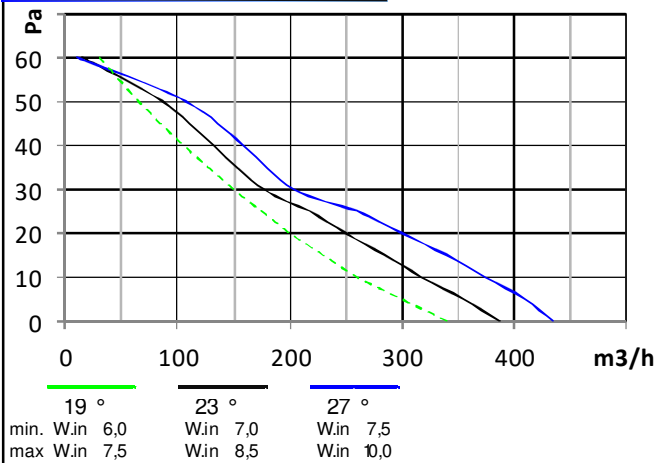
...08EA .., Ø154,...1350rpm



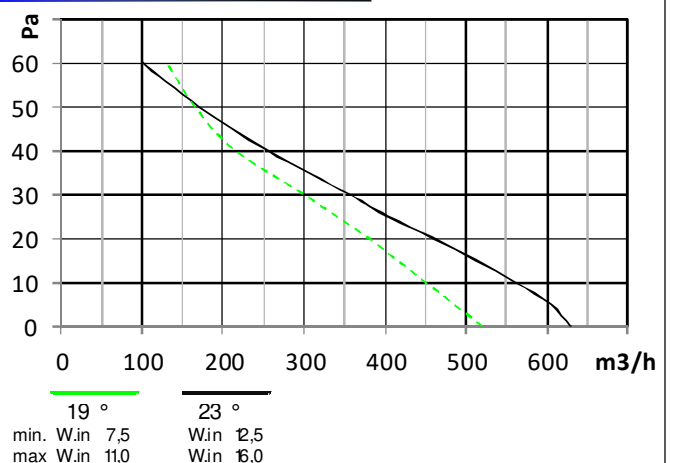
...08EA .., Ø172,...1350rpm



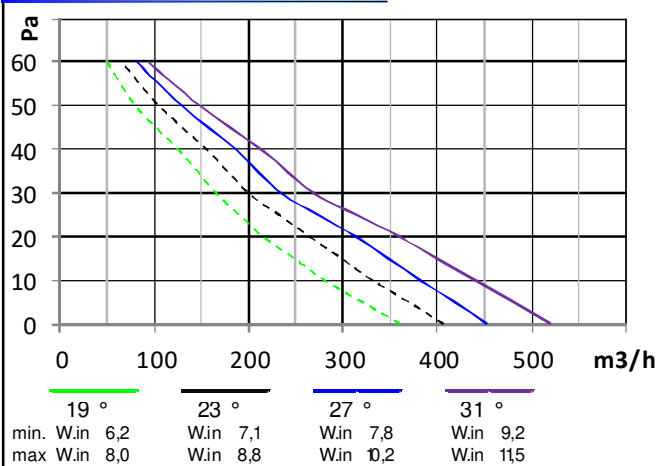
...08EA .., Ø200,...1350rpm



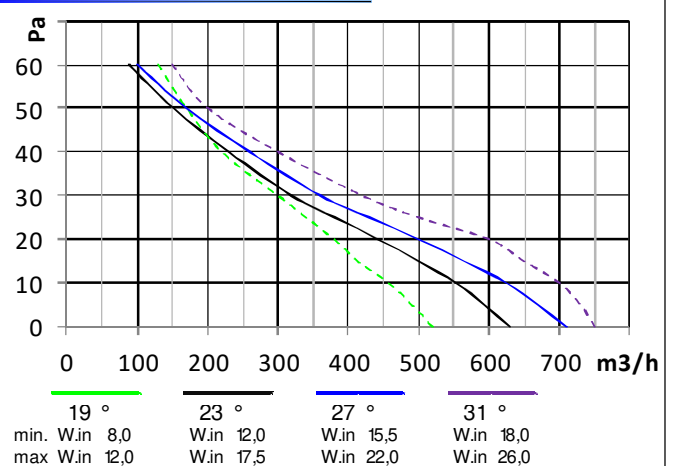
...08EA .., Ø230,...1350rpm



...15EA .., Ø200,...1350rpm



...15EA .., Ø230,...1350rpm



Curve di portata

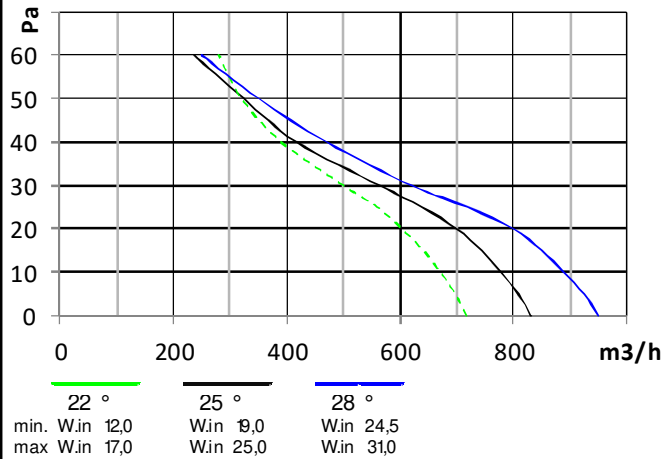
15 - 21 EA 1 speed Ø 230 .. Ø 350

Performance curves

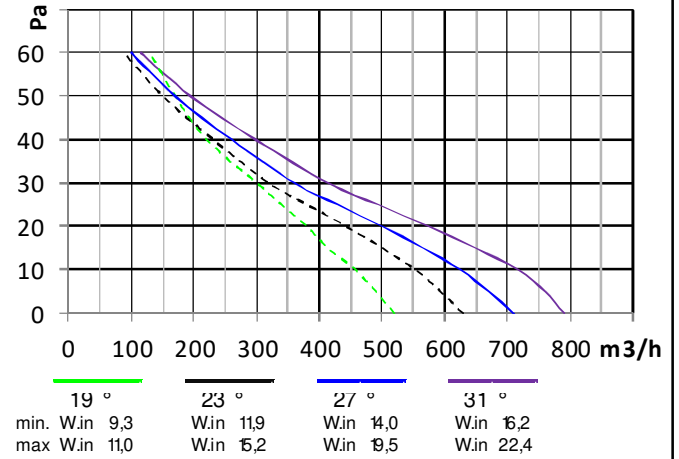
