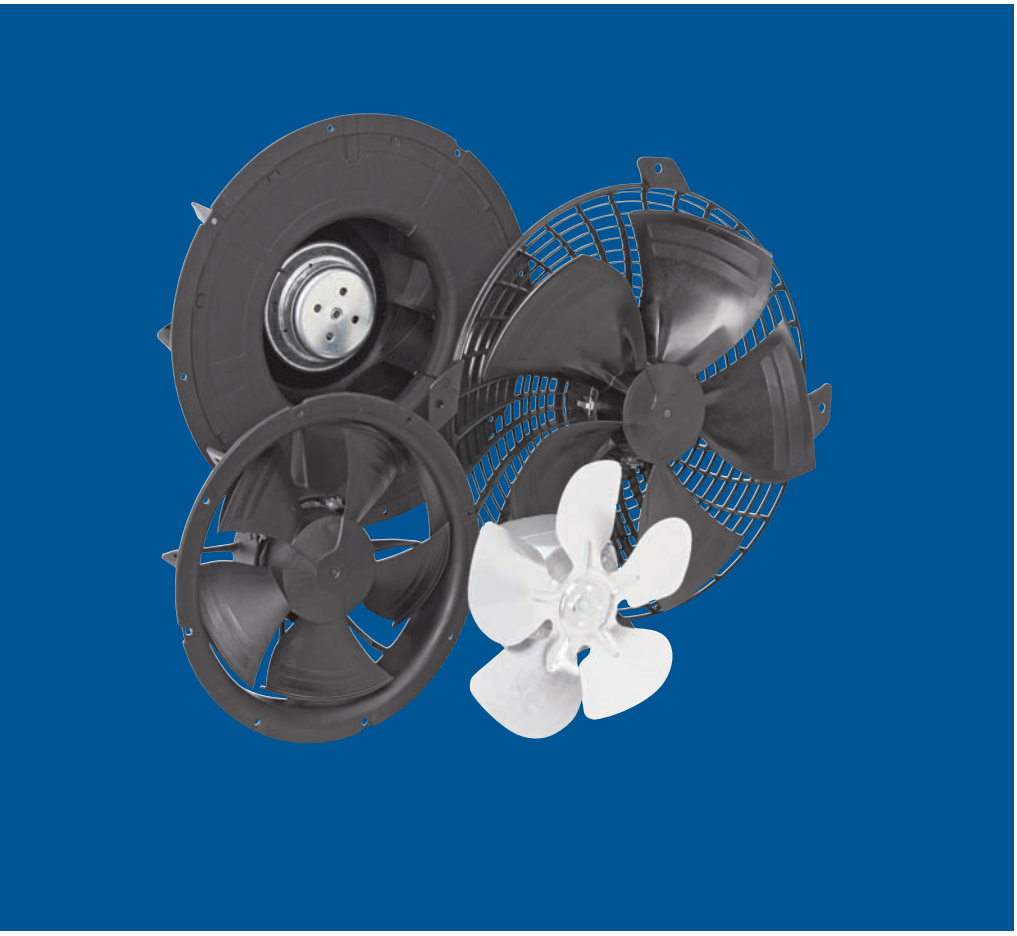
Spare parts catalogue

ebm-papst Benelux

Version 2013



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The engineer's choice

Type	Direction of Airflow	VAC	m3/h	Page
AC axial fan				
A2D200-AA02-01	V	230/400	830	7
A2D200-AA02-02	A	230/400	830	9
A2E200-AF02-01	V	230	740	11
A2E200-AF02-02	A	230	740	13
W2E200-CF02-01	V	230	740	15
W2E200-CF02-02	A	230	740	17
A2D250-AA02-01	V	230/400	1685	19
A2D250-AA02-02	A	230/400	1685	21
A2E250-AE65-01	V	230	1610	23
A2E250-AE65-02	A	230	1610	25
W2E250-CE65-02	A	230	1610	27
A4S250-AA02-01	V	230	870	29
A4S250-AA02-02	A	230	870	31
W4S250-CA02-01	V	230	870	33
W4S250-CA02-02	A	230	870	35
A2D300-AD02-01	V	230/400	2760	37
A2D300-AD02-02	A	230/400	2760	39
A2E300-AC47-01	V	230	2440	41
A2E300-AC47-02	A	230	2440	43
W2E300-CC47-02	A	230	2440	45
S4E300-AS72-30	V	230	1690	47
S4E300-AS72-31	A	230	1690	49
S4E350-AN02-30	V	230	3305	51
S4E350-AN02-31	A	230	3305	53
S4E400-AP02-03	V	230	4235	55
S4E400-AP02-04	A	230	4235	57
S4E450-AP01-01	V	230	5705	59
AC centrifugal blower		**VAC**	**m3/h**	
G2E085-AA01-01		230	80	61
G2E108-AA01-01		230	160	63
G2E120-AR77-01		230	255	65
G2E140-AE77-01		230	370	67
R2E140-AE77-05		230	370	69
G2E140-AI28-01		230	485	71
G2E160-AY47-01		230	600	73
R2E160-AY47-01		230	600	75
G2E180-EH03-01		230	760	77
G4E180-GS11-01		230	1030	79
D2E097-BK80-02		230	400	81
D2E133-AM47-01		230	685	83
D2E133-AM47-23		230	685	85
D2E133-DM47-01		230	810	87
D4E133-AH01-55		230	510	89
D2E146-AP47-22		230	970	91
D2E146-HS97-01		230	725	93
D2E146-HT67-01		230	1060	95
D4E180-CA02-26		230	2110	97
D4E200-CA02-02		230	2380	99
D4E225-CC01-21		230	2650	101
D4E240-BA01-01		230	3490	103
R2S175-AB56-01		230	440	105
R2E190-AO26-05		230	570	107
R2E220-AA40-05		230	860	109
R2E225-AT51-05		230	850	111
R4E280-AD08-05		230	1425	113

Type		VAC	m3/h	Page
EC Centrifugal Blower				
D3G133-BF03-02		230	890	115
D3G146-LV13-01		230	1140	117
AC Compact fans	**Size**	**VAC**	**m3/h**	
8556 VW	80x80x38	230	50	119
8526 VWR-686	80x80x38	24	47	121
3956	92x92x25	230	59	123
3656	92x92x38	230	75	125
9956	119x119x25	230	117	127
4550 N	119x119x38	230	145	129
4656 N	119x119x38	230	160	131
4656Z-853	119x119x38	230	160	133
4606 N	119x119x38	115	180	135
ACi4420HH		195-265	180	137
5958	127x127x38	230	180	139
5656 S	135x135x38	230	235	141
7056 ES / W2E142BB0101	150x172x38	230	320	143
7855 ES / W2S130AA0301	150Øx55	230	325	145
7450 ES	150Øx55	230	380	147
W2E200-HK38-01		230	880	149
W2E250-HL06-01		230	1865	151
DC Compact fans	**Size**	**VDC**	**m3/h**	
412	40x40x20	12	10	153
414	40x40x20	24	40	155
422J/2HP	40x40x28	12	25	157
612NGMLE	60x60x25	12	10	159
622HH	60x60x25	12	56	161
614F	60x60x15	24	29	163
624N	60x60x25	24	40	165
614NH	60x60x25	24	46	167
8412 N	80x80x25	12	69	169
8412 NH	80x80x25	12	79	171
8414 N	80x80x25	24	69	173
3412N	92x92x25	12	84	175
3414 N	92x92x25	24	84	177
3414 NHH	92x92x25	24	102	179
4412 FGML	119x119x25	12	114	181
4412 N	119x119x38	12	205	183
4414 F	119x119x25	24	170	185
4184 NX	119x119x38	24	180	187
4414 HH	119x119x38	24	285	189
4114 NH4	119x119x38	24	355	191
7114 N	150x38	24	360	193
6314/2TDHP	172x51	24	600	195
DV6224	172x51	24	540	197
RG160-28/14 N	220x220x56	24	209	199
Tangential fans		**VAC**	**m3/h**	
QLZ06/1800-2518		230	130	201
Q and IQ motors		**VAC**	**W**	203
M4Q045-BD01-75		230	5	
M4Q045-CA01-75		230	7	
M4Q045-CA03-75		230	10	
M4Q045-CF01-75		230	16	
M4Q045-DA01-75		230	18	
M4Q045-DA05-75		230	23	
M4Q045-EA01-75		230	25	
M4Q045-EF01-75		230	34	
IQ3612 / 55330.01083		230		
IQ3620 / 55330.01150		230		
Motors		**VAC**	**Cable length**	205
M4S068BF0819		230	600	
M4S068BF0814		230	1000	205
				209

Type				Page
Capacitors		**uF**		**206**
280F00031		1		
280F00069		1.5		
280F00033		2		
280F00035		3		
280F00036		4		
280F00037		5		
280F00038		6		
280F00039		8		
280F00040		10		
280F00041		12		
280F00042		14		
280F00043		16		
280F00044		20		
280F00045		25		
280F00046		35		
Guard grilles		**Fan series**		**207**
LZ29-1		400		
LZ36		7000		
LZ28-1		600		
LZ23-1		3000		
LZ32-4		8000		
LZ30-4		9000/4000		
LZ25		5100/5600		
VR107		9000/4000		
LZ60		9000/4000		
LZ35		5000		
Transformer Speed Controllers	**Productcode**	**VAC**	**A**	**208**
TMV2-2,2	280F00085	230	2.2	
TMV2-3	280F00086	230	3.0	
TMV2-5	280F00087	230	5.0	
TMV2-7	280F00088	230	7.0	
TMV2-13,6	280F00089	230	13.6	
TMV3-4	280F00090	400	4.0	
TMV3-7	280F00091	400	7.0	
Speed controler	**Product code**	**Mounting**	**A**	**210**
2297-AG-110	280F00023	Surface	2.5	
2297-UCJ-110-212	280F00020	Built-in	2.5	
Attachment 1	**Type**			**211**
Connection leads EC / Cables	D3G146LV1301			

General information

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The technical drawings (with dimensions) do match the described product of that page.

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At request we will sent you a copy.

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Handling costs: When the order amount is < € 500,00 we will charge an extra € 35,00 for handling.

Payment: Payable in advance (invoice will be faxed) / cash on delivery (extra costs € 11,50). When payable in advance goods will be ordered or sent after receipt of payment.

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AC Axial

A2D200



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length: 450 mm
Norm	EN 60335-1

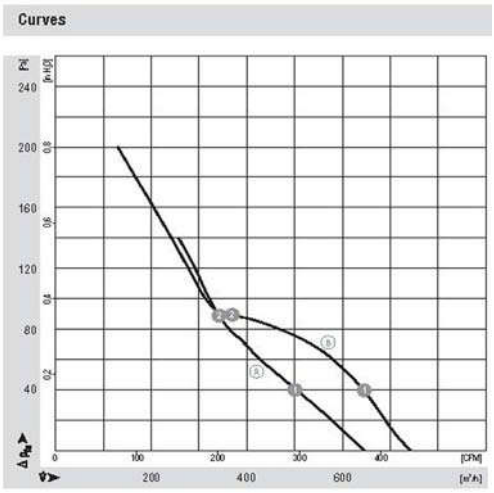
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2D200-AA02-01	M2D068CF	230/400	50	830	2800	53	0,26/0,15	-	67	-	-25..75	1,7
Subject to modification												

Pricing

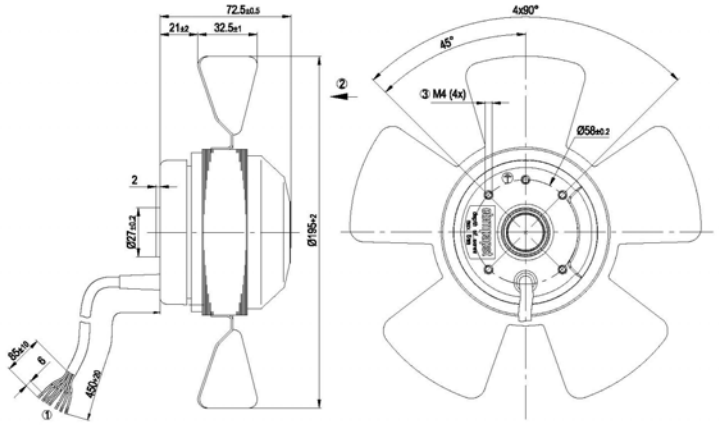
	Quantities		
Product Code	**1**	**5-9**	**10>**
A2D200-AA02-01	106,90	92,90	83,60

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Pressure over air flow at 50Hz

