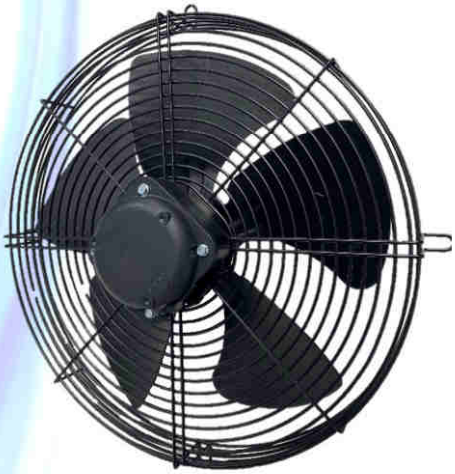
New - generation

MA-VIB since 1965

ECM universal power supply: from 100Vac to 240Vac









UA = 1 speed – 1350 rpm
UD = 1 speed – 1350 rpm reverse on demand
UE = 1 speed – 1350 rpm reverse on start
UB = 2 speeds – 2100 or 1600 / 1350 rpm
UC = variable speed 2500 or 1600 ÷ 800 rpm electrically isolated by external signal PWM or 0÷10Vdc. and output open collector signal

made in Italy

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*

Green tech line

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

100V-240V ECM fan 08-15-21

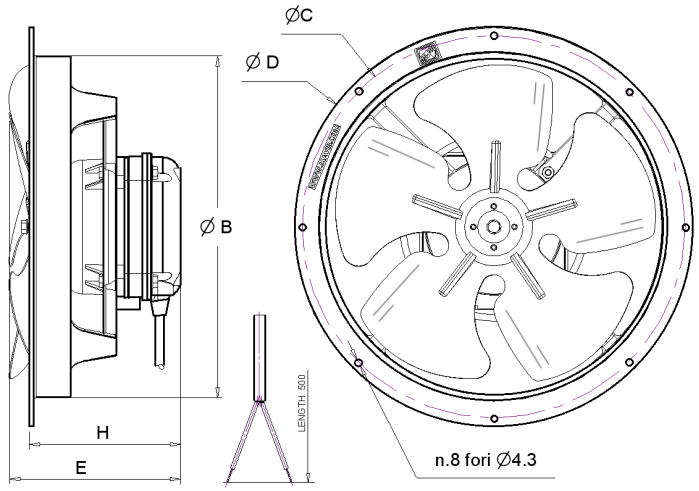
with ring & impeller ø154 ÷ ø300mm

Serie S *UB-UC*

Air direction

A.P.

A.A.



Electronic Commutated Motor 08 / 15 / 21 universal power supply 100-240 V – 50/60Hz				
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

on demand different rpm are available

Serie S ECM 100V-240V - 50/60Hz universal power supply

CODE	Lable data						Impeller	Dimensions					
	A.	W.in free air	W.in Max. Pa	Prot.	UB 2 speed (2)	UC PWM/0-10 (2)	code	A	B	C	D	E ±1,5	H
S08UB… S08UC…	0,16	6	14	Electr.	1800-1350 rpm	2500÷800 rpm	EL.5.154.27AA		175	190	200	98	91
					1800-1350 rpm	2000÷800 rpm	EL.5.172.27AA(*)		190	208	222	99	87
					1600-1350 rpm	1800÷800 rpm	LC.5.200.28AA		215	236	246	99	93
					1600-1350 rpm	1600÷800 rpm	EL.5.230.23AA		250	266	276	100	91
S15UB… S15UC…	0,26	18	24	Electr.	2100-1500 rpm	2100÷800 rpm	LC.5.200.34AA		215	236	246	98	93
					1600-1350 rpm	1600÷800 rpm	EL.5.230.27AA		250	266	276	102	91
					1600-1350 rpm	1600÷800 rpm	EL.5.254.19AA(*)		280	290	300	103	91
S21UB… S21UC…	0,58	23	55	Electr.	1600-1350 rpm	1800÷800 rpm	EL.5.230.31AA		250	266	276	123	91
					1600-1350 rpm	1600÷800 rpm	LC.5.254.34AA(*)		280	290	300	129	108
					1350-1000 rpm	1350÷800 rpm	EL.5.300.27AA(*)		310	344	356	137	108

(*) only metal ring "C.."

(2) see on Performance curves, for combined impeller relative W.in min. & max.
*On demand are available version **UA** = 1 speed 1350rpm and the same in variant **UD** reverce on demand or in variant **UE** reverce on start*

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100V-240V ECM fan 08-15-21

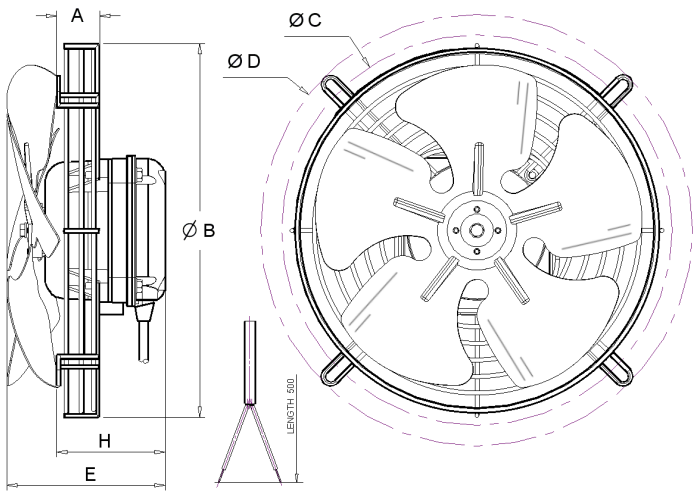
with fan guard & impeller ø154 ÷ ø350mm

Serie R *UB-UC*

Air direction

A.P. ←

A.A. →





-Rotation

Electronic Commutated Motor 08 / 15 / 21 universal power supply 100-240 V – 50/60Hz				
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

on demand different rpm are available

Serie R ECM 100V-240V - 50/60Hz universal power supply

CODE	Lable data						Impeller	Dimensions					
	A.	W.in free air	W.in Max. Pa	Prot.	UB 2 speed (2)	UC PWM/0-10 (2)	code	A	B	C	D	E ±1,5	H
R08UB... R08UC...	0,16	6	14	Electr.	1800-1350 rpm	2000÷800 rpm	EL.5.172.27AA	26	192	208	226	99	66
					1600-1350 rpm	1800÷800 rpm	LC.5.200.28AA	26	228	236	261	99	66
					1600-1350 rpm	1600÷800 rpm	EL.5.230.23AA	26	252	280	295	100	66
R15UB... R15UC...	0,26	18	24	Electr.	2100-1500 rpm	2100÷800 rpm	LC.5.200.34AA	26	228	236	261	98	66
					1600-1350 rpm	1600÷800 rpm	EL.5.230.27AA	26	252	280	295	102	66
					1600-1350 rpm	1600÷800 rpm	EL.5.254.19AA	26	271	289	309	103	66
R21UB... R21UC...	0,58	23	55	Electr.	1600-1350 rpm	1800÷800 rpm	EL.5.230.31AA	26	252	280	295	123	81
					1600-1350 rpm	1600÷800 rpm	LC.5.254.34AA	26	271	289	309	129	80
					1350-1000 rpm	1350÷800 rpm	EL.5.300.27AA	47	346	365	390	137	104
					1350-1000 rpm	1350÷800 rpm	EL.5.315.27AA	47	346	365	390	139	104
					1350-1000 rpm	1350÷800 rpm	EL.5.350.23AA	53	388	420	438	128	110

(2) see on Performance curves, for combined impeller relative W.in min. & max.
*On demand are available version **UA** = 1 speed 1350rpm and the same in variant **UD** reverce on demand or in variant **UE** reverce on start*

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100V-240V ECM fan 08-15-21

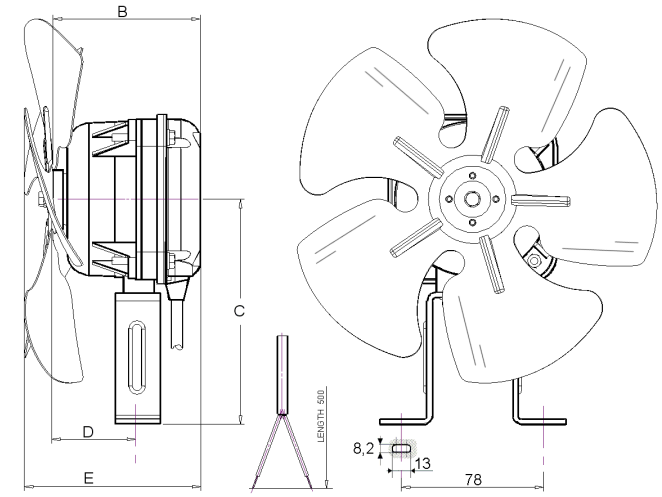
with bracket & impeller ø154 ÷ ø300mm

Serie E *UB-UC*

Air direction

A.P.