Courbes de débit

Luftleistungskennlinien

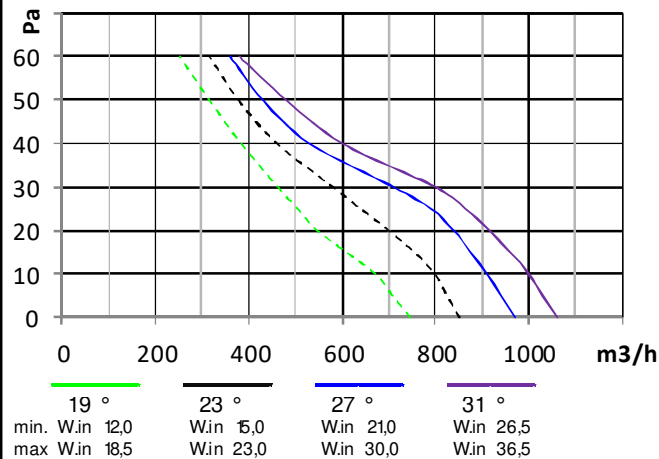
...15EA .., ø254,...1350rpm



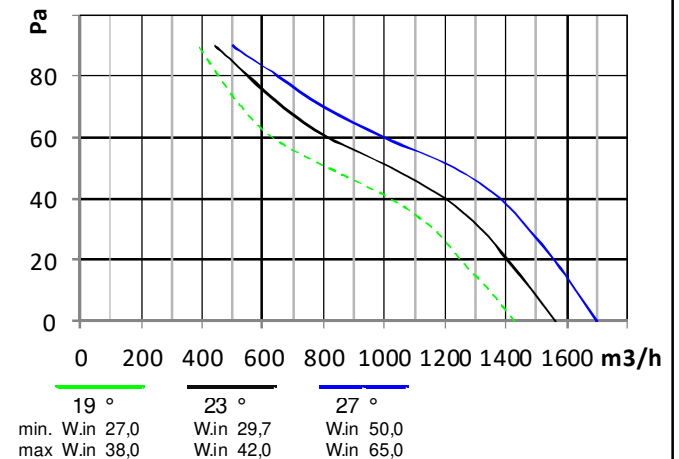
...21EA .., ø230,...1350rpm



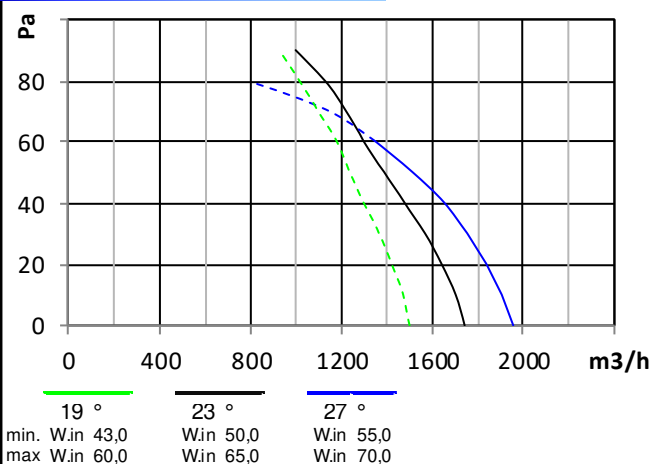
...21EA .., ø254,...1350rpm



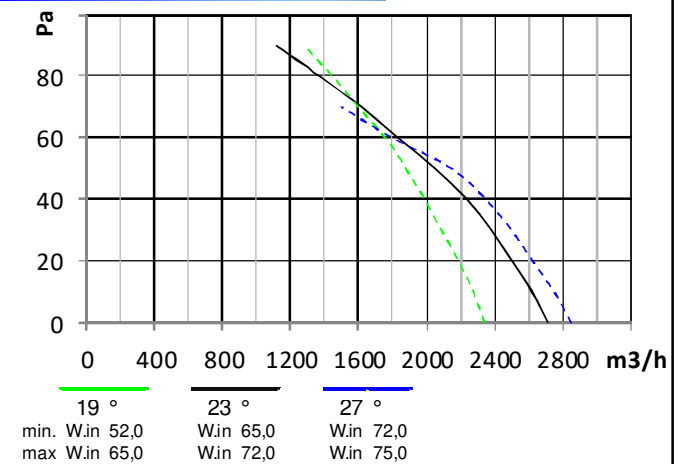
...21EA .., ø300,...1350rpm



...21EA .., ø315,...1350rpm



...21EA .., ø350,...1350rpm



Curve di portata

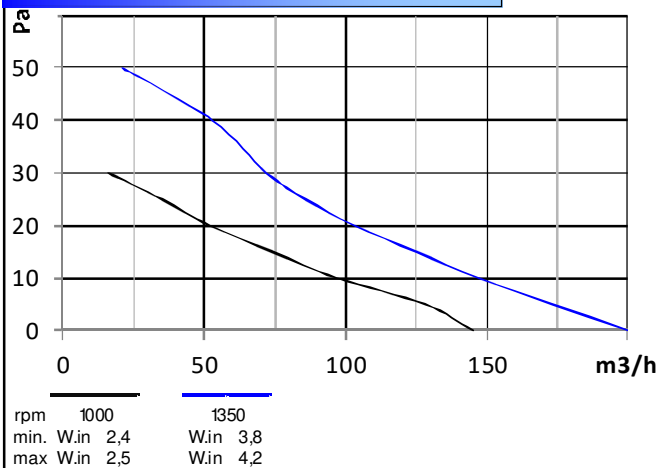