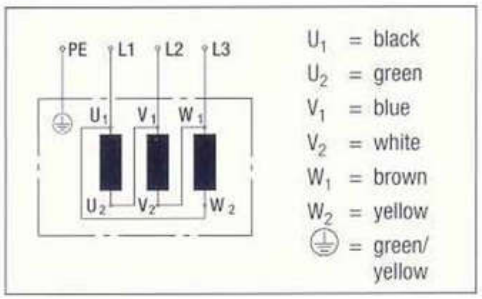


Drawing

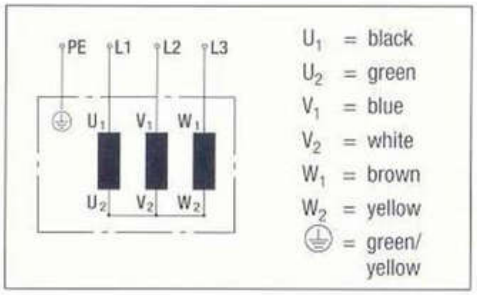


Connection illustration

Delta connection (3 phase 230VAC power system) without TOP



Star connection (3 phase 400VAC power system) without TOP





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball vearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

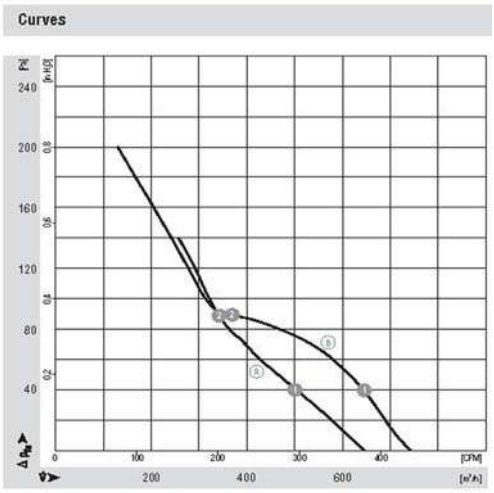
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2D200-AA02-02	M2D068CF	230/400	50	830	2800	53	0,26/0,15	-	67	-	-25..75	1,7
Subject to modification												

Pricing

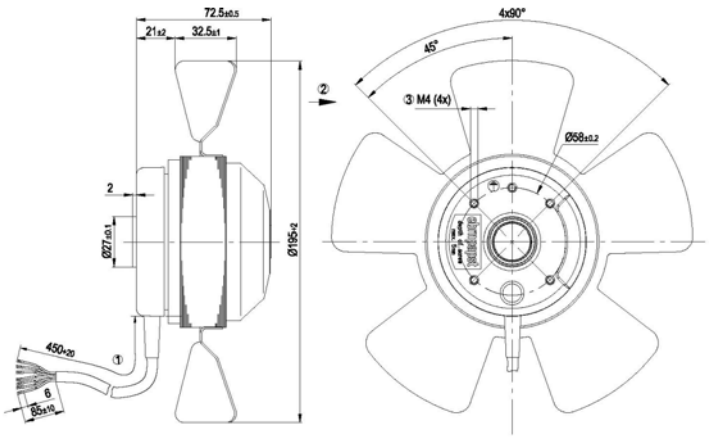
	Quantities		
Product Code	**1**	**5-9**	**10>**
A2D200-AA02-02	107,40	93,50	84,00

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Pressure over air flow at 50Hz



Drawing

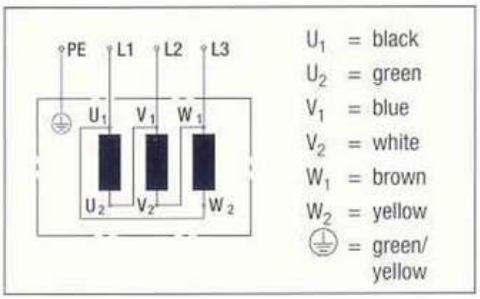


Direction of airflow

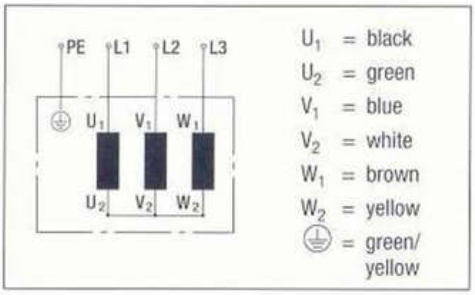
A →

Connection illustration

Delta connection (3 phase 230VAC power system) without TOP



Star connection (3 phase 400VAC power system) without TOP





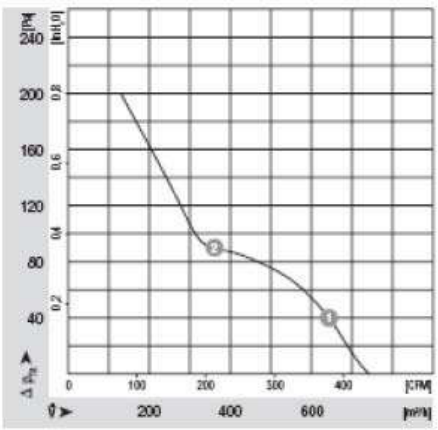
Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2E200-AF02-01	M2E068CA	230	50	740	2740	50	0,24	1,5/400	65	-	-25..75	1,4
Subject to modification												

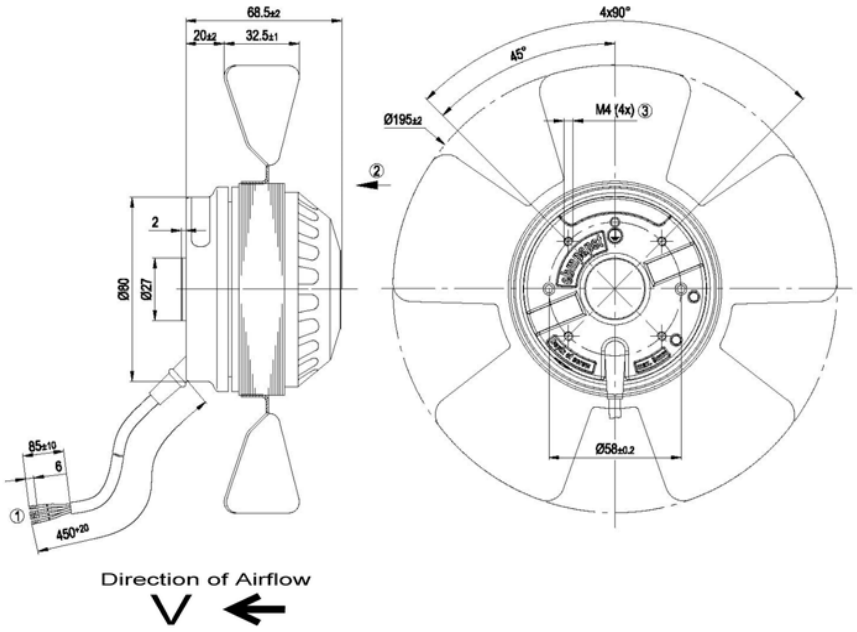
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
A2E200-AF02-01	92,40	80,40	72,40	280F00032		

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Pressure over air flow at 50Hz

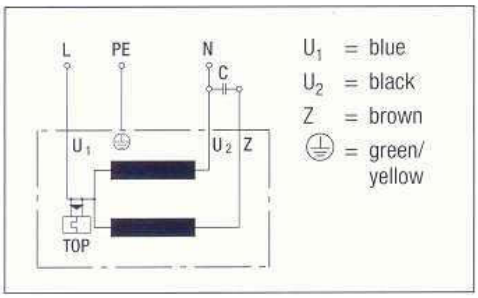


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





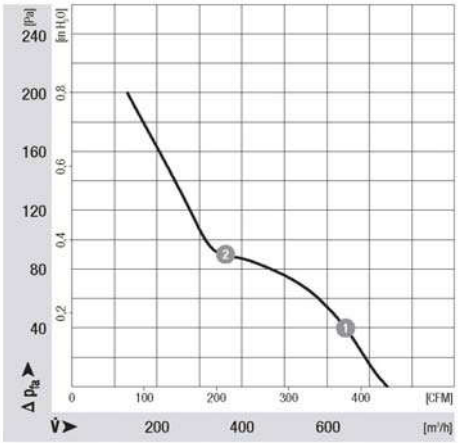
Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2E200-AF02-02	M2E068CA	230	50	740	2740	50	0,24	1,5/400	65	-	-25..75	1,4
Subject to modification												

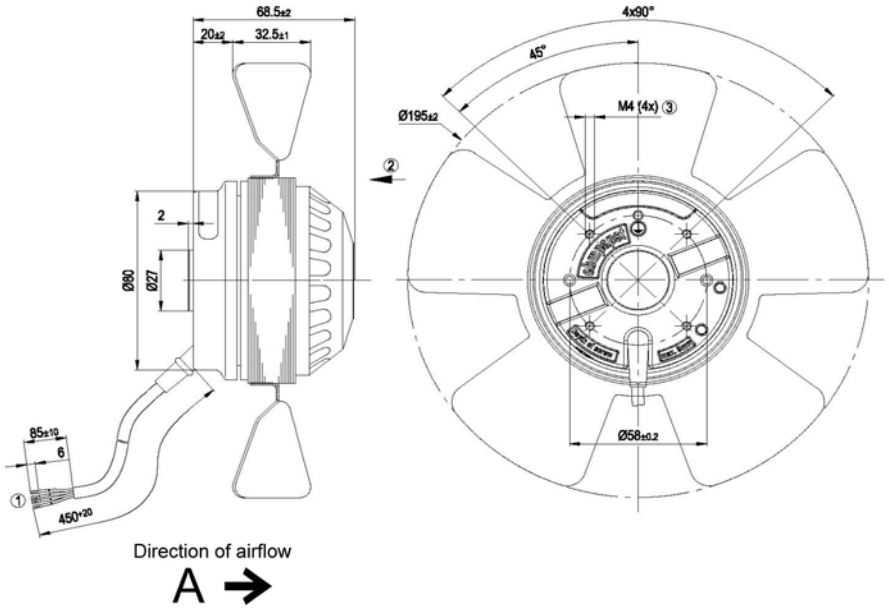
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
A2E200-AF02-02	92,40	80,40	72,40	280F00032		

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Pressure over air flow at 50Hz

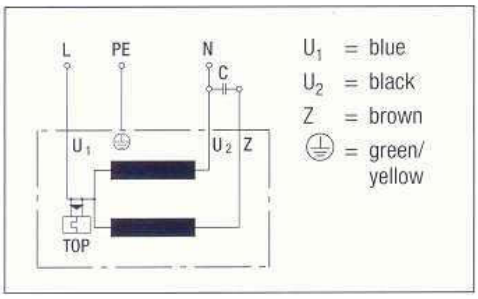


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

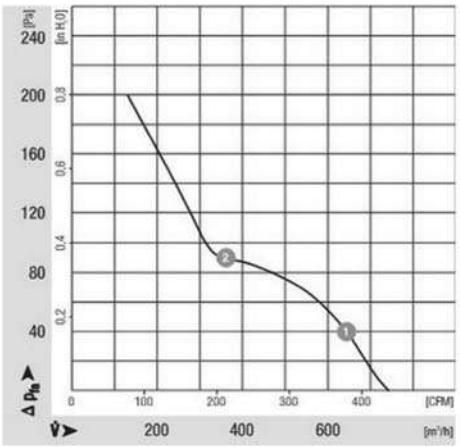
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W2E200-CF02-01	M2E068CA	230	50	740	2740	50	0,24	1,5/400	65	-	-25..75	1,4

Subject to modification

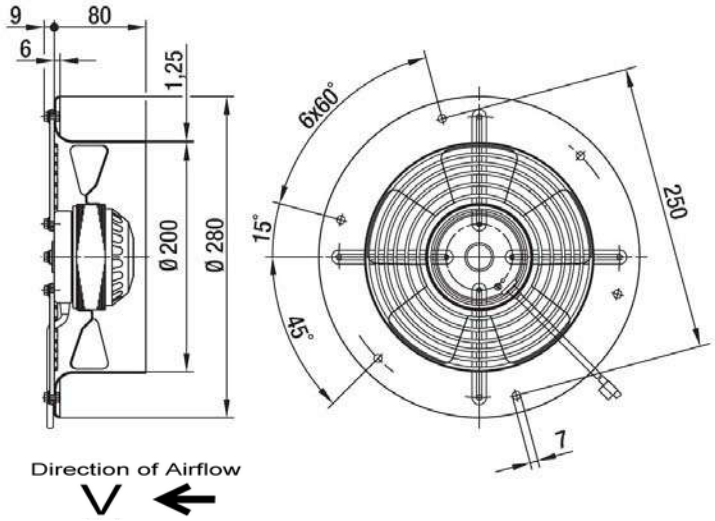
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
W2E200-CF02-01	134,00	116,50	104,90	280F00032		