A.A.



-Rotation

Electronic Commutated Motor 08 / 15 / 21 universal power supply 100-240 V – 50/60Hz				
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

on demand different rpm are available

Serie E ECM 100V-240V - 50/60Hz universal power supply

CODE	Lable data						Impeller	Dimensions					
	A.	W.in free air	W.in Max. Pa	Prot.	UB 2 speed (2)	UC PWM/0-10 (2)	code	A	B	C	D	E ±1,5	H
E08UB… E08UC…	0,16	6	14	Electr.	1800-1350 rpm	2500÷800 rpm	EL.5.154.27AA		80	90	46	98	
					1800-1350 rpm	2000÷800 rpm	EL.5.172.27AA		80	103	46	99	
					1600-1350 rpm	1800÷800 rpm	LC.5.200.28AA		80	122	46	99	
					1600-1350 rpm	1600÷800 rpm	EL.5.230.23AA		80	134	46	100	
E15UB… E15UC…	0,26	18	24	Electr.	2100-1500 rpm	2100÷800 rpm	LC.5.200.34AA		80	122	46	98	
					1600-1350 rpm	1600÷800 rpm	EL.5.230.27AA		80	134	46	102	
					1600-1350 rpm	1600÷800 rpm	EL.5.254.19AA		80	134	46	103	
E21UB… E21UC…	0,58	23	55	Electr.	1600-1350 rpm	1800÷800 rpm	EL.5.230.31AA		100	134	48	123	
					1600-1350 rpm	1600÷800 rpm	LC.5.254.34AA		100	134	48	129	
					1350-1000 rpm	1350÷800 rpm	EL.5.300.27AA		100	160	48	137	

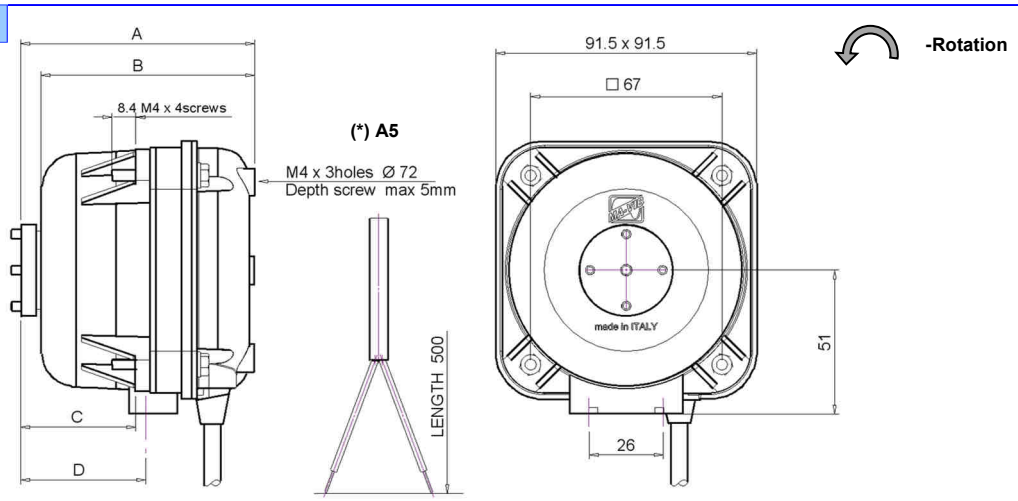
(2) see on Performance curves, for combined impeller relative W.in min. & max.
*On demand are available version **UA** = 1 speed 1350rpm and the same in variant **UD** reverce on demand or in variant **UE** reverce on start*

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

100V-240V ECM motors 08-15-21

multi fixing for impeller Ø 154 ÷ Ø 350mm

Serie EFCR *UA*



Electronic Commutated Motor 08 / 15 / 21 universal power supply 100-240 V – 50/60Hz				
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

on demand different rpm are available

Serie EFCR 08/15/21 UA ECM 100V-240V - 50/60Hz universal power supply

CODE	Lable 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. °	
EFCR08UA.A2/A5	1 Speed	1350	0,16	6	14	Electr.	80	73	40,5	44	154	19° ÷ 31°	(2)
											172	19° ÷ 31°	
											200	19° ÷ 27°	
											230	19° ÷ 23°	
EFCR15UA.A2/A5	1 Speed	1350	0,26	18	24	Electr.	80	73	40,5	44	200	27° ÷ 34° (LC)	
											230	23° ÷ 27°	
											254	19° ÷ 28° (LC)	
EFCR21UA.A2/A5	1 Speed	1350	0,58	23	55	Electr.	100	90	43	46	230	27° ÷ 31°	
											254	27° ÷ 34° (LC)	
											300	19° ÷ 27°	
											315	19° ÷ 27°	
											350	19° ÷ 23°	

(2) see on Performance curves, for combined impeller relative W.in min. & max.

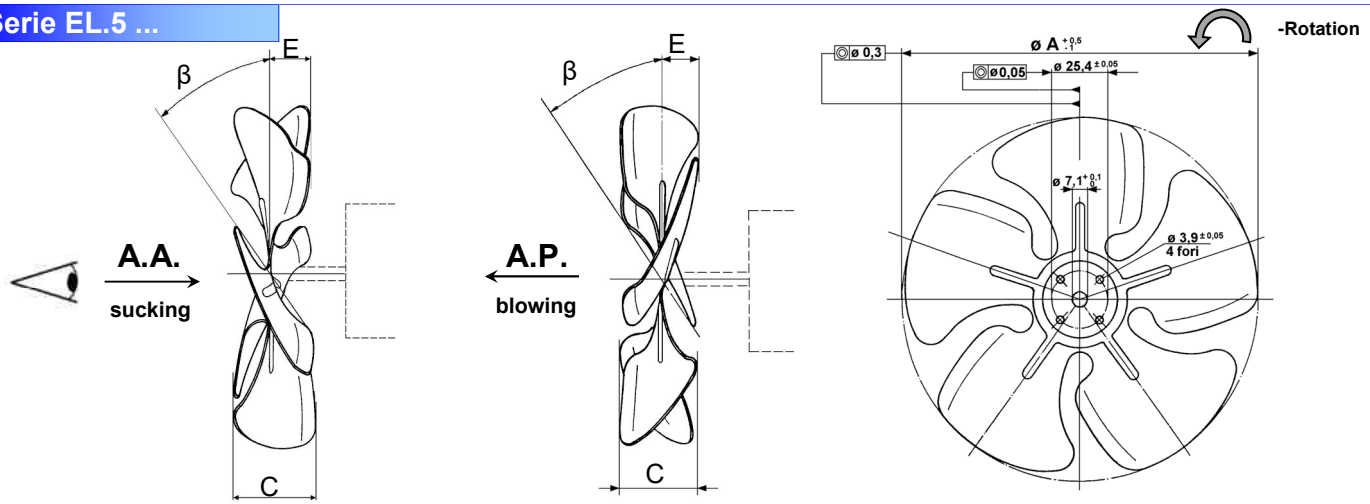
*On demand is available : **UD** reverce on demand / **UE** reverce on start / **UB** version 2 speeds as per Serie S / R / E*

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Aluminium impeller

5 blades

Serie EL.5 ...



Serie EL.5 ...