08 - 15 EB 2 speed Ø 154 .. Ø 230

Performance curves

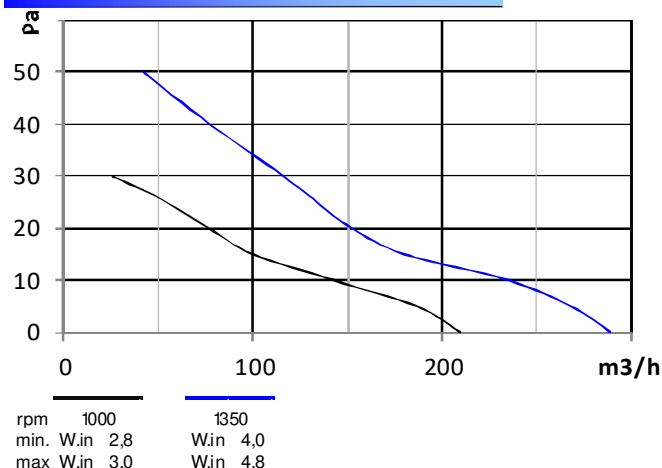
Courbes de débit

Luftleistungskennlinien

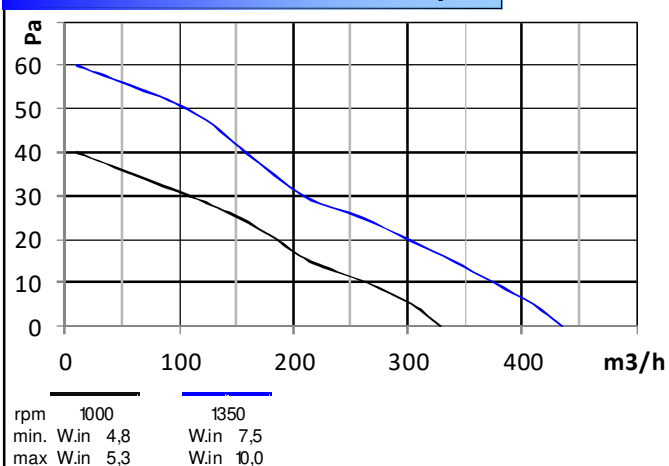
...08EB ... Ø154-27° 1000/1350rpm



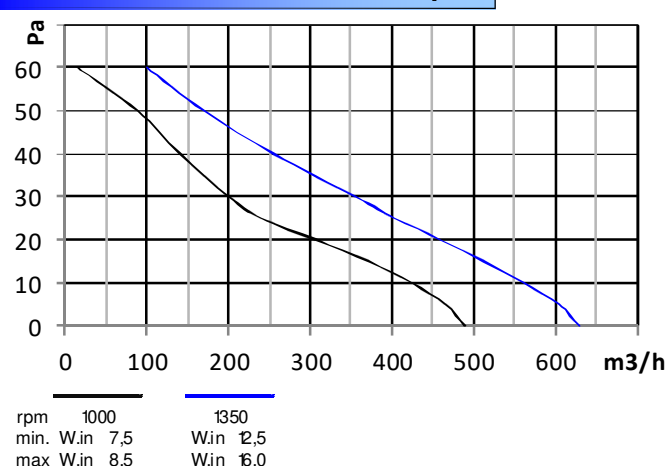
...08EB ... Ø172-27° 1000/1350rpm



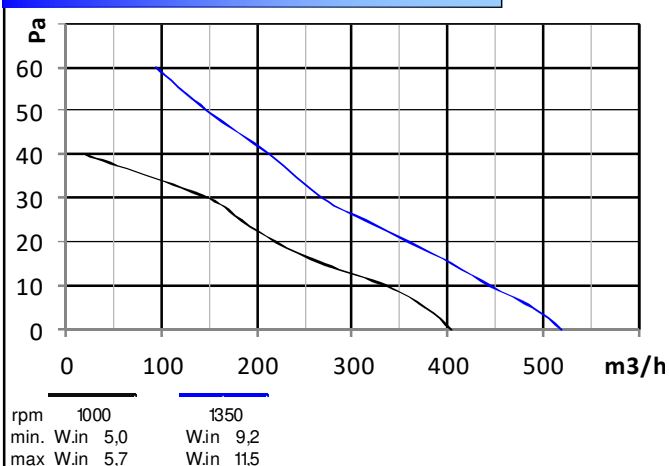
...08EB ... Ø200-28° 1000/1350rpm



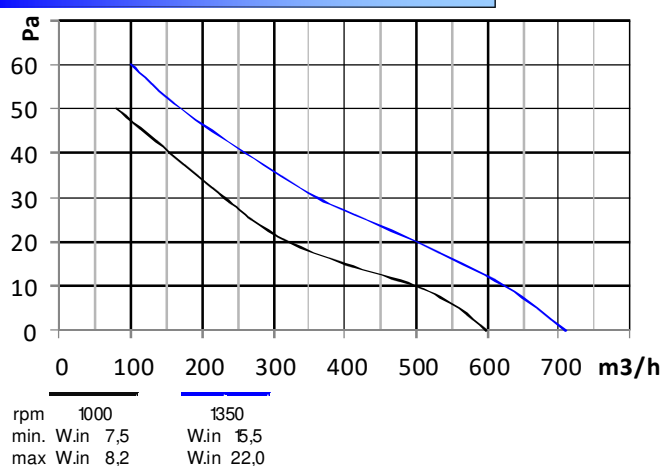
...08EB ... Ø230-23° 1000/1350rpm



...15EB ... Ø200-31° 1000/1350rpm