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Pressure over air flow at 50Hz

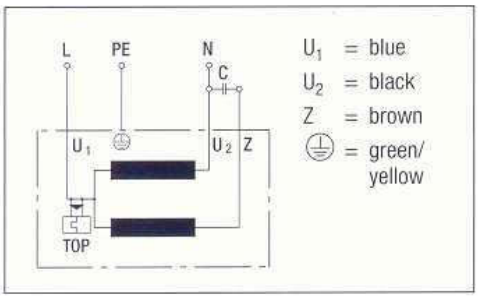


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

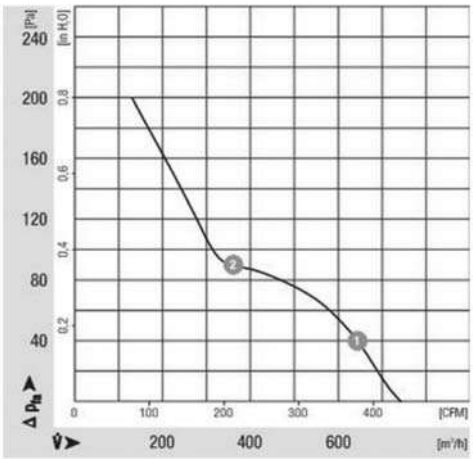
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W2E200-CF02-02	M2E068CA	230	50	740	2740	50	0,24	1,5/400	65	-	-25..75	1,4

Subject to modification

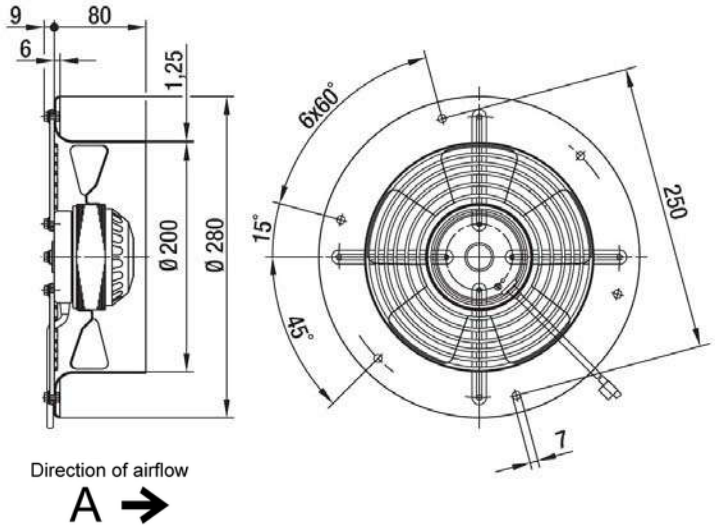
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
W2E200-CF02-02	134,00	116,50	104,90	280F00032		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

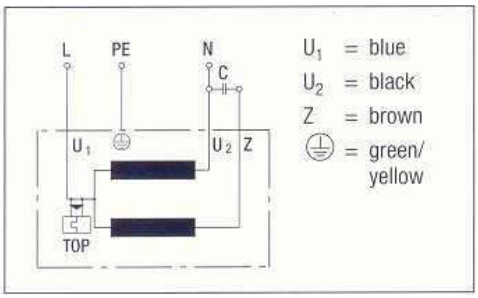


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black
	Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

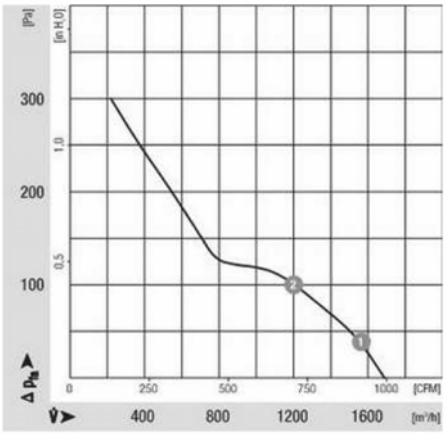
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2D250-AA02-01	M2D068DF	230/400	50	1685	2650	110	0,38/0,22	-	72	-	-25..70	2,2
Subject to modification												

Pricing

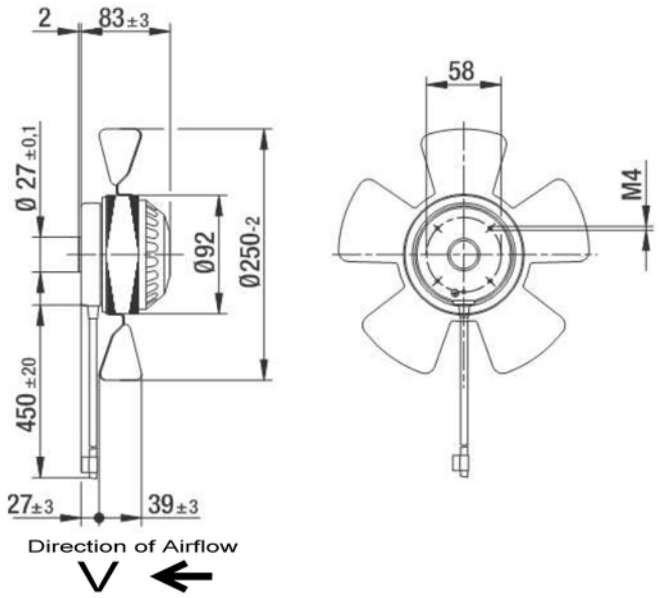
	Quantities		
Product Code	**1**	**5-9**	**10>**
A2D250-AA02-01	123,00	106,90	96,20

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Pressure over air flow at 50Hz

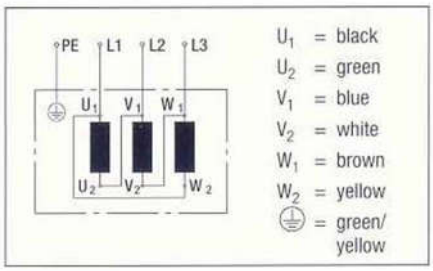


Drawing

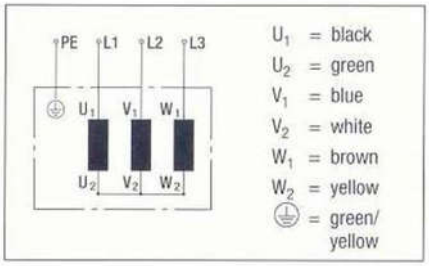


Connection illustration

Delta connection (3 phase 230VAC power system) without TOP



Star connection (3 phase 400VAC power system) without TOP





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

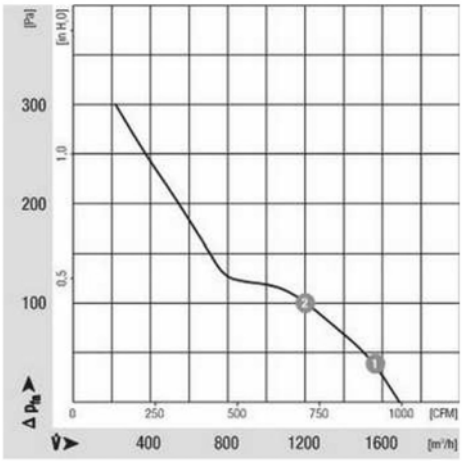
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2D250-AA02-02	M2D068DF	230/400	50	1685	2650	110	0,38/0,22	-	72	-	-25..70	2,2
Subject to modification												

Pricing

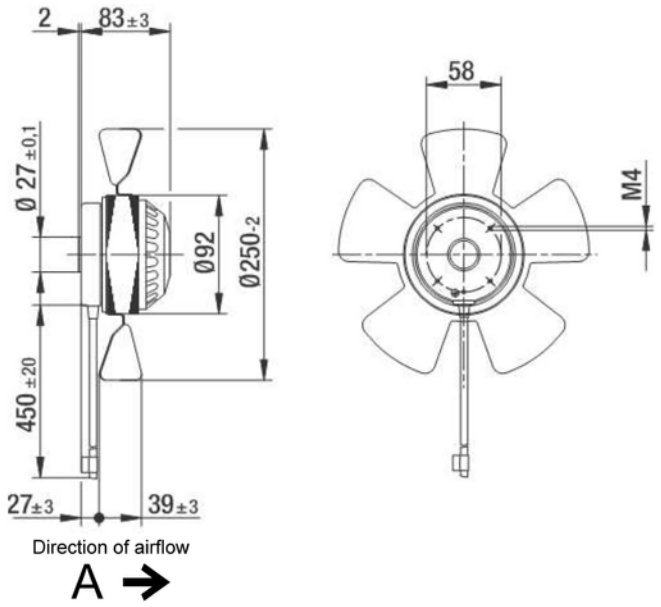
	Quantities		
Product Code	**1**	**5-9**	**10>**
A2D250-AA02-02	123,00	106,90	96,20

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Pressure over air flow at 50Hz

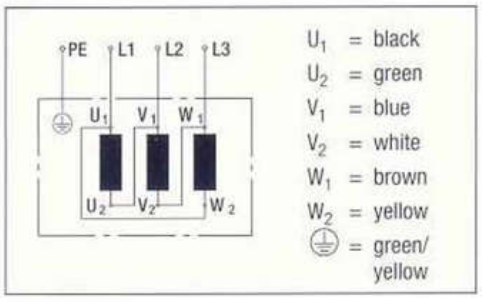


Drawing

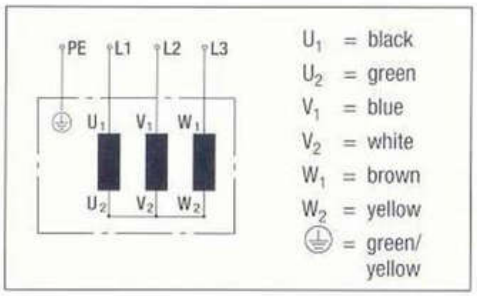


Connection illustration

Delta connection (3 phase 230VAC power system) without TOP



Star connection (3 phase 400VAC power system) without TOP





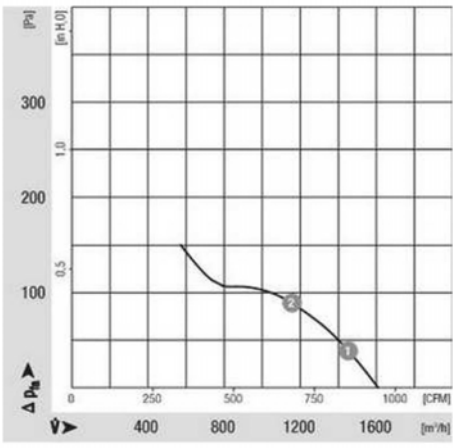
Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2E250-AE65-01	M2E068DF	230	50	1610	2550	115	0,51	4/400	72	-	-25..55	2,2
Subject to modification												

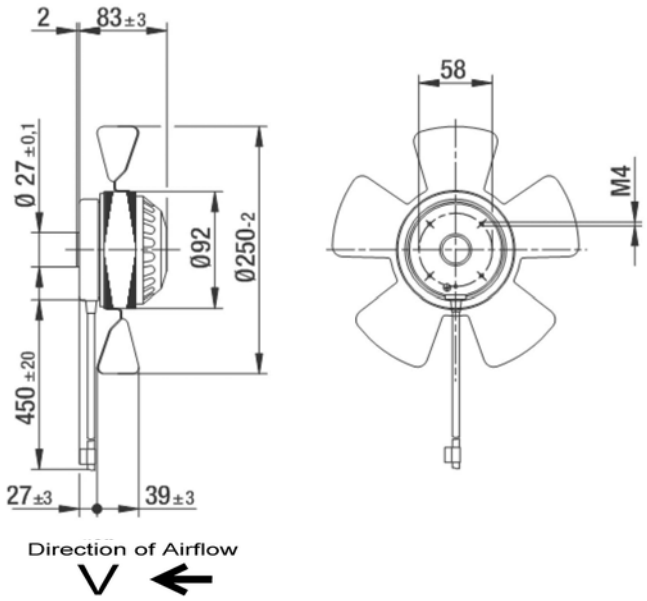
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
A2E250-AE65-01	109,20	95,00	85,50	280F0036		

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Pressure over air flow at 50Hz