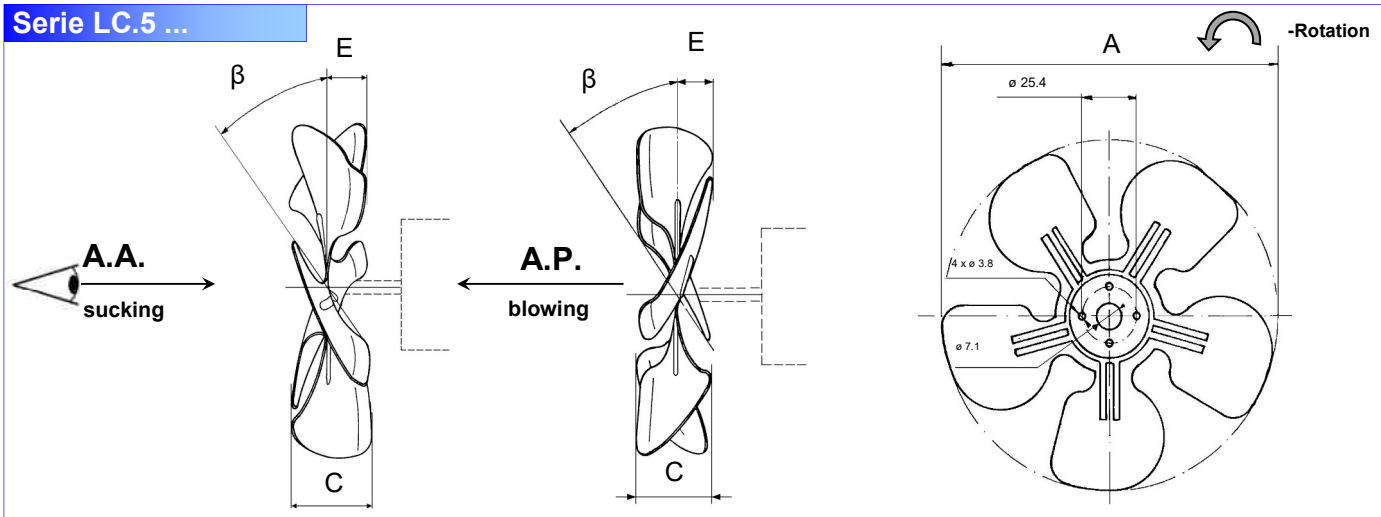
CODE	Dimensions						Motors combination
	A ø, mm	ß Incl, °	C ± 2mm A.A.	C ± 2mm A.P.	E ± 1.5mm A.A.	E ± 1.5mm A.P.	
EL . 5 . 154 . 19	154	19°	20	26	11	12	See each motor vesion
EL . 5 . 154 . 23	154	23°	25	30	12	12	
EL . 5 . 154 . 27	154	27°	29	35	12	16	
EL . 5 . 154 . 31	154	31°	32	41	12	20	
EL . 5 . 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	-	

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Aluminium impeller

5 blades

Serie LC.5 ...



Serie LC.5 ...

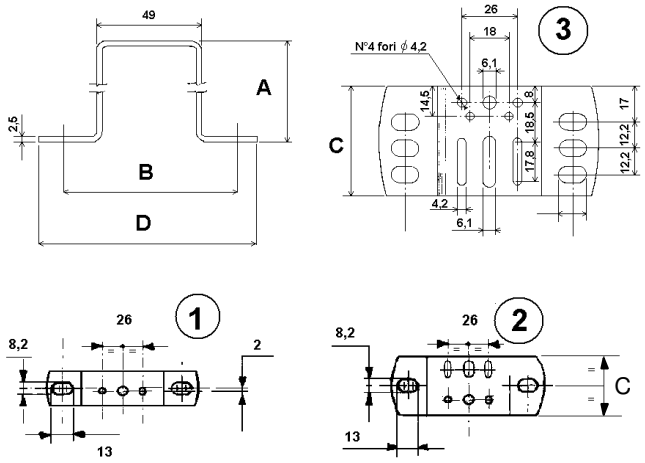
CODE	Dimensions						Motors combination
	A	ß	C ± 2mm		E ± 1.5mm		
	ø, mm	Incl, °	A.A.	A.P.	A.A.	A.P	
LC . 5 . 172 . 22	172	22°					See each motor vesion
LC . 5 . 172 . 28	172	28°	36		17		
LC . 5 . 172 . 34	172	34°	42		26		
LC . 5 . 200 . 22	200	22°					
LC . 5 . 200 . 28	200	28°	37		18		
LC . 5 . 200 . 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		

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

Accessories

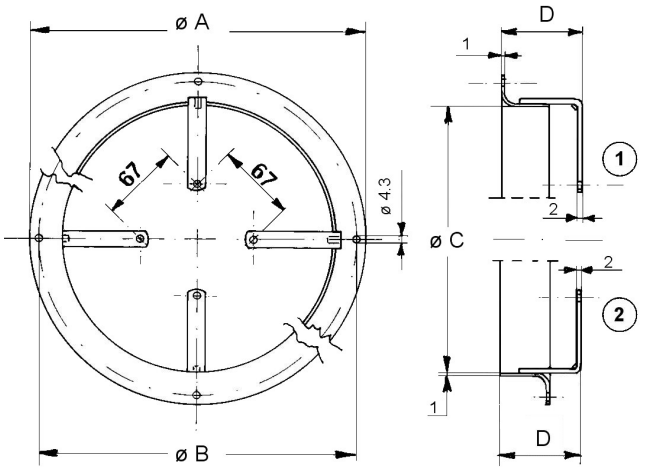
universal ECM motors 08-15-21

Staffe - Bracket - Support - Fuß



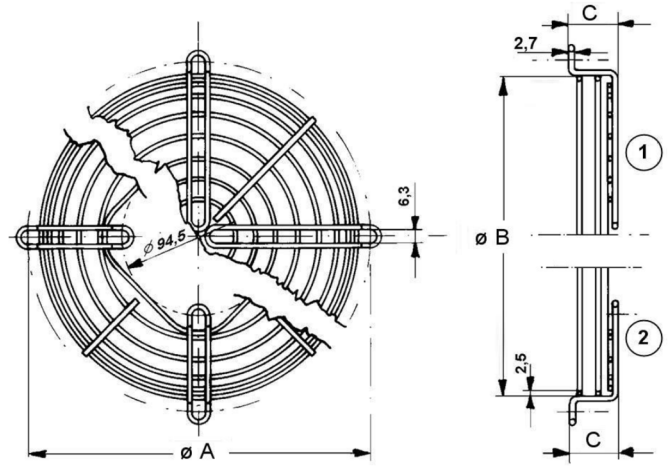
CODE	Dimensions				Pacco	Fig.
	A	B	C	D	mm	
087.0119.0000	39	78	25	101	13/20	1
087.0102.0000	52	78	25	101	13/20	
087.0100.0000	71	78	25	101	13/20	
087.0101.0000	83	78	25	101	20/25	
087.0116.0000	83	78	42	101	30	2
087.0120.0000	83	78	52	101	30/40/45	3
087.0125.0000	108,5	78	52	101		
087.0123.0000	55	130	25	153	13/20	1
087.0212.0000	72	133	25	156	13/20	
087.0211.0000	72	159	25	182	13/20	
087.0213.0000	110,5	154	52	177	30/40/45	3

Boccagli - Ring - Virole - Ring



CODE	Dimensions				Impeller	Fig.
	A	B	C	D	ø, mm	
079.0301.0000	200	190	162	46	154	1
079.0303.0000	222	208	180	46,5	172	
079.0305.0000	246	236	208	47	200	
079.0309.0000	276	266	238	51	230	
079.0308.0000	300	290	262	51	254	
079.0310.0000	356	344	308	51	300	
079.0201.0000	200	190	162	46	154	2
079.0203.0000	222	208	180	46,5	172	
079.0205.0000	246	236	208	46,5	200	
079.0212.0000	276	266	238	51	230	
079.0209.0000	300	290	262	51	254	
079.0210.0000	356	344	308	51	300	

Reti - Fanguard - Grille - Schutzgit-



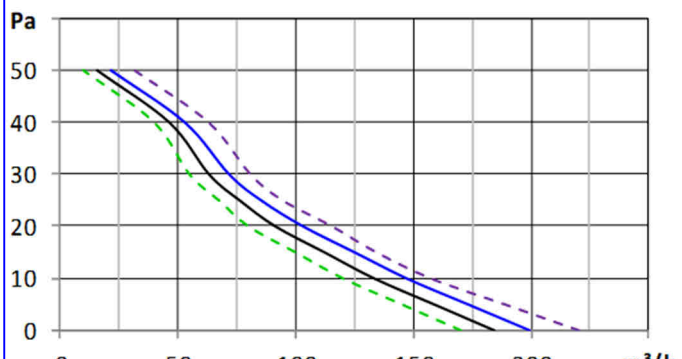
CODE	Dimensions				Impeller	Fig.
	A	B	C		ø, mm	
036.0304.0000	208	188	26		172	1
036.0312.0000	236	226	26		200	
036.0300.0000	270	246	26		230	
036.0301.0000	290	267	36		254	
036.0412.0005	365	340	50		300	
036.0305.0000	208	188	26		172	2
036.0203.0000	236	223	26		200	
036.0200.0000	280	246	26		230	
036.0201.0000	289	266	26		254	
036.0201.0037	289	266	37		254	
036.0412.0000	365	340	47		300	
036.0354.0000	420	380	53		350	