...15EB ... Ø230-27° 1000/1350rpm



Curve di portata

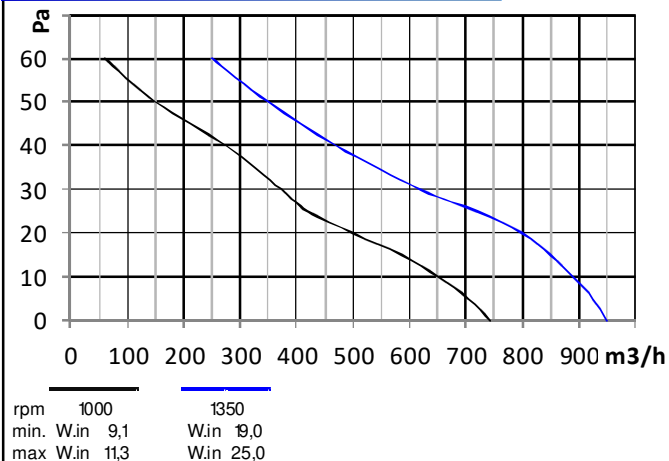
15 - 21 EB 2 speed Ø 230 .. Ø 350

Performance curves

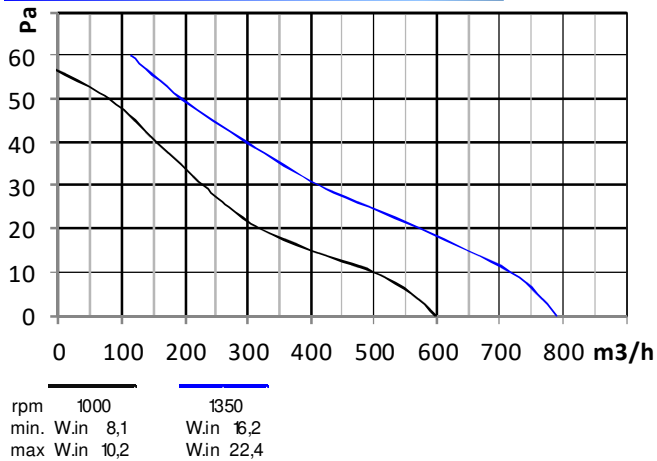
Courbes de débit

Luftleistungskennlinien

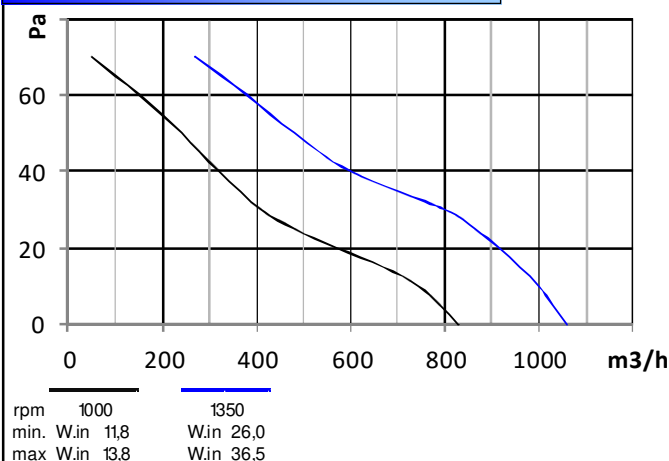
...15EB ... Ø254-28° 1000/1350rpm



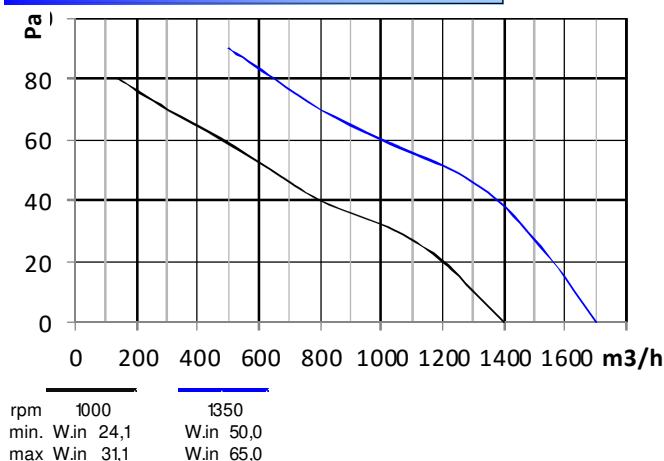
...21EB ... Ø230-31° 1000/1350rpm



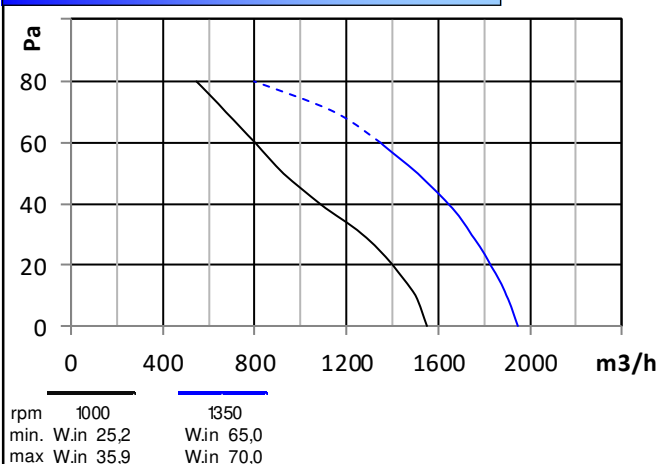
...21EB ... Ø254-31° 1000/1350rpm



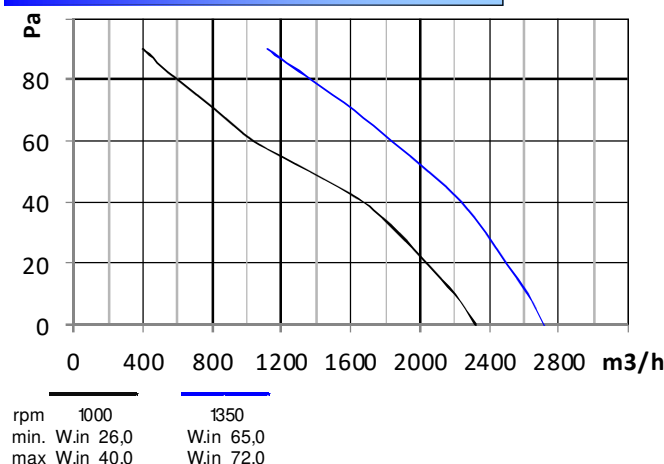