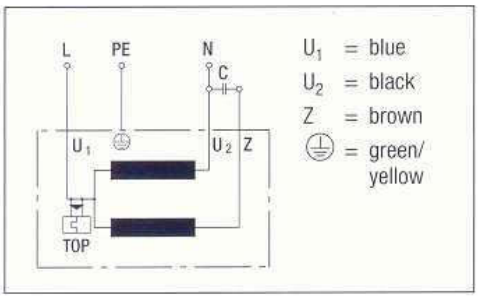


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





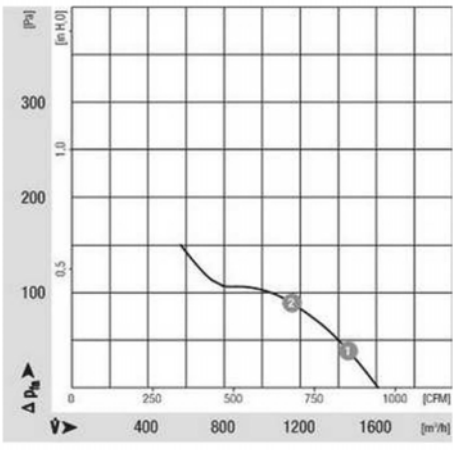
Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2E250-AE65-02	M2E068DF	230	50	1610	2550	115	0,51	4/400	72	-	-25..55	2,2
Subject to modification												

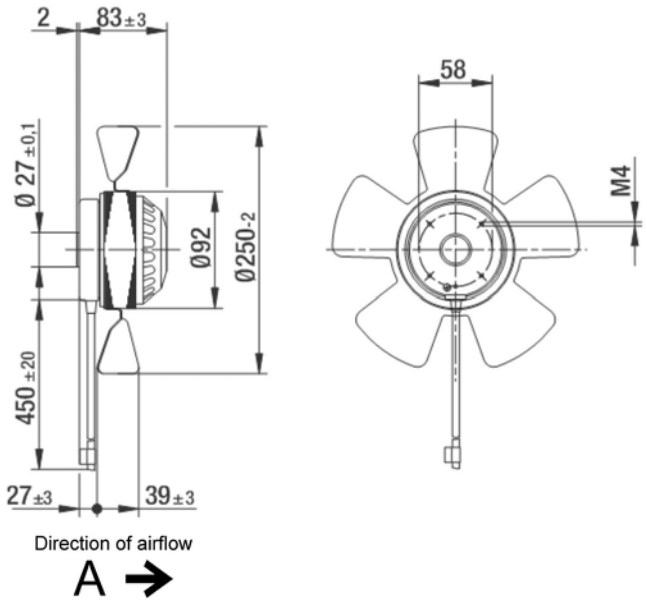
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
A2E250-AE65-02	109,20	95,00	85,50	280F00036		

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A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

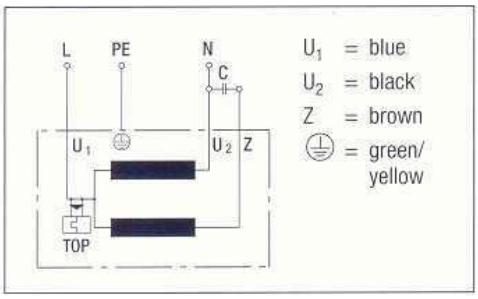


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





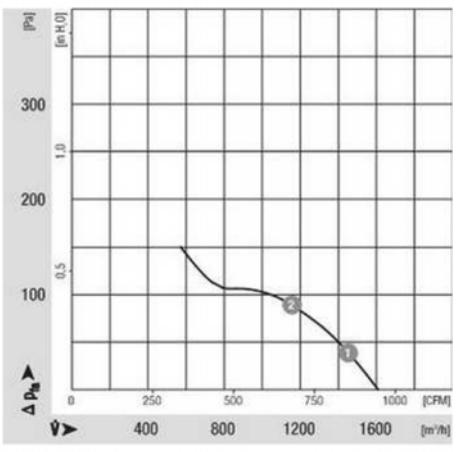
Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W2E250-CE65-02	M2E068DF	230	50	1610	2550	115	0,51	4/400	72	-	-25..55	2,2
Subject to modification												

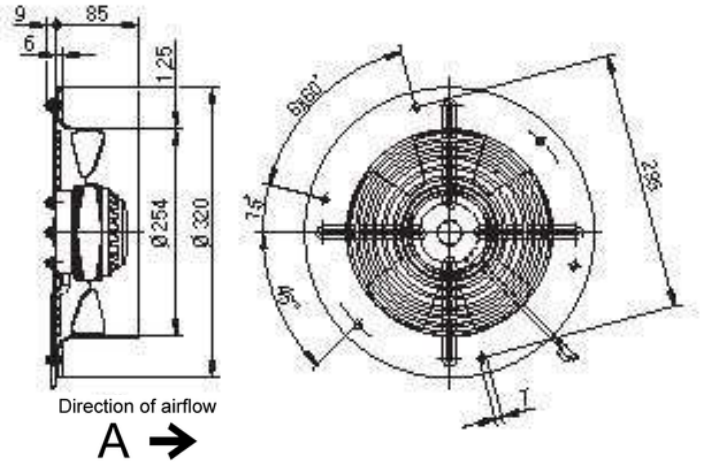
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
W2E250-CE65-02	150,80	131,10	118,00	280F00036		

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Pressure over air flow at 50Hz

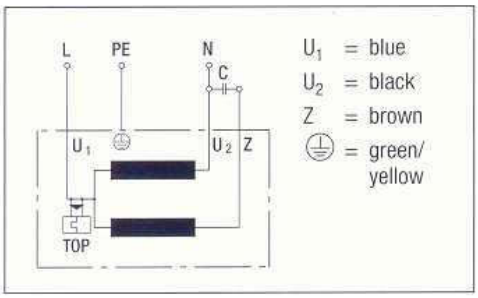


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

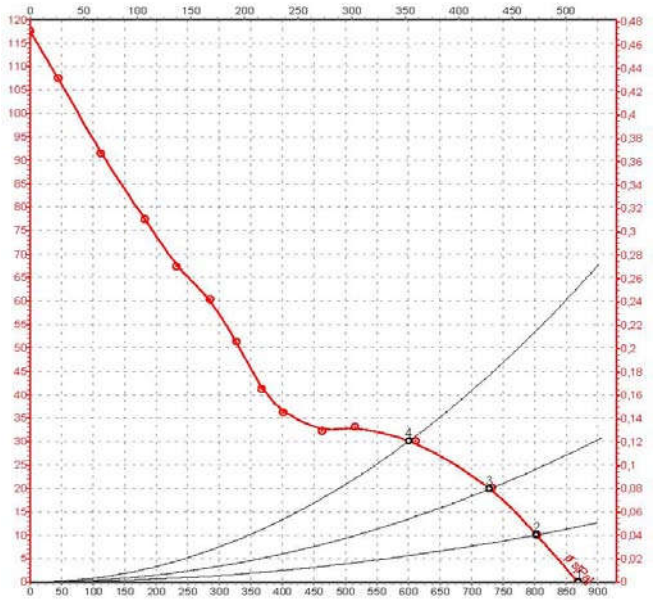
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A4S250-AA02-01	M4S068CF	230	50	870	1400	72	0,53	-	58	-	-25..40	1,7
Subject to modification												

Pricing

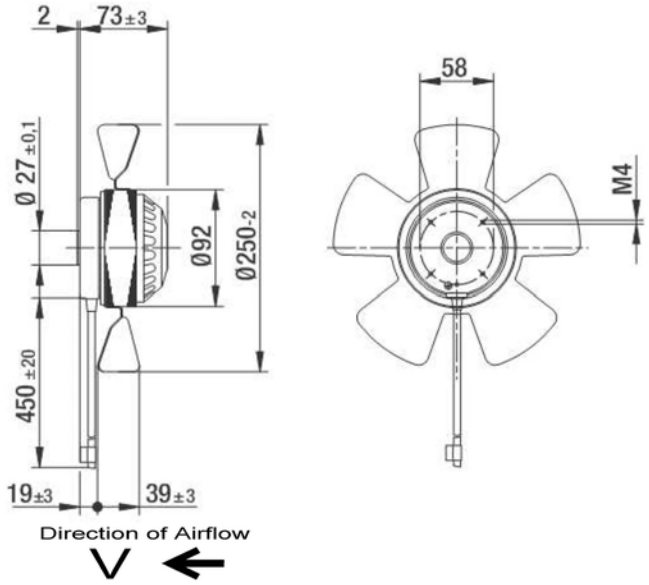
	Quantities		
Product Code	**1**	**5-9**	**10 >**
A4S250-AA02-01	93,20	81,00	73,00

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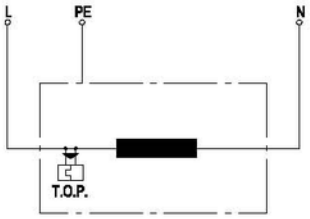
Pressure over air flow at 50Hz



Drawing



Connection illustration



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector



Material :	Rotor coated Black
	Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

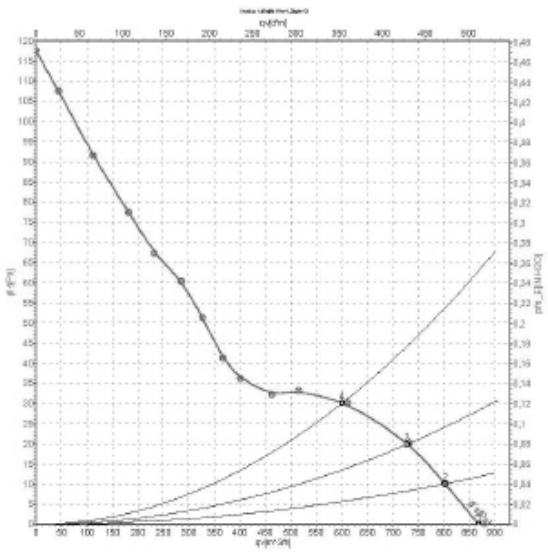
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A4S250-AA02-02	M4S068CF	230	50	870	1400	72	0,53	-	58	-	-25..40	1,7
Subject to modification												

Pricing

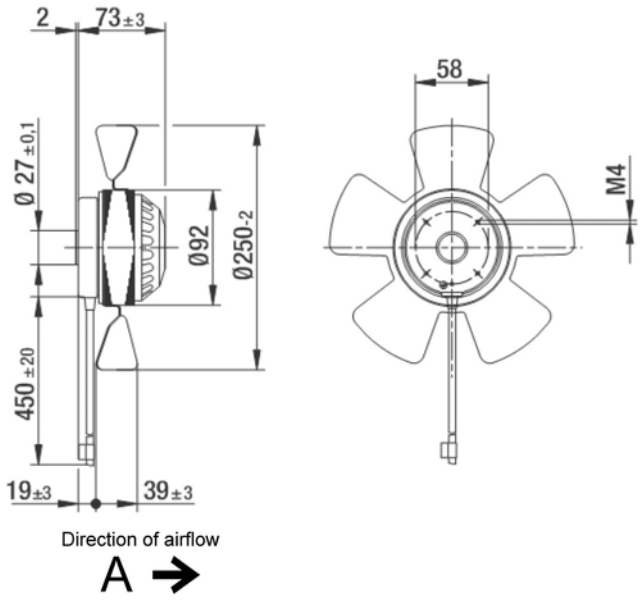
	Quantities		
Product Code	**1**	**5-9**	**10>**
A4S250-AA02-02	93,20	81,00	73,00

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A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

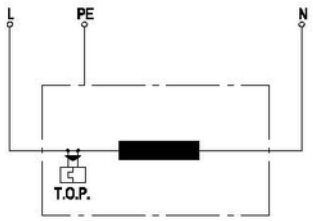
Pressure over air flow at 50Hz



Drawing



Connection illustration



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W4S250-CA02-01	M4S068CF	230	50	870	1400	72	0,53	-	58	-	-25..40	1,7

Subject to modification

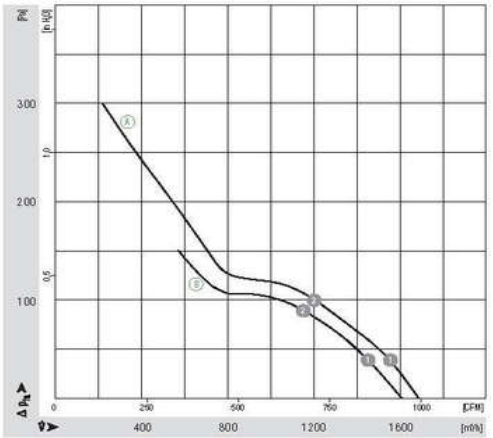
Pricing

	Quantities		
Product Code	**1**	**5-9**	**10>**
W4S250-CA02-01	135,80	118,10	106,30