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

Performances curves

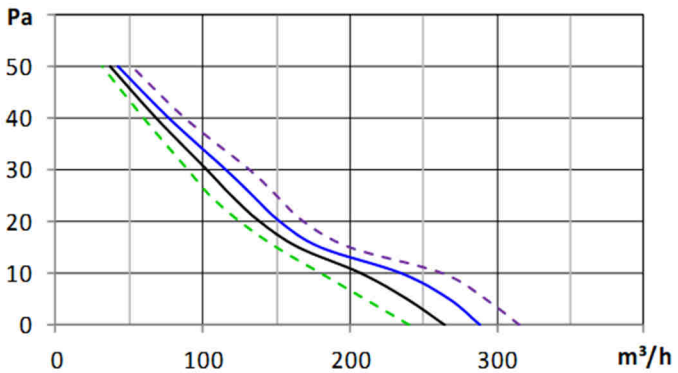
1 speed ECM fans Ø154mm ÷ Ø230mm

08UA ... Ø154 — 1350rpm



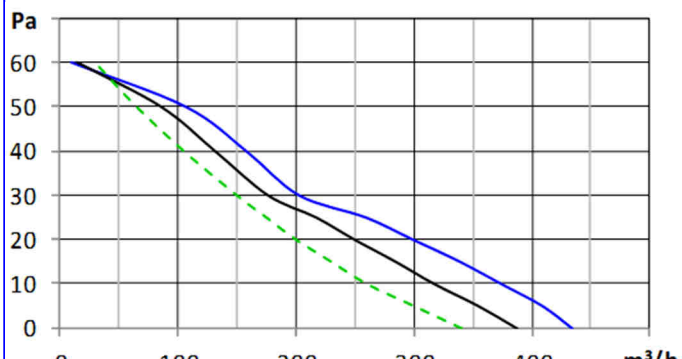
	19 °	23 °	27 °	31 °
min.	W.in 3,0	W.in 3,5	W.in 3,8	W.in 3,9
max	W.in 3,2	W.in 3,7	W.in 3,9	W.in 4,1

08UA ... Ø172 — 1350rpm



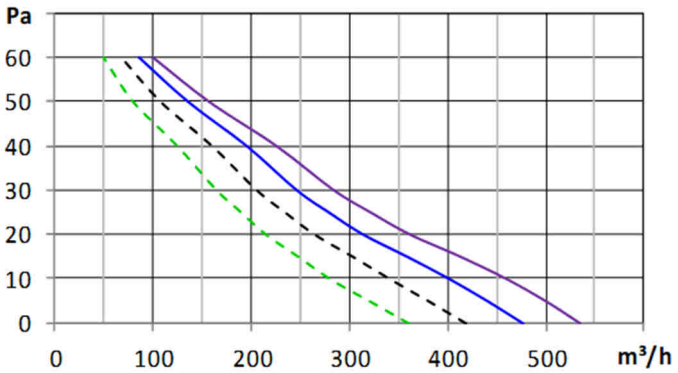
	19 °	23 °	27 °	31 °
min.	W.in 4,0	W.in 4,2	W.in 4,5	W.in 4,8
max	W.in 4,7	W.in 5,1	W.in 5,9	W.in 6,2

08UA ... Ø200 — 1350rpm



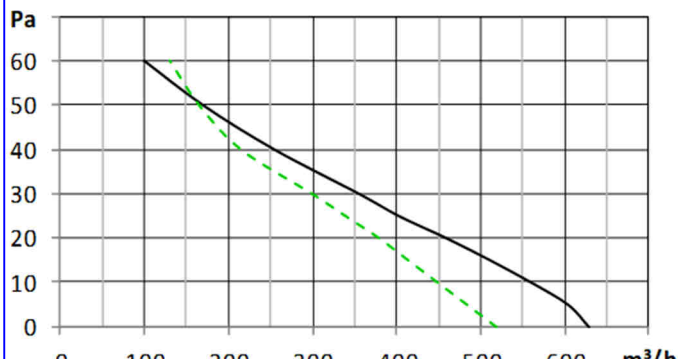
	19 °	23 °	27 °
min.	W.in 6,0	W.in 7,0	W.in 7,5
max	W.in 7,5	W.in 8,5	W.in 10,0

15UA ... Ø200 — 1350rpm



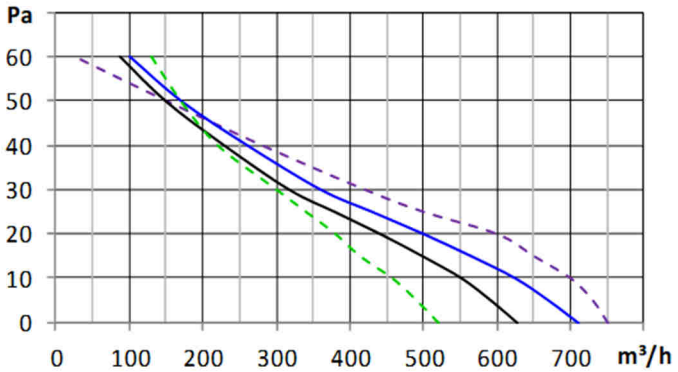
	19 °	23 °	27 °	31 °
min.	W.in 6,2	W.in 7,1	W.in 7,8	W.in 9,2
max	W.in 8,0	W.in 8,8	W.in 10,2	W.in 11,5

08UA ... Ø230 — 1350rpm



	19 °	23 °
min.	W.in 7,5	W.in 12,5
max	W.in 11,0	W.in 16,0

15UA ... Ø230 — 1350rpm



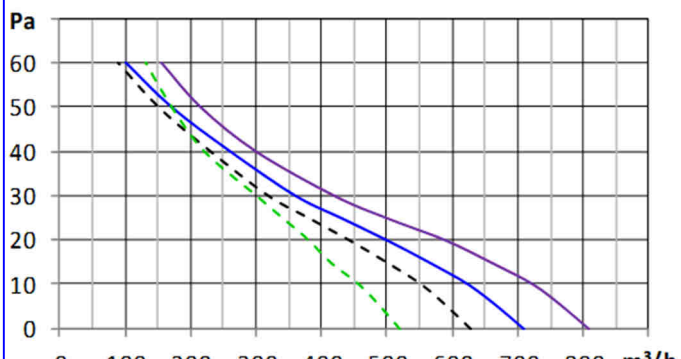
	19 °	23 °	27 °	31 °
min.	W.in 8,0	W.in 12,0	W.in 15,5	W.in 18,0
max	W.in 12,0	W.in 17,5	W.in 22,0	W.in 26,0

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

Performances curves

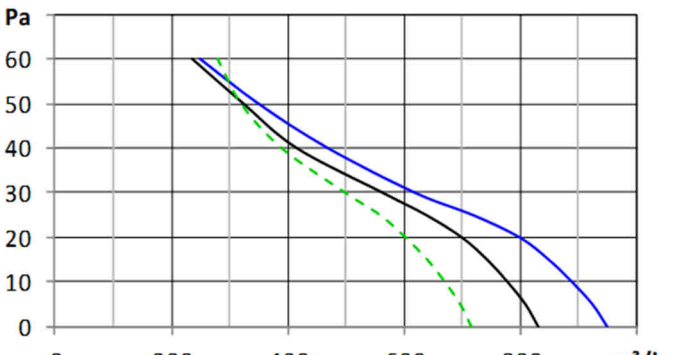
1 speed ECM fans Ø230mm ÷ Ø350mm

21UA ... Ø230 — 1350rpm



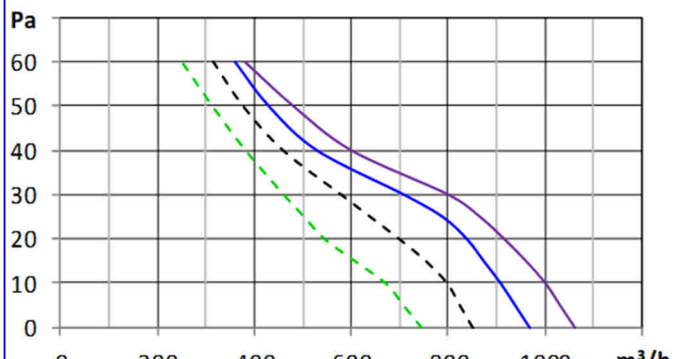
	19 °	23 °	27 °	31 °
min. W.in	9,3	11,9	14,0	16,2
max W.in	11,0	15,2	19,5	22,4