...21EB ... Ø300-27° 1000/1350rpm



...21EB ... Ø315-27° 1000/1350rpm



...21EB ... Ø350-23° 1000/1350rpm



Curve di portata

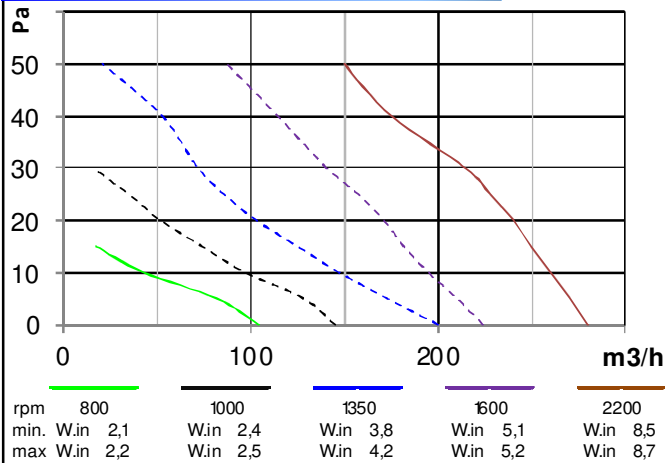
08 - 15 EC variable Ø 154 .. Ø 230

Performance curves

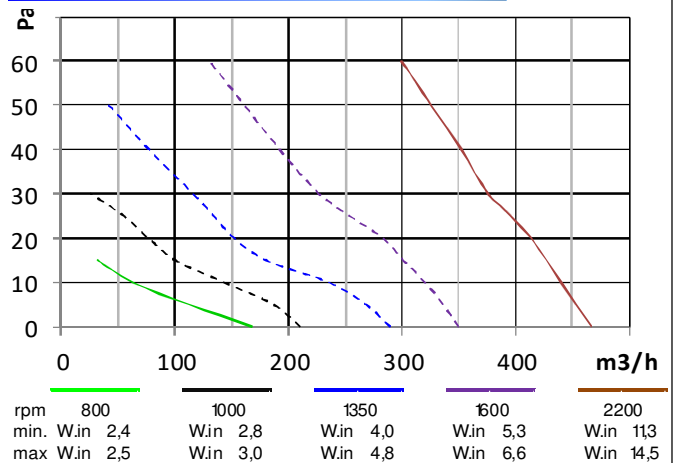
Courbes de débit

Luftleistungskennlinien

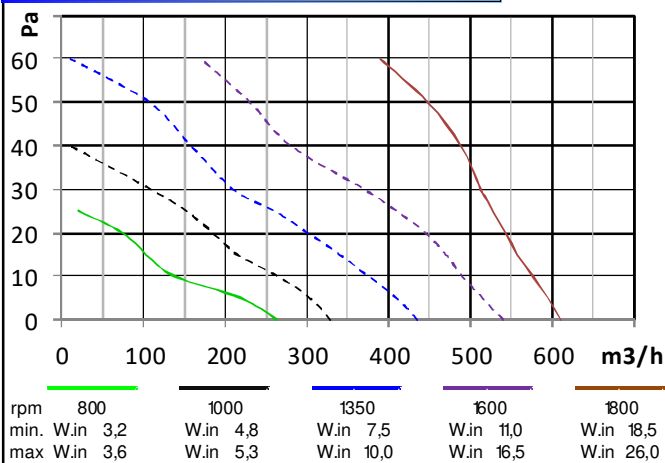
...08EC... Ø154-27° 800 ÷ 2200rpm



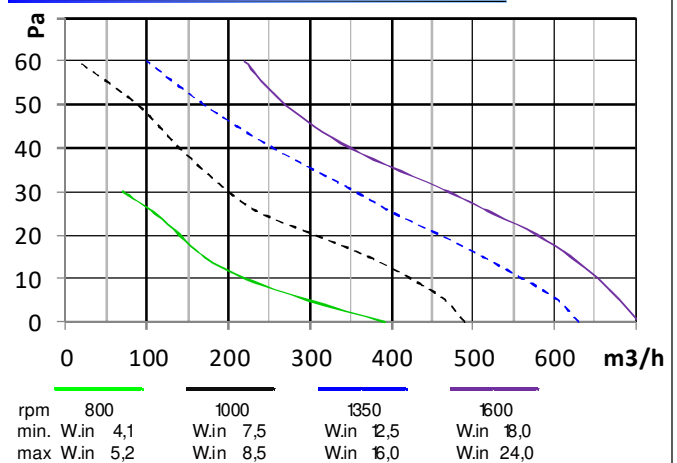
...08EC ... Ø172-27° 800 ÷ 2200rpm