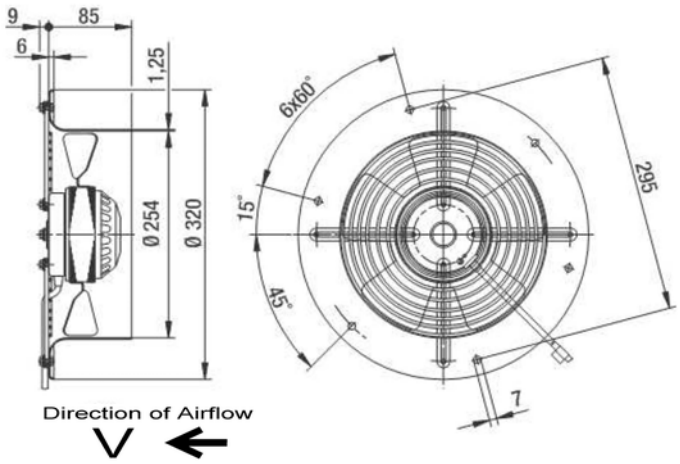
All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
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Pressure over air flow at 50Hz

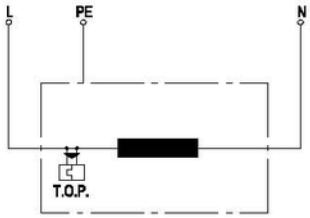
Curves



Drawing



Connection illustration



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector



Material :	Rotor coated Black
	Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

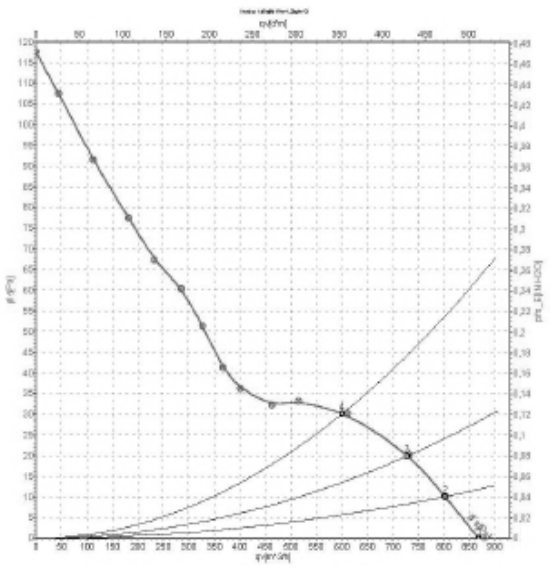
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W4S250-CA02-02	M4S068CF	230	50	870	1400	72	0,53	-	58	-	-25..40	1,7
Subject to modification												

Pricing

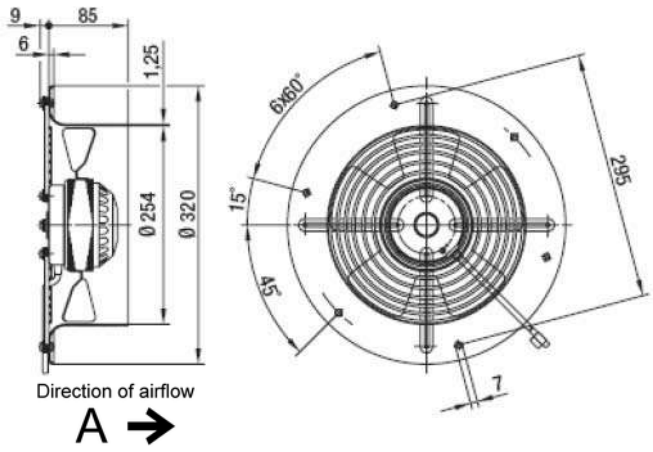
	Quantities		
Product Code	**1**	**5-9**	**10>**
W4S250-CA02-02	135,80	118,10	106,30

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

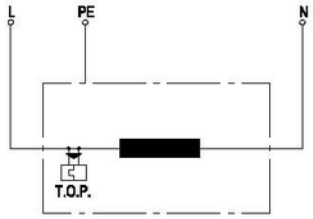
Pressure over air flow at 50Hz



Drawing



Connection illustration



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector



Material :	Rotor coated Black
	Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2D300-AD02-01	M2D068EC	230/400	50	2760	2650	180	0,54/0,31	-	76	-	-25..60	2,7

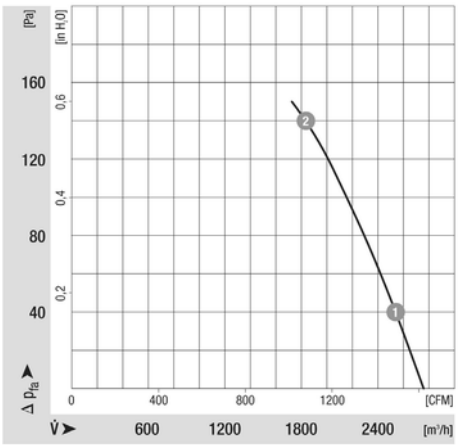
Subject to modification

Pricing

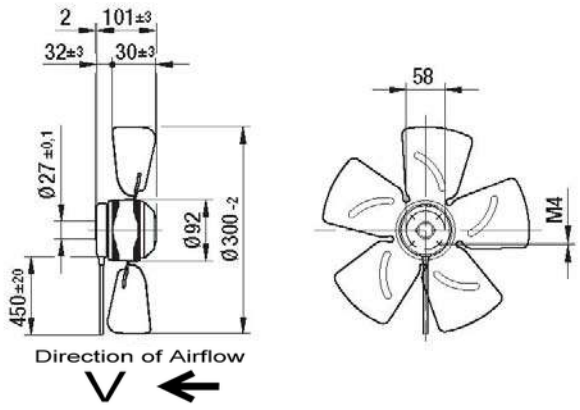
	Quantities		
Product Code	**1**	**5-9**	**10>**
A2D300-AD02-01	159,10	138,30	124,50

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A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

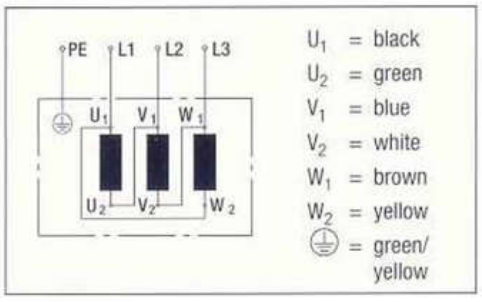


Drawing

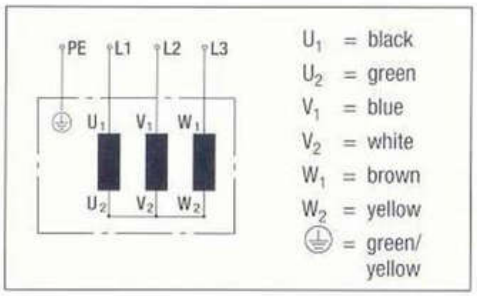


Connection illustration

Delta connection (3 phase 230VAC power system) without TOP



Star connection (3 phase 400VAC power system) without TOP





Material :	Rotor coated Black
	Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

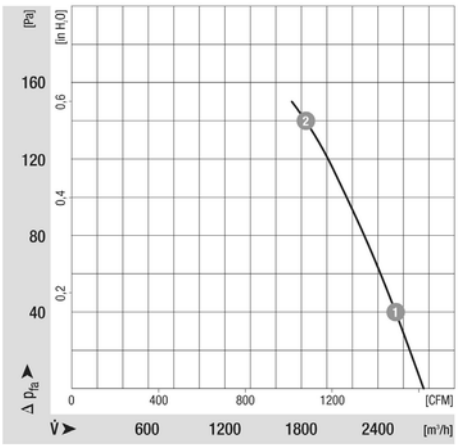
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2D300-AD02-02	M2D068EC	230/400	50	2760	2650	180	0,54/0,31	-	76	-	-25..60	2,7
Subject to modification												

Pricing

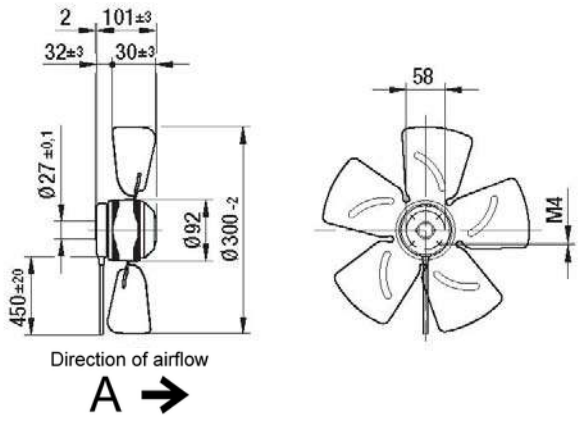
	Quantities		
Product Code	**1**	**5-9**	**10>**
A2D300-AD02-02	159,10	138,30	124,50

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
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Pressure over air flow at 50Hz

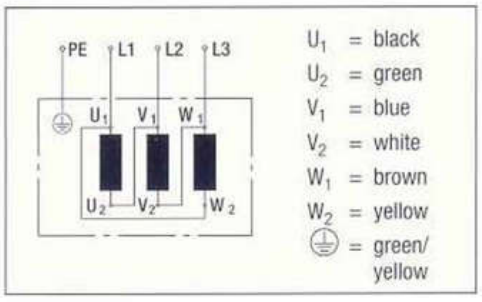


Drawing

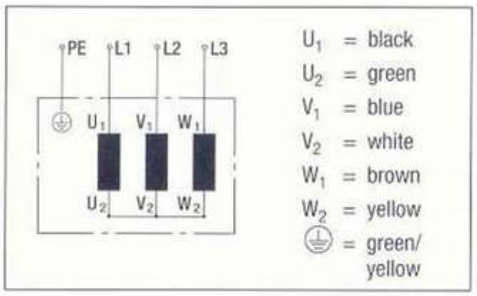


Connection illustration

Delta connection (3 phase 230VAC power system) without TOP



Star connection (3 phase 400VAC power system) without TOP





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

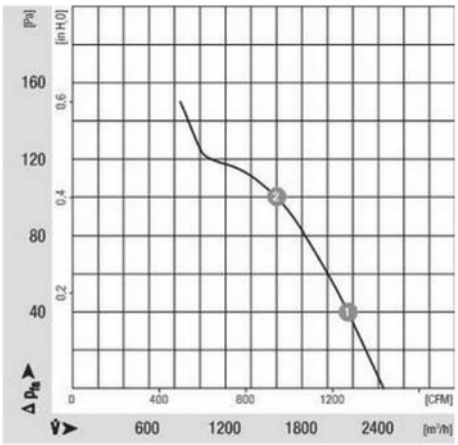
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2E300-AC47-01	M2E068EC	230	50	2440	2650	140	0,62	5/400	75	-	-25..55	2,5

Subject to modification

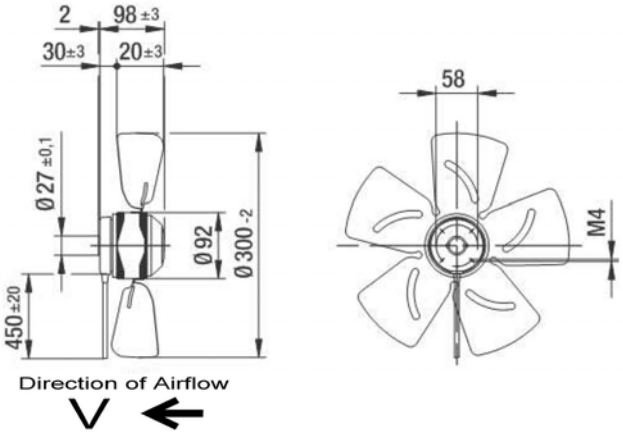
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
A2E300-AC47-01	145,10	126,30	113,60	280F00037		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

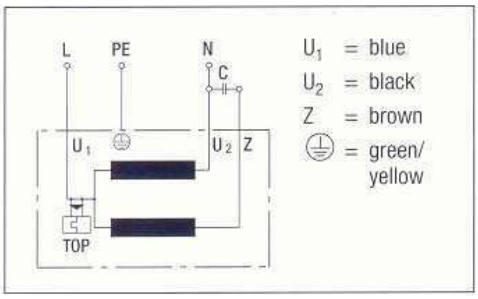


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length: 450 mm
Norm	EN 60335-1