15UA ... Ø254 — 1350rpm



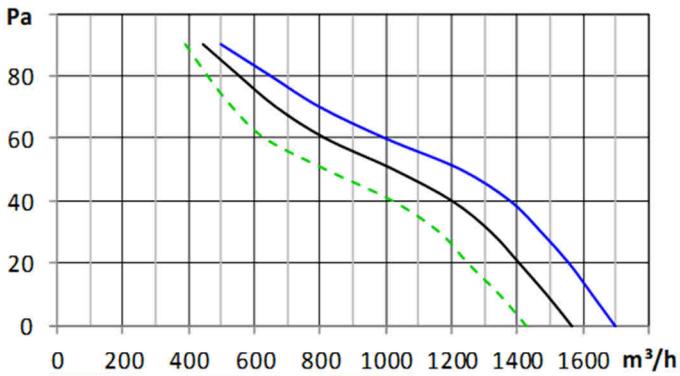
	22 °	25 °	28 °
min. W.in	12,0	19,0	24,5
max W.in	17,0	25,0	31,0

21UA ... Ø254 — 1350rpm



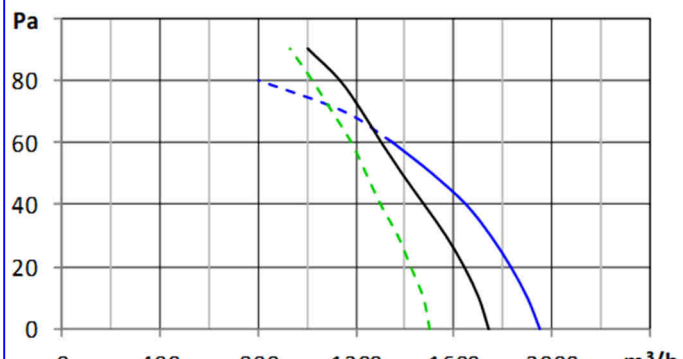
	19 °	23 °	27 °	31 °
min. W.in	12,0	15,0	21,0	26,5
max W.in	18,5	23,0	30,0	36,5

21UA ... Ø300 — 1350rpm



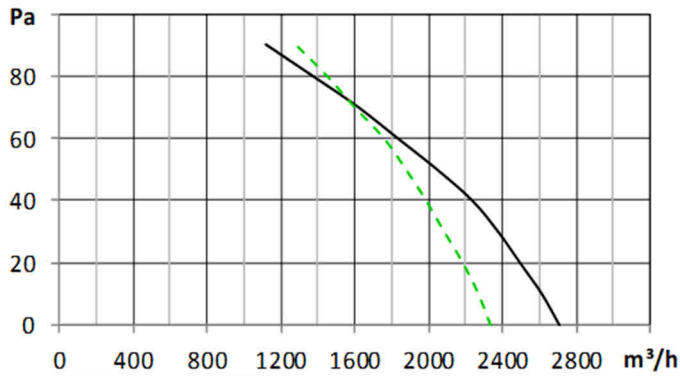
	19 °	23 °	27 °
min. W.in	27,0	29,7	50,0
max W.in	38,0	42,0	65,0

21UA ... Ø315 — 1350rpm



	19 °	23 °	27 °
min. W.in	43,0	50,0	55,0
max W.in	60,0	65,0	70,0

21UA ... Ø350 — 1350rpm



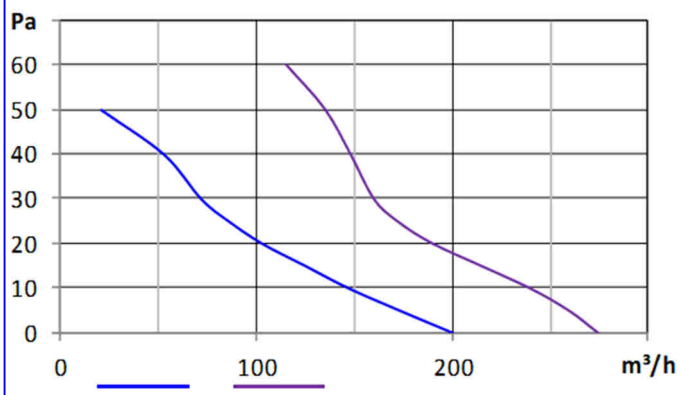
	19 °	23 °
min. W.in	52,0	65,0
max W.in	65,0	72,0

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Performances curves

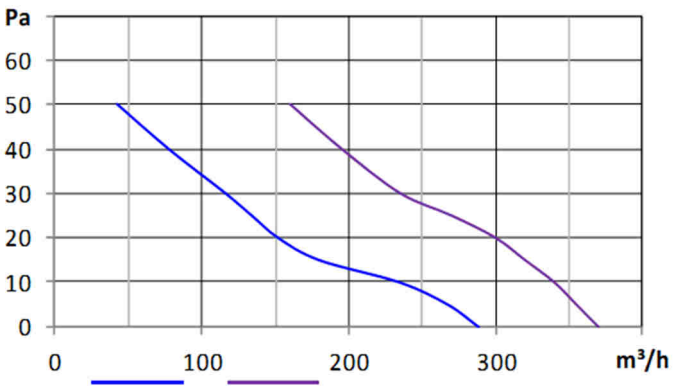
2 speed ECM fans Ø154mm ÷ Ø230mm

08UB.. Ø154-27° 1800-1350rpm



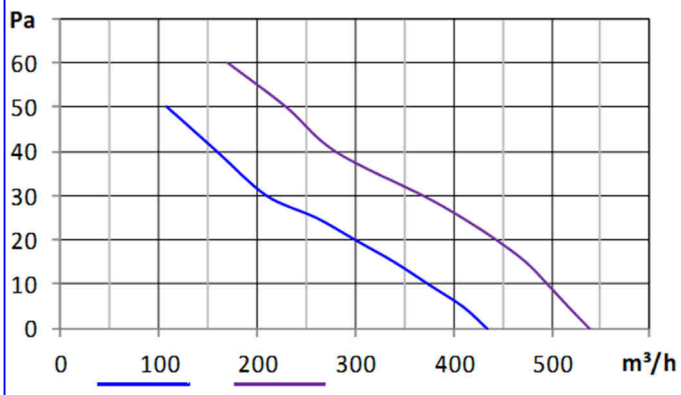
rpm	1350	1800
min.	W.in 3,8	W.in 5,1
max	W.in 4,2	W.in 5,2

08UB.. Ø172-27° 1800-1350rpm



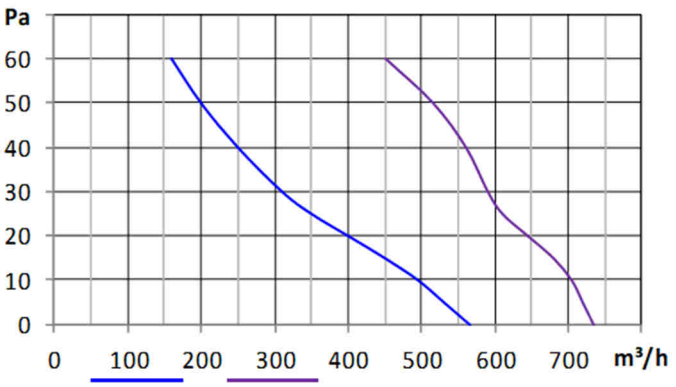
rpm	1350	1800
min.	W.in 4,0	W.in 8,9
max	W.in 4,8	W.in 11,0

08UB.. Ø200-28° 1600-1350rpm



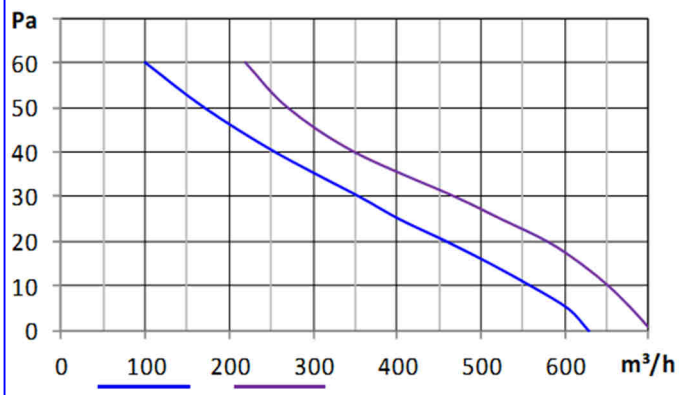
rpm	1350	1600
min.	W.in 7,5	W.in 11,0
max	W.in 10,0	W.in 16,5