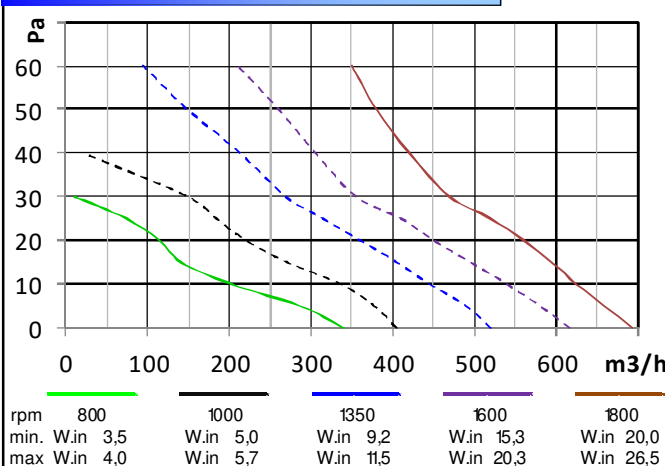
...08EC ... Ø200-28° 800 ÷ 1800rpm



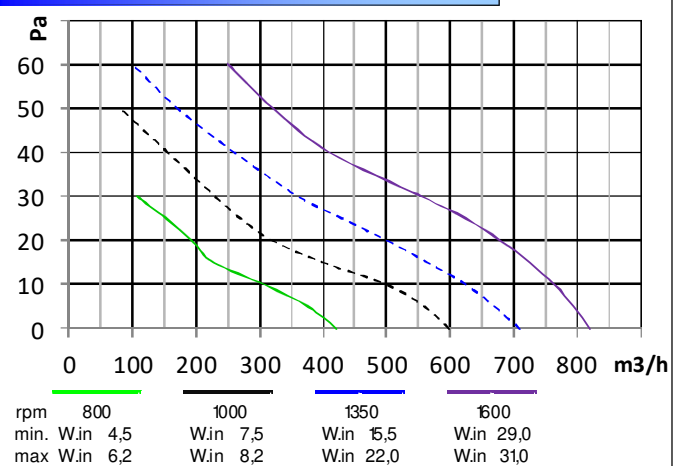
...08EC ... Ø230-23° 800 ÷ 1600rpm



...15EC ... Ø200-31° 800 ÷ 1800rpm



...15EC ... Ø230-27° 800 ÷ 1600rpm



Curve di portata

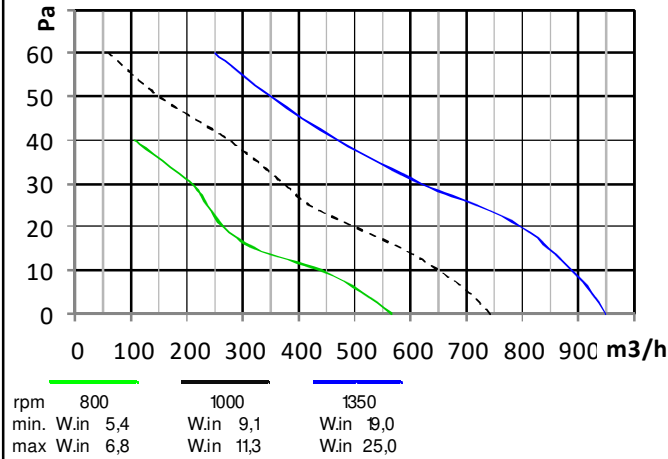
15 - 21 EC variable Ø 200 .. Ø 350

Performance curves

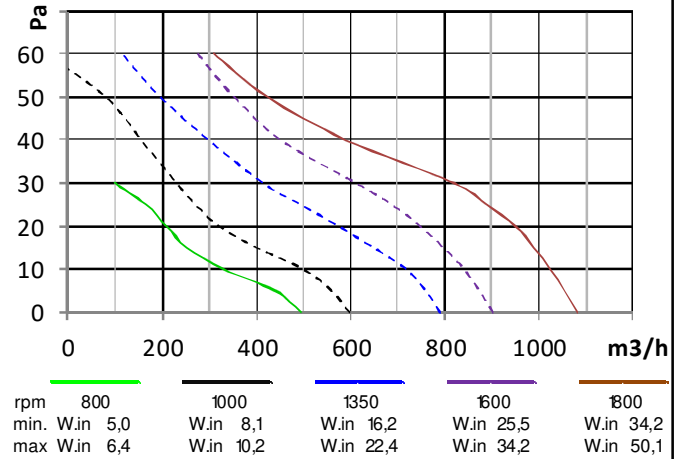
Courbes de débit

Luftleistungskennlinien

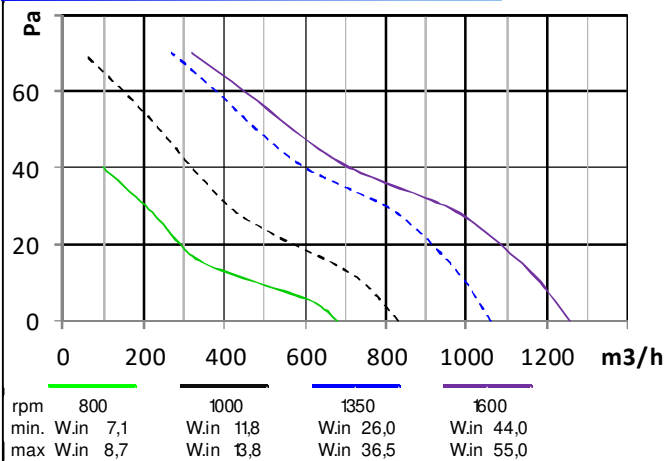