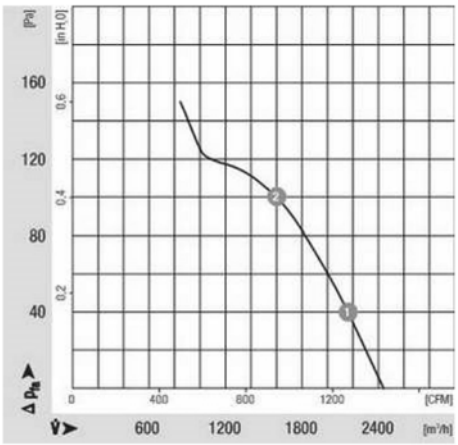
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
A2E300-AC47-02	M2E068EC	230	50	2440	2650	140	0,62	5/400	75	-	-25..55	2,5

Subject to modification

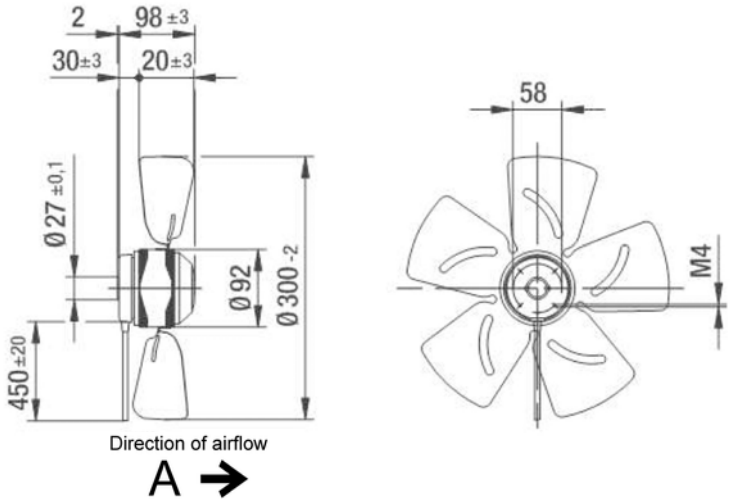
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
A2E300-AC47-02	145,10	126,30	113,60	280F00037		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

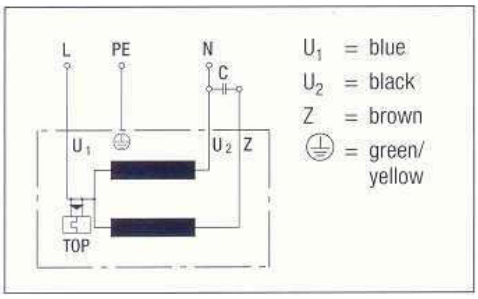


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

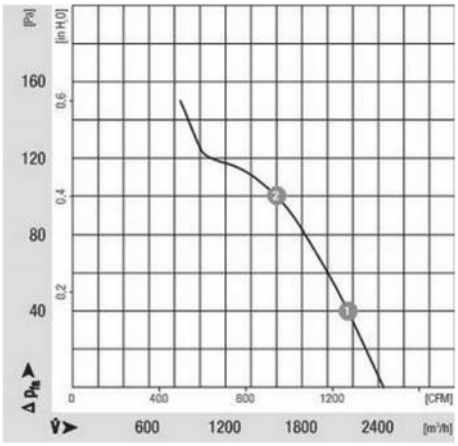
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W2E300-CC47-02	M2E068EC	230	50	2440	2650	140	0,62	5/400	75	-	-25..55	2,5

Subject to modification

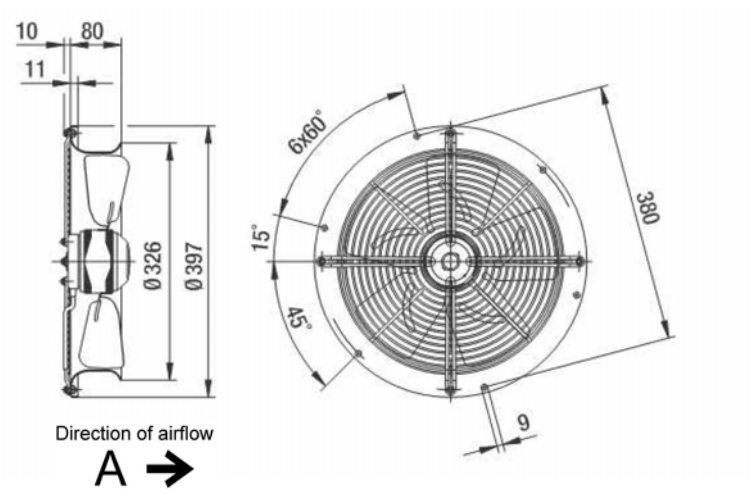
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
W2E300-CC47-02	187,70	163,20	146,90	280F00037		

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A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

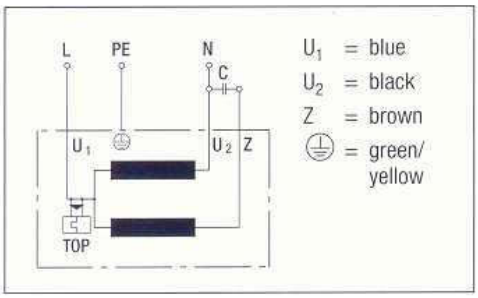


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black Blades PP
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

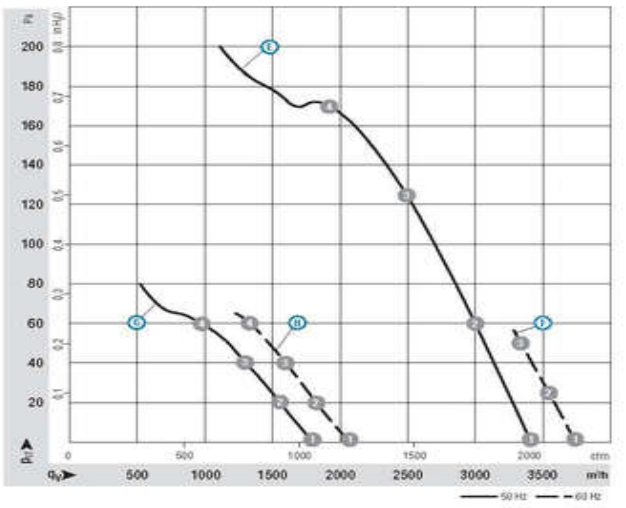
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
S4E300-AS72-30	M4E068CF	230	50	1800	1350	72	0,32	2/400	60	-	-40..80	2,85
Subject to modification												

Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
S4E300-AS72-30	89,50	77,80	70,00	280F00033		

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A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

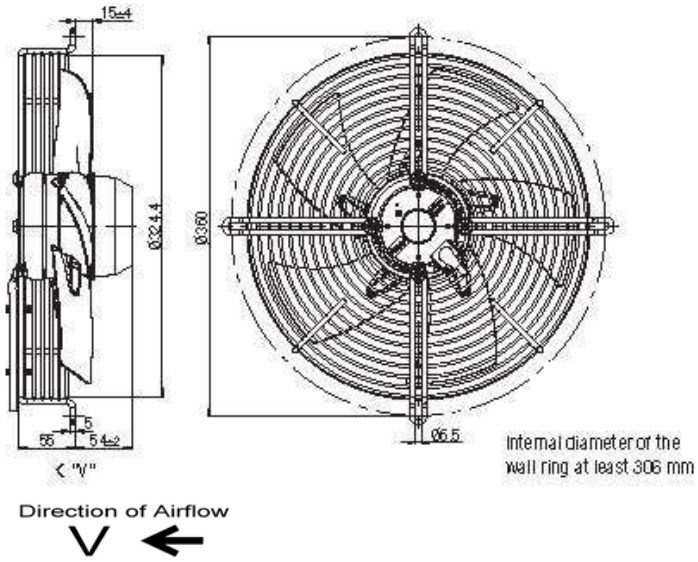
Pressure over air flow at 50Hz

Curves



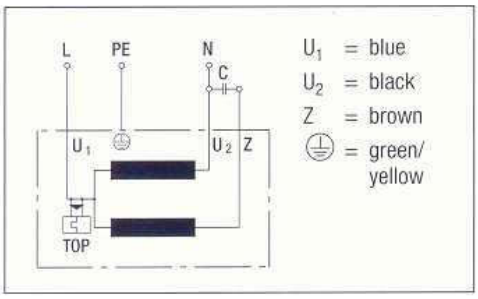
Use curve G

Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





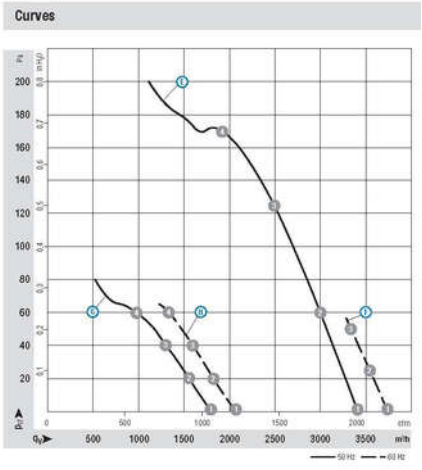
Material :	Rotor coated Black
	Blades PP
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
S4E300-AS72-31	M4E068CF	230	50	1690	1350	95	0,44	2/400	65	-	-25..45	2,3
Subject to modification												

Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
S4E300-AS72-31	132,50	115,20	103,70	280F00033		

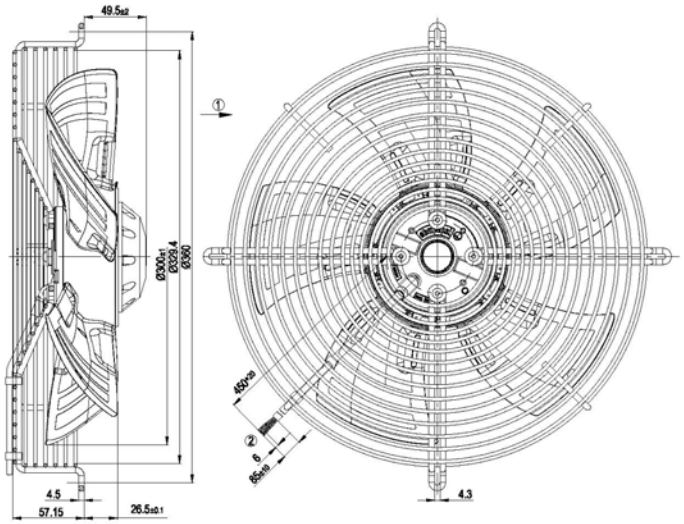
All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz



Use curve C

Drawing

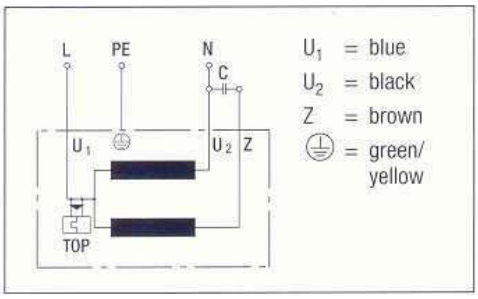


Direction of airflow

A →

Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black
	Blades PP
Direction of rotation	Left CCW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	F
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
S4E350-AN02-30	M4E074DF	230	50	3305	1400	165	0,73	4/400	69	-	-25..60	5

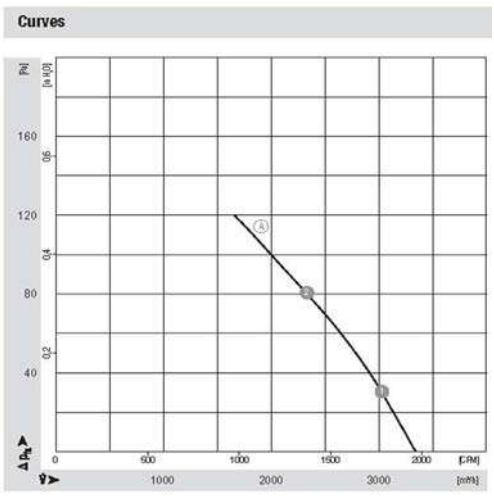
Subject to modification

Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
S4E350-AN02-30	115,70	100,60	90,50	280F00036		