15UB.. Ø200-34° 2100-1500rpm



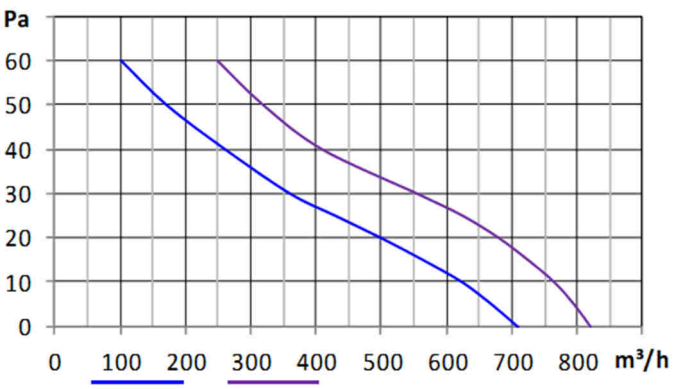
rpm	1500	2100
min.	W.in 13,5	W.in 28,0
max	W.in 16,5	W.in 30,5

08UB.. Ø230-23° 1600-1350rpm



rpm	1350	1600
min.	W.in 12,5	W.in 18,0
max	W.in 16,0	W.in 24,0

15UB.. Ø230-27° 1600-1350rpm



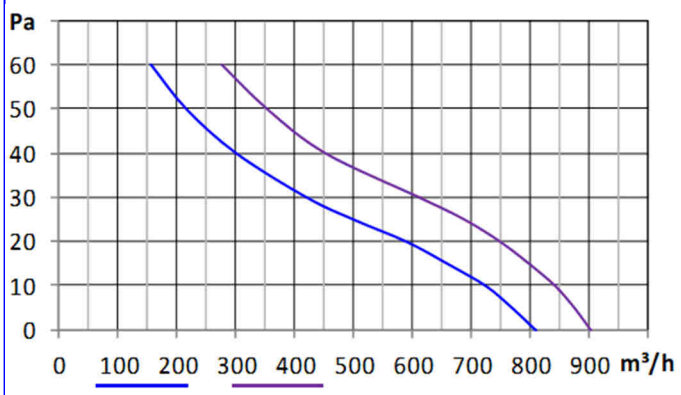
rpm	1350	1600
min.	W.in 15,5	W.in 29,0
max	W.in 22,0	W.in 31,0

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Performances curves

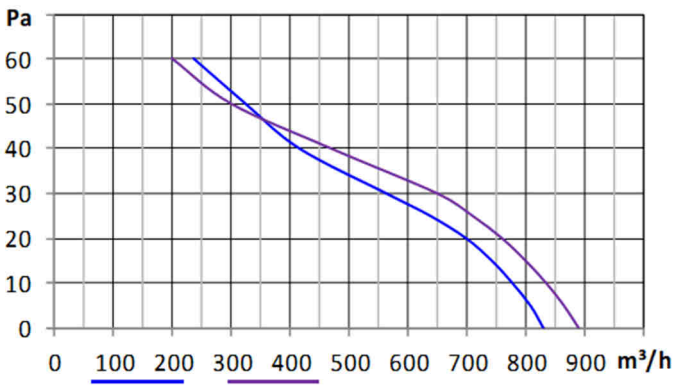
2 speed ECM fans Ø230mm ÷ Ø350mm

21UB.. Ø230-31° 1600-1350rpm



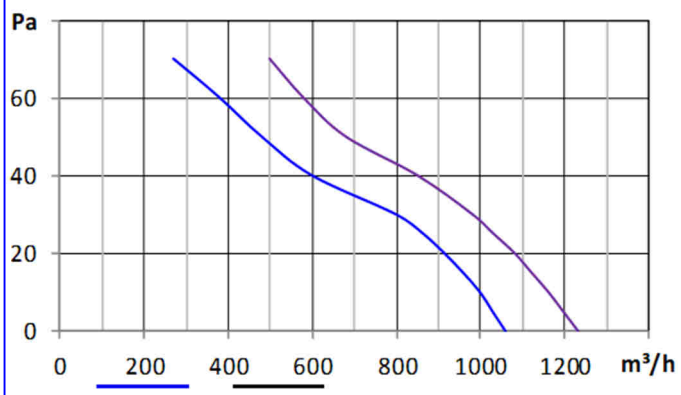
rpm	1350	1600
min.	W.in 16,2	W.in 25,5
max	W.in 22,4	W.in 34,2

15UB.. Ø254-19° 1600-1350rpm



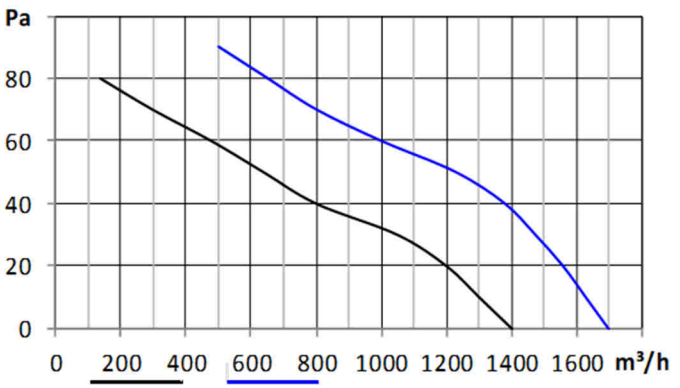
rpm	1350	1600
min.	W.in 19,0	W.in 22,5
max	W.in 25,0	W.in 29,0

21UB.. Ø254-34° 1600-1350rpm



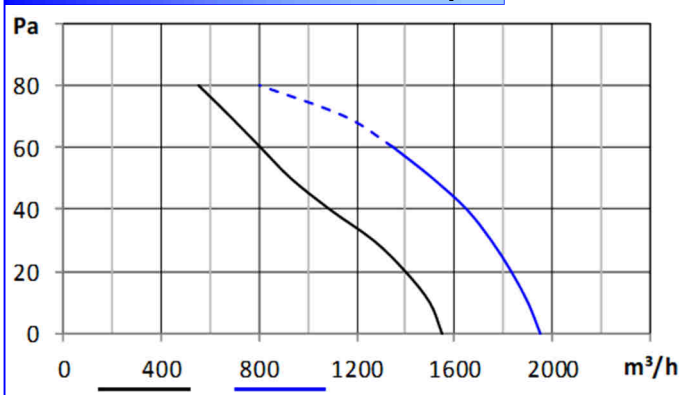
rpm	1350	1600
min.	W.in 26,0	W.in 44,0
max	W.in 36,5	W.in 55,0

21UB.. Ø300-27° 1350-1000rpm



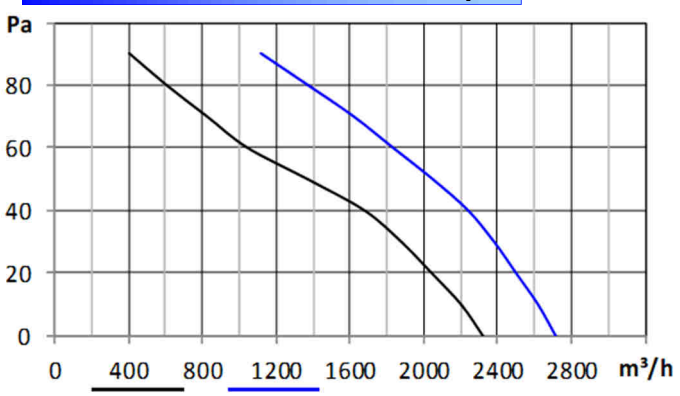
rpm	1000	1350
min.	W.in 24,1	W.in 50,0
max	W.in 311	W.in 65,0

21UB.. Ø315-27° 1350-1000rpm



rpm	1000	1350
min.	W.in 25,2	W.in 65,0
max	W.in 35,9	W.in 70,0

21UB.. Ø350-23° 1350-1000rpm



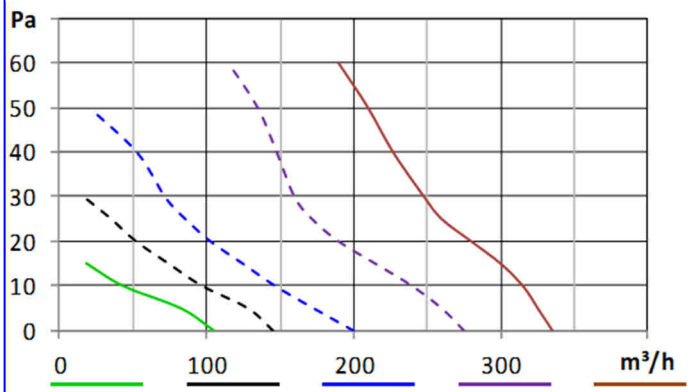
rpm	1000	1350
min.	W.in 26,0	W.in 65,0
max	W.in 40,0	W.in 72,0