...15EC ... Ø254-28° 800 ÷ 1350rpm



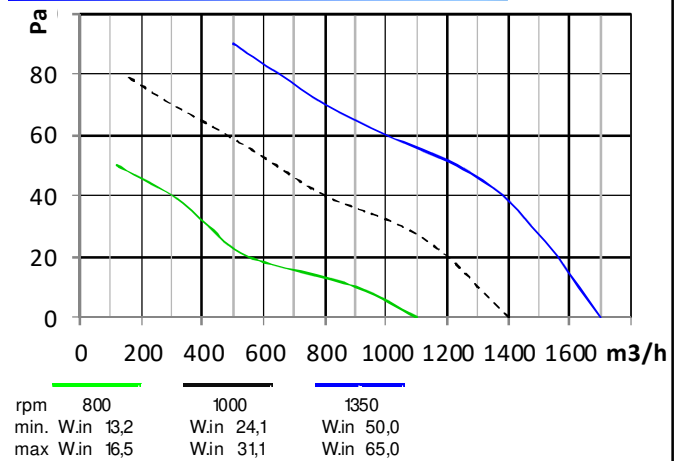
...21EC ... Ø230-31° 800 ÷ 1800rpm



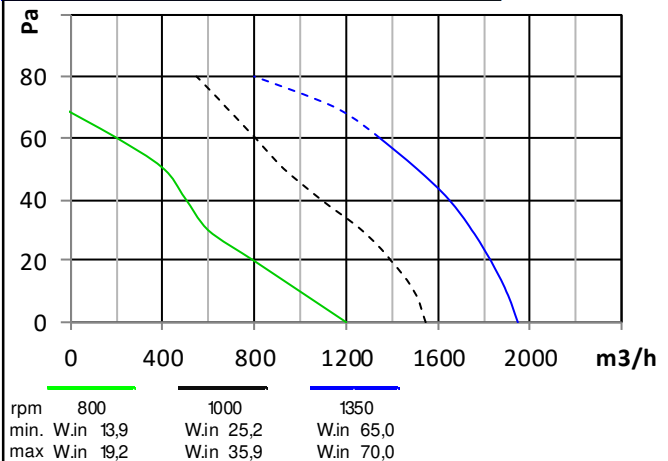
...21EC ... Ø254-31° 800 ÷ 1600rpm



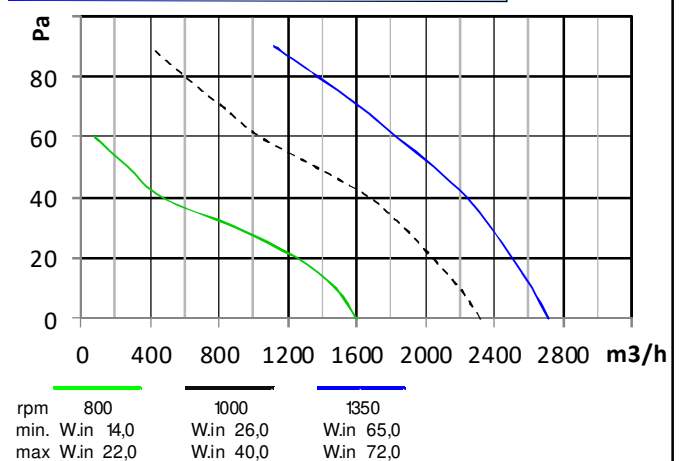
...21EC ... Ø300-27° 800 ÷ 1350rpm



...21EC ... Ø315-27° 800 ÷ 1350rpm



...21EC ... Ø350-23° 800 ÷ 1350rpm



Tutti i dati di questo catalogo sono indicativi e possono essere variati senza preavviso. All data are indicative and may change without notice.