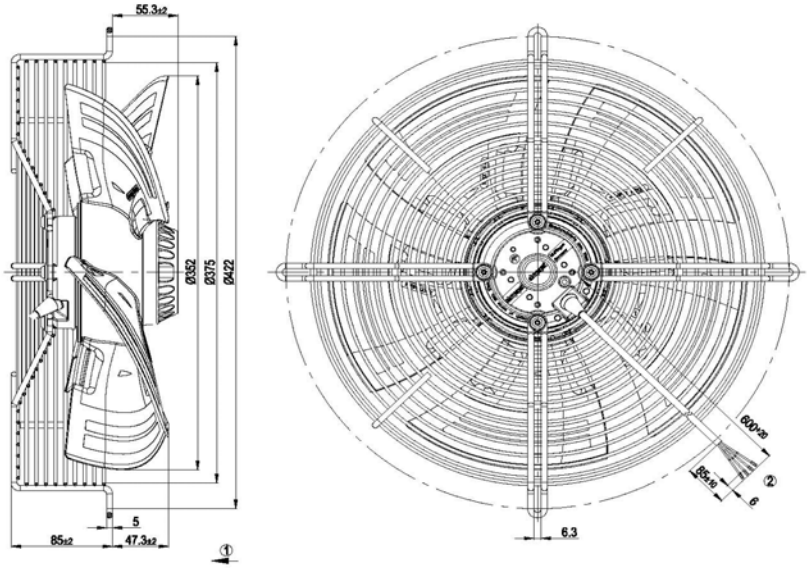
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A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Download PDF datasheet

Pressure over air flow at 50Hz



Drawing



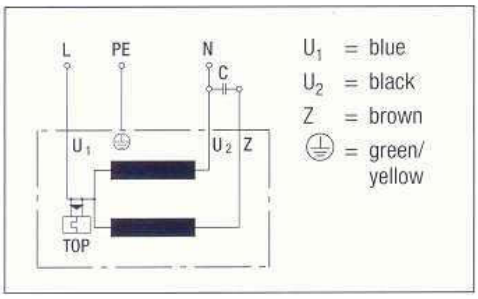
1	Förderrichtung "V"
2	Anschlussleitung Silikon 4G 0,5mm², 4x Aderendkrallen angeschlagen

Direction of Airflow

V ←

Connection illustration

Single-phase capacitor motor with
TOP wired internally





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length: 450 mm
Norm	EN 60335-1

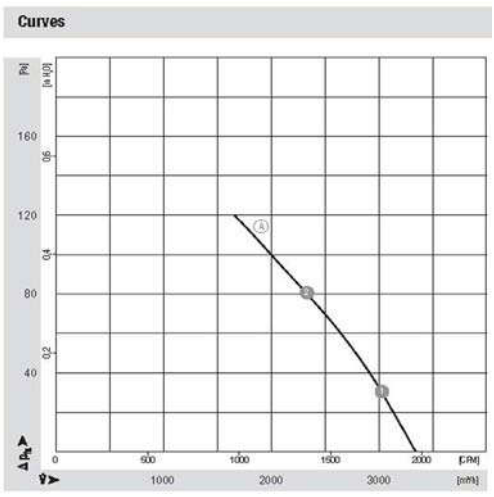
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
S4E350-AN02-31	M4E074DF	230	50	3305	1400	165	0,73	4/400	69	-	-25..60	5

Subject to modification

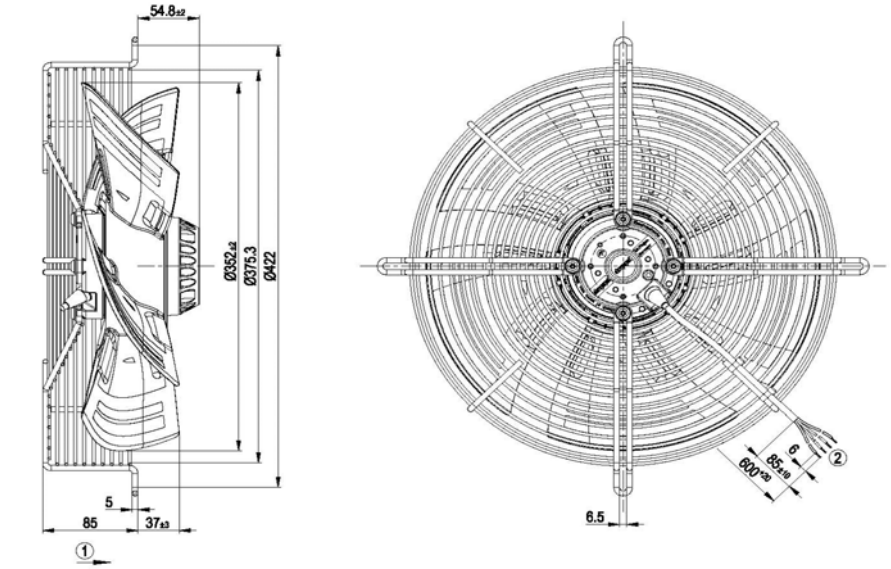
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
S4E350-AN02-31	115,70	100,60	90,50	280F00036		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz



Drawing



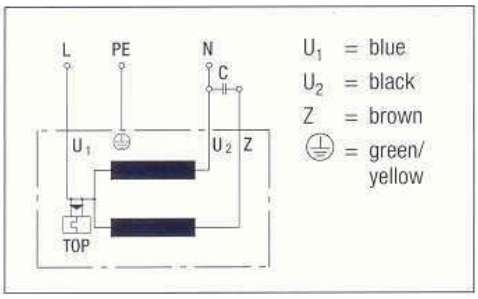
1	Direction of air flow "A"
2	Connection line silicone 4G 0.5 mm², 4 x brass lead tips crimped

Direction of airflow

A →

Connection illustration

Single-phase capacitor motor with
TOP wired internally





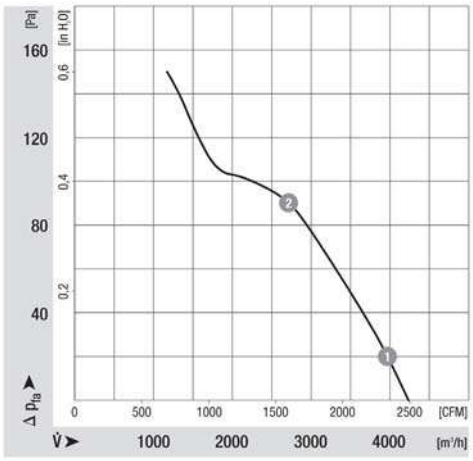
Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
S4E400-AP02-03	M4E074EI	230	50	4235	1430	160	0,73	6/400	69	-	-25..40	4,2
Subject to modification												

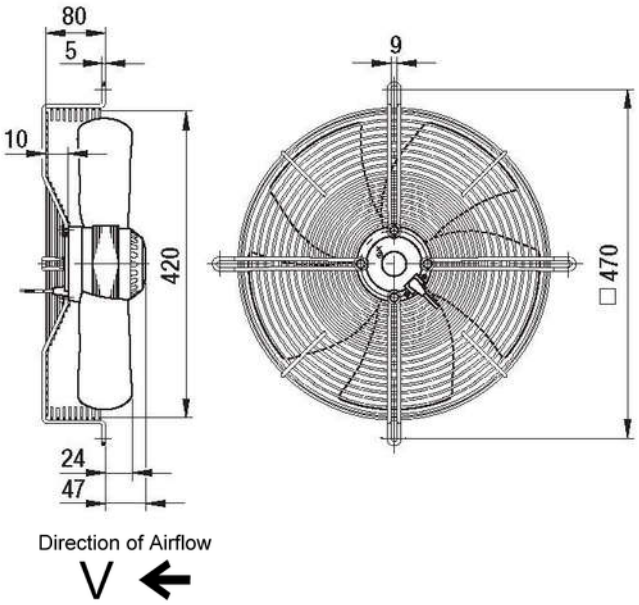
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
S4E400-AP02-03	150,90	131,20	118,10	280F00038		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

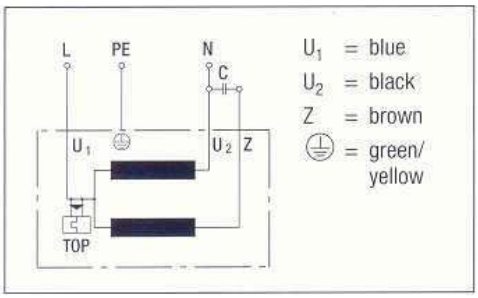


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





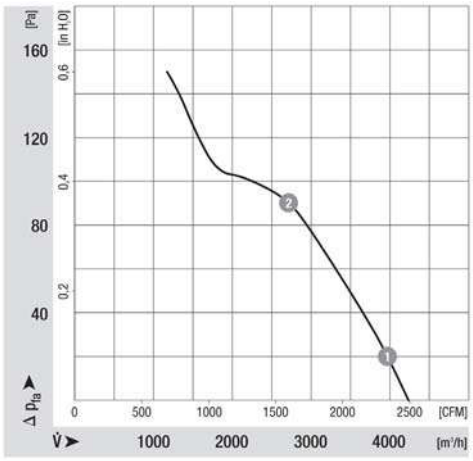
Material :	Rotor coated Black
	Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
S4E400-AP02-04	M4E074EI	230	50	4235	1430	160	0,73	6/400	69	-	-25..40	4,2
Subject to modification												

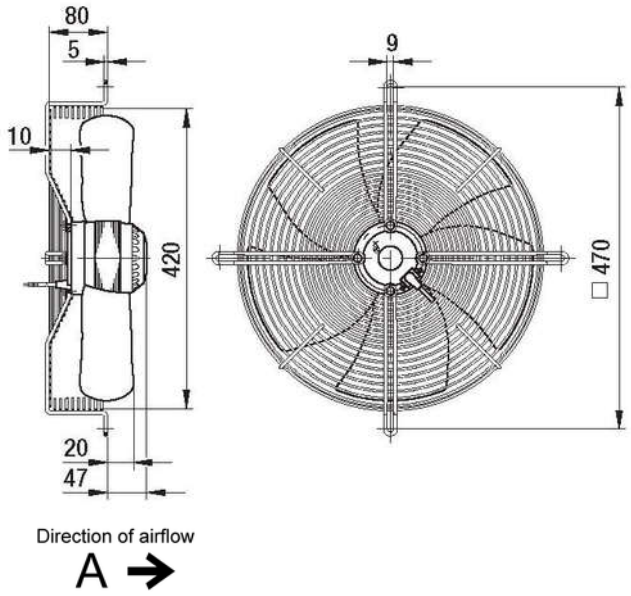
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
S4E400-AP02-04	175,30	152,50	137,20	280F00038		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

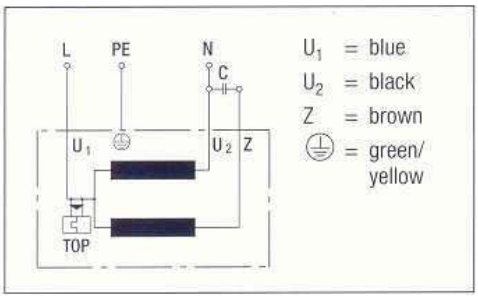


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally





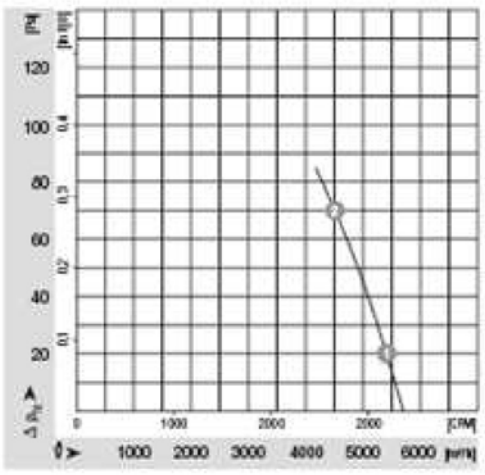
Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
S4E450-AP01-01	M4E074GA	230	50	5800	1400	245	1,10	8/400	73	-	-25..60	7,1
Subject to modification												