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Performances curves

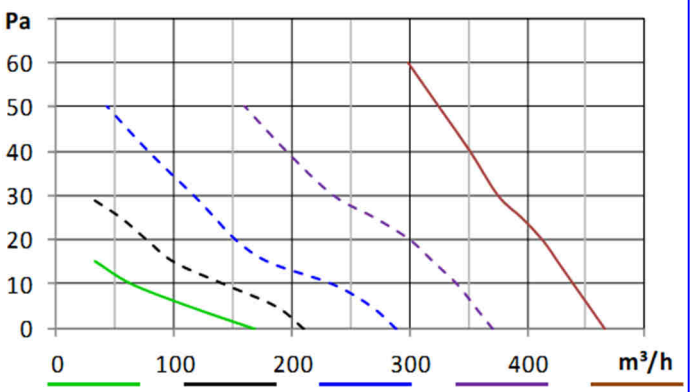
0-10 variable speed ECM fans Ø154 ÷ Ø230mm

08UC.. Ø154-27° 2500 ÷ 800rpm



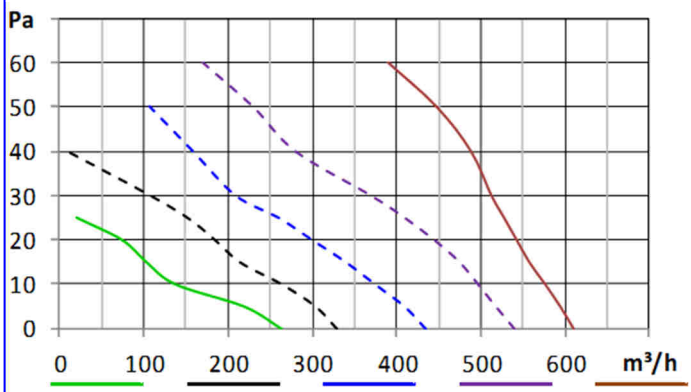
rpm	800	1000	1350	1800	2500
min.	W.in 2,1	W.in 2,4	W.in 3,8	W.in 5,1	W.in 12,0
max	W.in 2,2	W.in 2,5	W.in 4,2	W.in 5,2	W.in 14,0

08UC.. Ø172-27° 2200 ÷ 800rpm



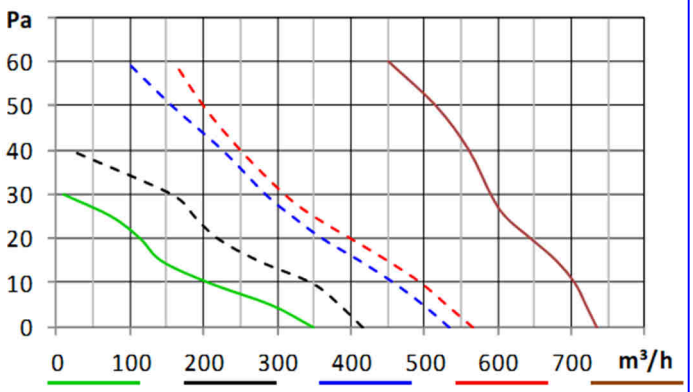
rpm	800	1000	1350	1800	2200
min.	W.in 2,4	W.in 2,8	W.in 4,0	W.in 8,9	W.in 11,3
max	W.in 2,5	W.in 3,0	W.in 4,8	W.in 11,0	W.in 14,5

08UC.. Ø200-28° 1800 ÷ 800rpm



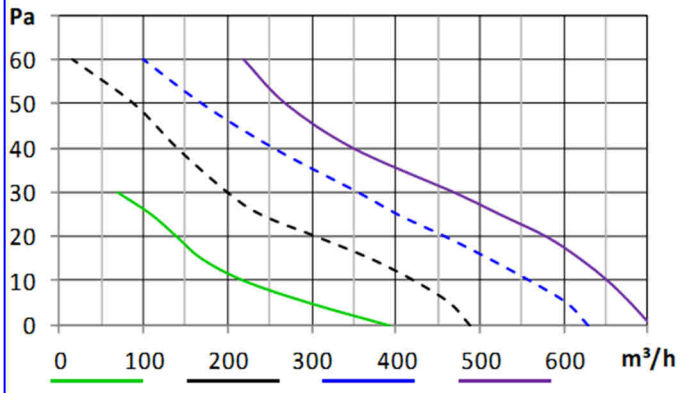
rpm	800	1000	1350	1600	1800
min.	W.in 3,2	W.in 4,8	W.in 7,5	W.in 11,0	W.in 18,5
max	W.in 3,6	W.in 5,3	W.in 10,0	W.in 16,5	W.in 26,0

15UC.. Ø200-34° 2100 ÷ 800rpm



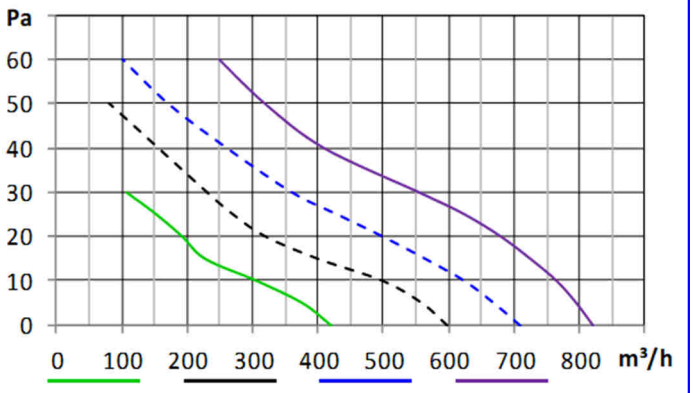
rpm	800	1000	1350	1500	2100
min.	W.in 3,5	W.in 5,0	W.in 9,2	W.in 13,5	W.in 28,0
max	W.in 4,0	W.in 5,7	W.in 11,5	W.in 16,5	W.in 30,5

08UC.. Ø230-23° 1600 ÷ 800rpm



rpm	800	1000	1350	1600
min.	W.in 4,1	W.in 7,5	W.in 12,5	W.in 18,0
max	W.in 5,2	W.in 8,5	W.in 16,0	W.in 24,0

15UC.. Ø230-27° 1600 ÷ 800rpm



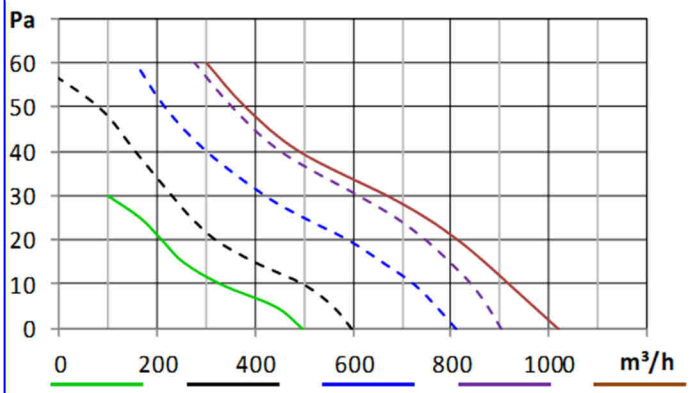
rpm	800	1000	1350	1600
min.	W.in 4,5	W.in 7,5	W.in 15,5	W.in 29,0
max	W.in 6,2	W.in 8,2	W.in 22,0	W.in 31,0

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Performances curves

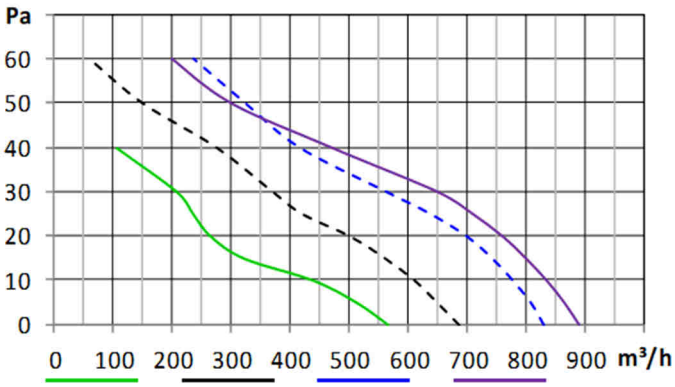
0-10 variable speed ECM fans Ø230 ÷ Ø350mm