Collegamenti elettrici

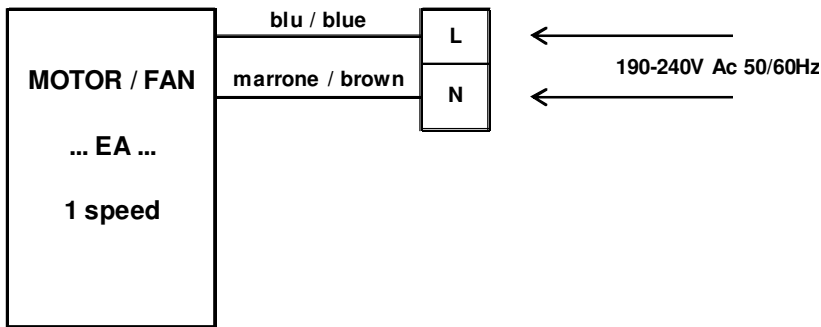
EA .. EB .. EC

Electric connection

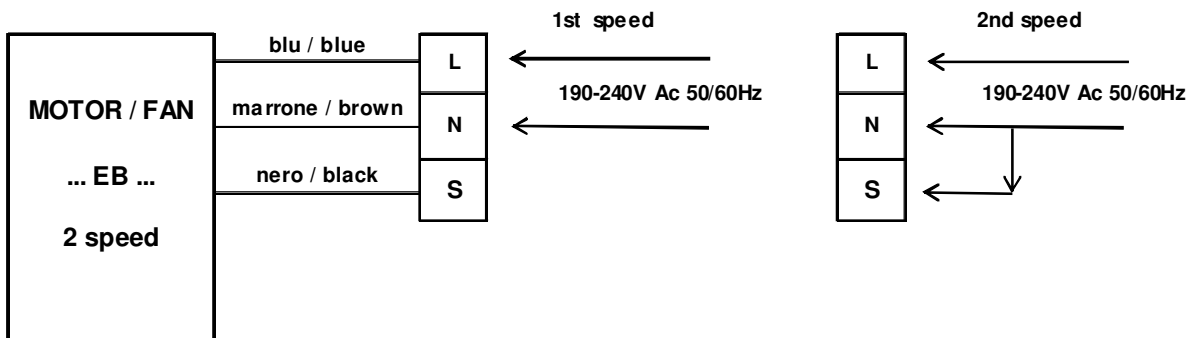
Connexion électrique

Elektrischer Anschluss

Serie .. EA.. 1 speed

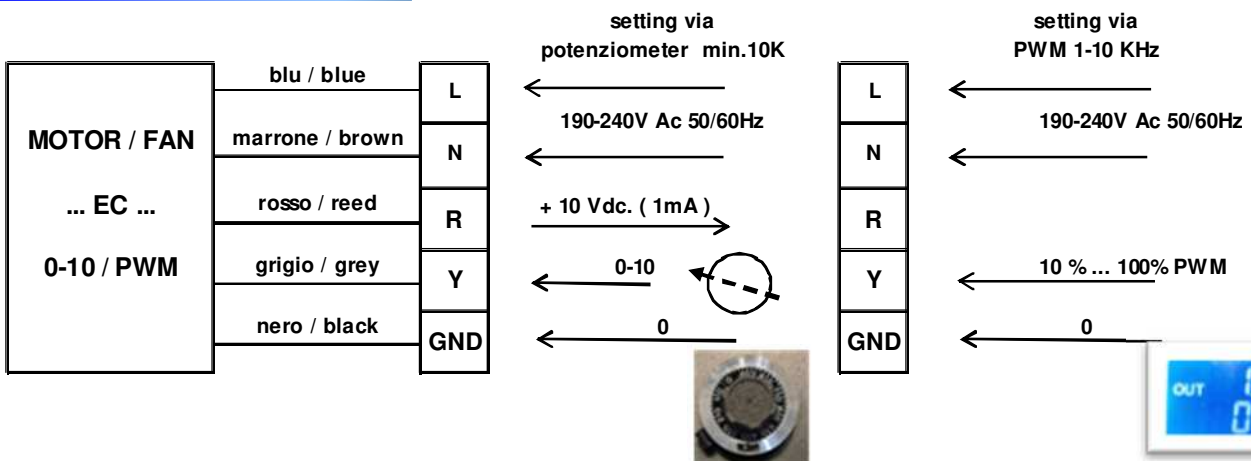


Serie .. EB.. 2 speed



Serie .. EC .. variable speed

by PWM or 0-10Vdc electrically isolated



Tutti i dati di questo catalogo sono indicativi e possono essere variati senza preavviso. All data are indicative and may change without notice.