21UC.. Ø230-31° 1800 ÷ 800rpm



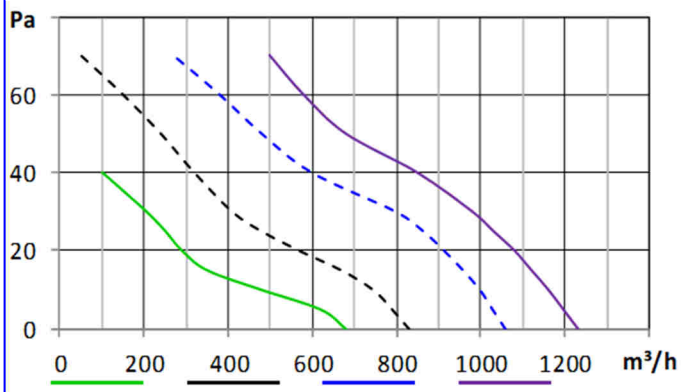
rpm	800	1000	1350	1600	1800
min.	W.in 5,0	W.in 8,1	W.in 16,2	W.in 25,5	W.in 34,2
max	W.in 6,4	W.in 10,2	W.in 22,4	W.in 34,2	W.in 50,1

15UC.. Ø254-19° 1600 ÷ 800rpm



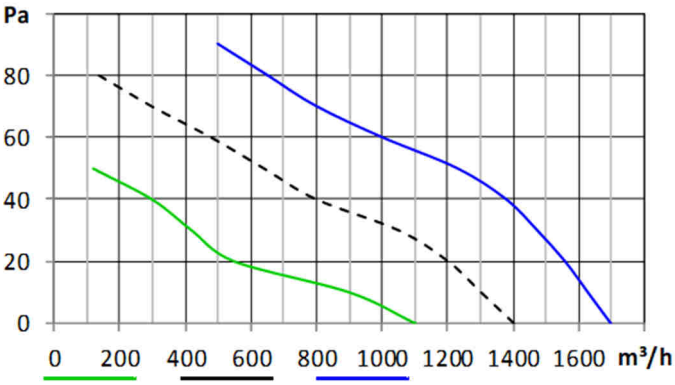
rpm	800	1000	1350	1600
min.	W.in 5,4	W.in 9,1	W.in 19,0	W.in 22,5
max	W.in 6,8	W.in 11,3	W.in 25,0	W.in 29,0

21UC.. Ø254-34° 1600 ÷ 800rpm



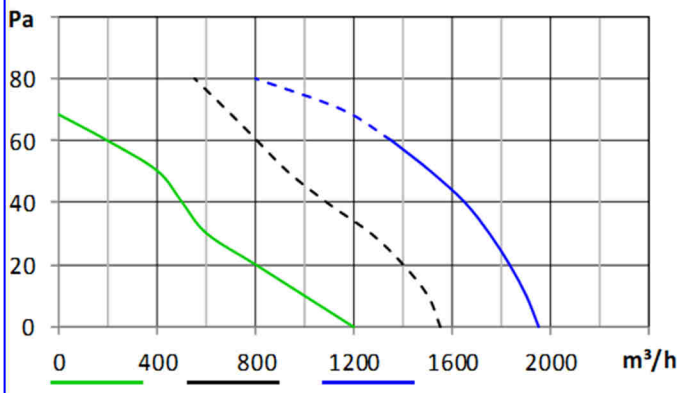
rpm	800	1000	1350	1600
min.	W.in 7,1	W.in 11,8	W.in 26,0	W.in 44,0
max	W.in 8,7	W.in 13,8	W.in 36,5	W.in 55,0

21UC.. Ø300-27° 1350 ÷ 800rpm



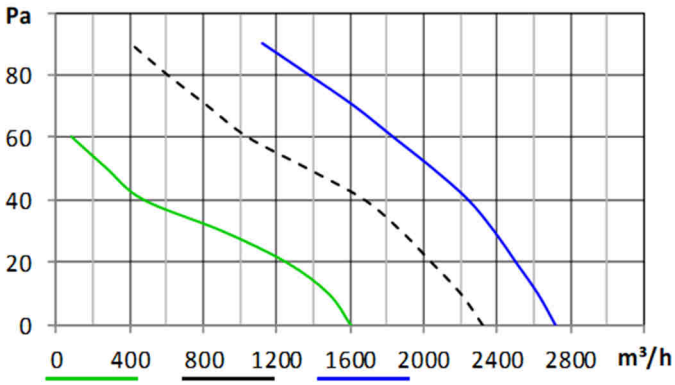
rpm	800	1000	1350
min.	W.in 13,2	W.in 24,1	W.in 50,0
max	W.in 15,5	W.in 31,1	W.in 65,0

21UC.. Ø315-27° 1350 ÷ 800rpm



rpm	800	1000	1350
min.	W.in 13,9	W.in 25,2	W.in 65,0
max	W.in 19,2	W.in 35,9	W.in 70,0

21UC.. Ø350-23° 1350 ÷ 800rpm



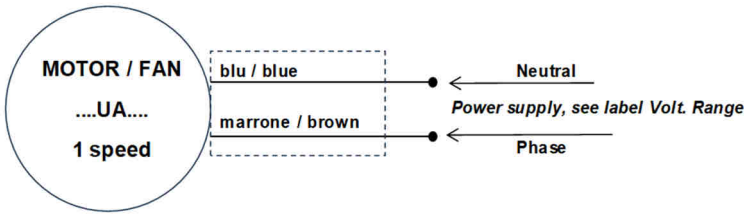
rpm	800	1000	1350
min.	W.in 14,0	W.in 26,0	W.in 65,0
max	W.in 22,0	W.in 40,0	W.in 72,0

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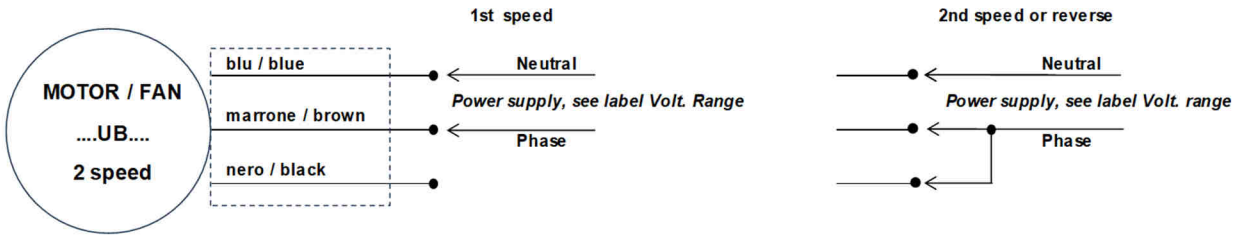
ECM electric connection

UA - UB - UC

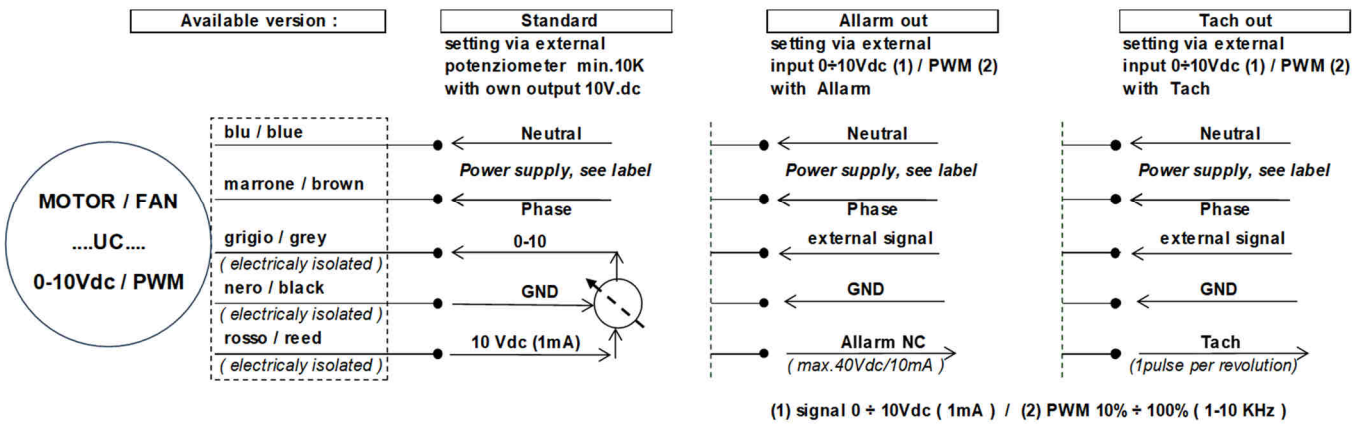
Serie UA - 1 speed



Serie UB - 2 speed or reverse



Serie UC - variable speed



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