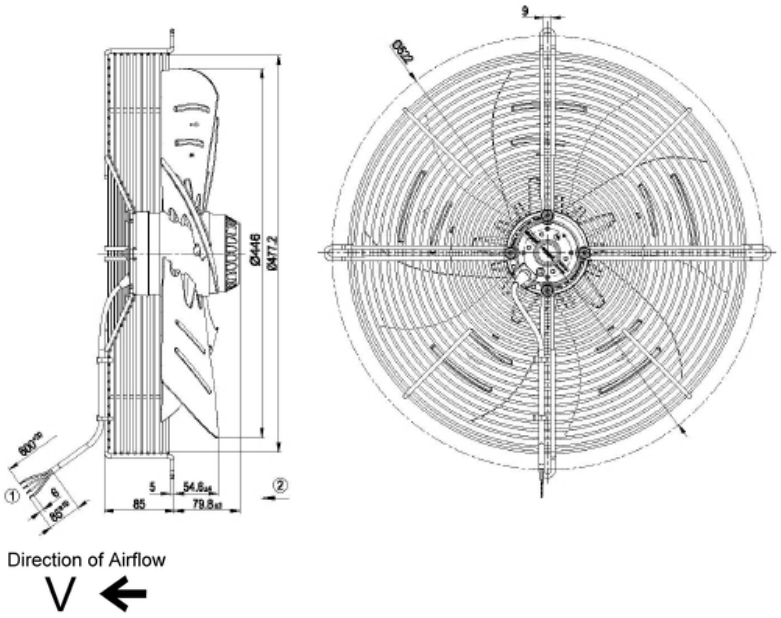
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
S4E450-AP01-01	206,90	179,90	161,90	280F00039		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

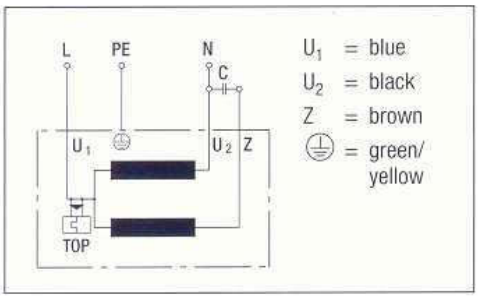


Drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial G2E085

Single inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 300 mm
Norm	EN 60335-1

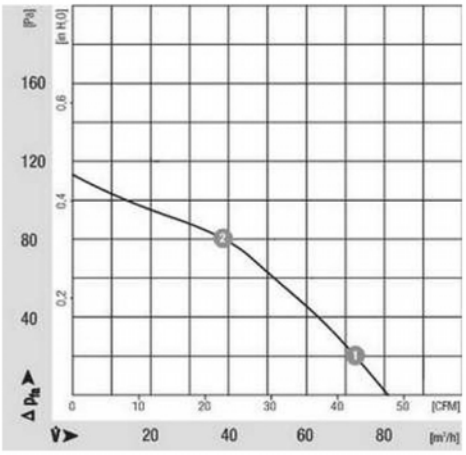
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G2E085-AA01-01	M2E042CA	230	50	80	2350	32	0,15	1/400	53	0	-25..60	0,9
Subject to modification												

Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G2E085-AA01-01	114,60	99,60	89,60	280F00031		

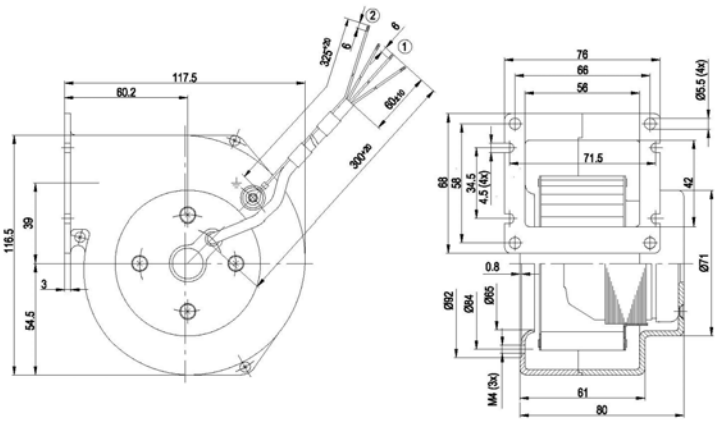
All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
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Pressure over air flow at 50Hz

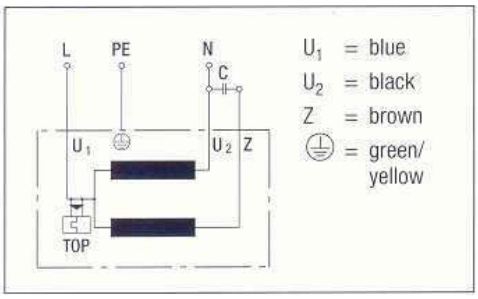


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

G2E108

Single inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free,
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	variabel 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G2E108-AA01-01	M2E042CA	230	50	160	1850	30	0,14	1,5/400	56	0	-25..60	1,3

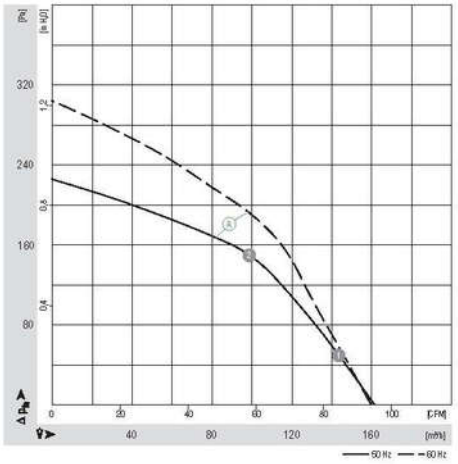
Subject to modification

Pricing

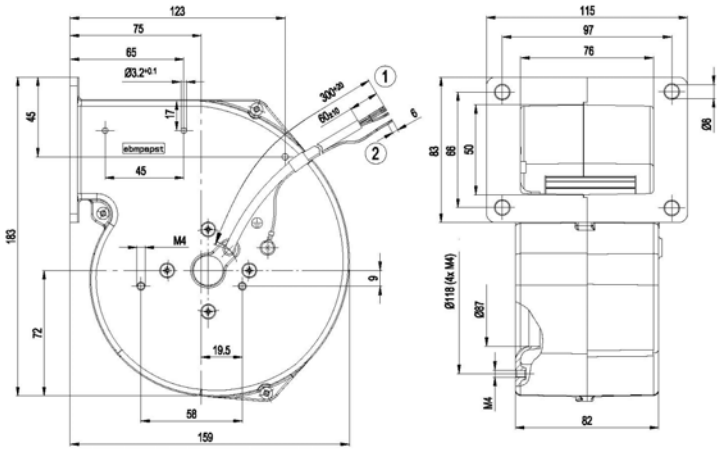
	Quantities			Accessories		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G2E108-AA01-01	119,10	103,60	93,30	280F00032		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

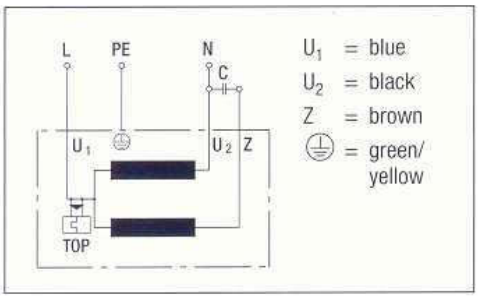


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

G2E120

Single inlet foreward curved



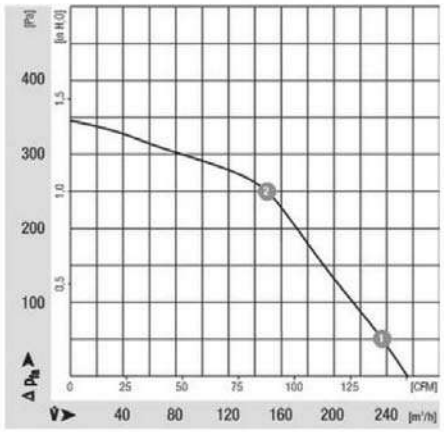
Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G2E120-AR77-01	M2E068BF	230	50	255	2350	80	0,35	2/400	61	0	-25..55	1,8
Subject to modification												

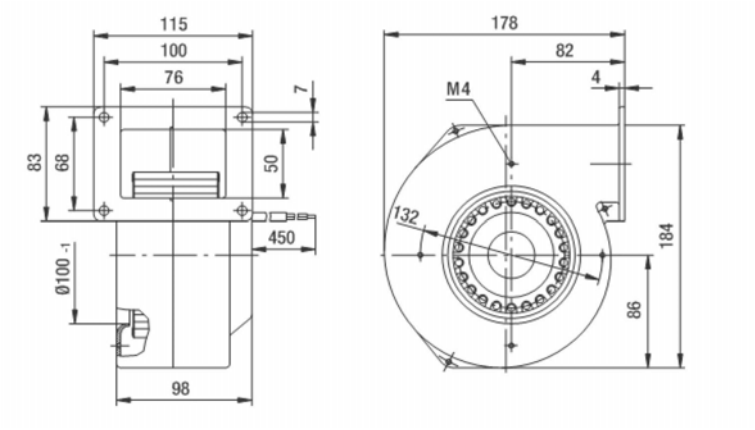
Pricing				**Accessoires**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G2E120-AR77-01	123,00	108,00	95,40	280F00033		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

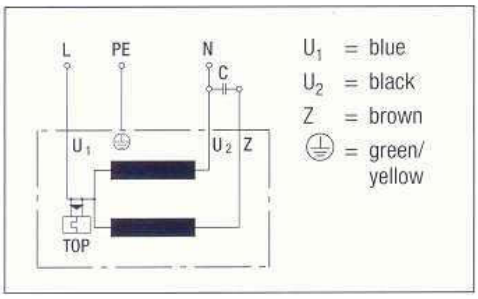


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial G2E140

Single inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free,
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

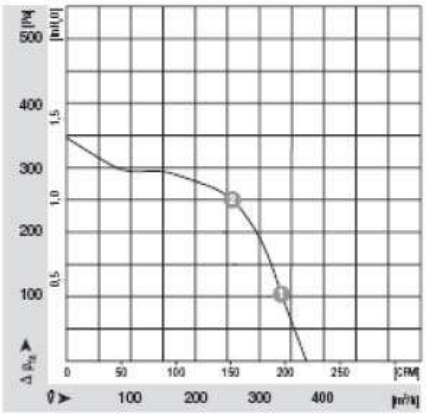
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G2E140-AE77-01	M2E068BF	230	50	370	1400	105	0,46	2/400	59	0	-25..40	2,6
Subject to modification												

Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G2E140-AE77-01	151,60	131,90	118,60	280F00033		

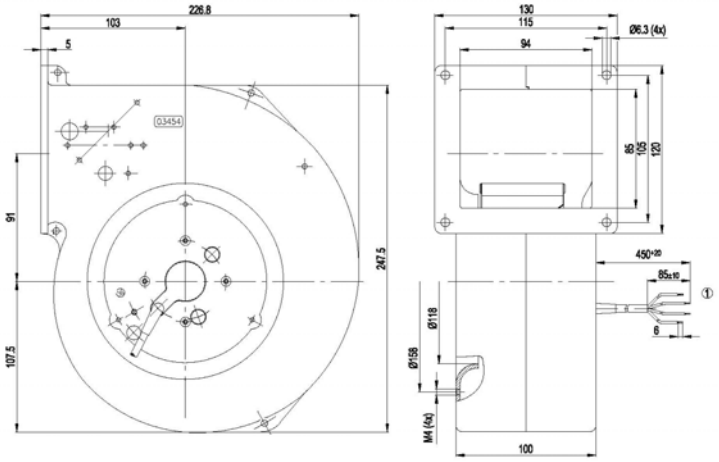
All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

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Pressure over air flow at 50Hz

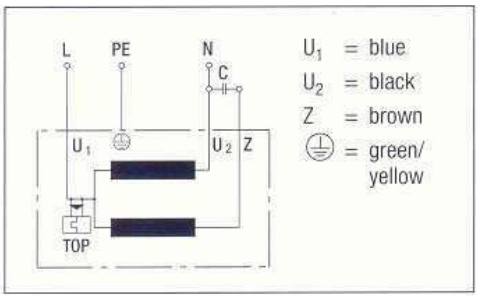


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

R2E140

Single inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
R2E140-AE77-05	M2E068BF	230	50	370	1400	105	0,46	2/400	59	0	-25..40	1,2

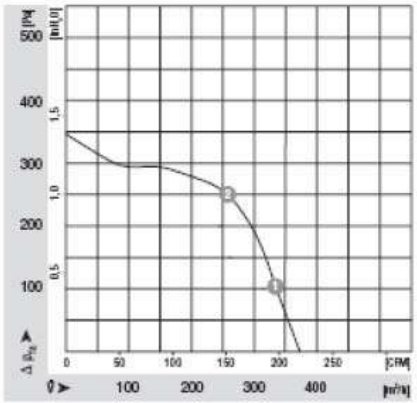
Subject to modification

Pricing

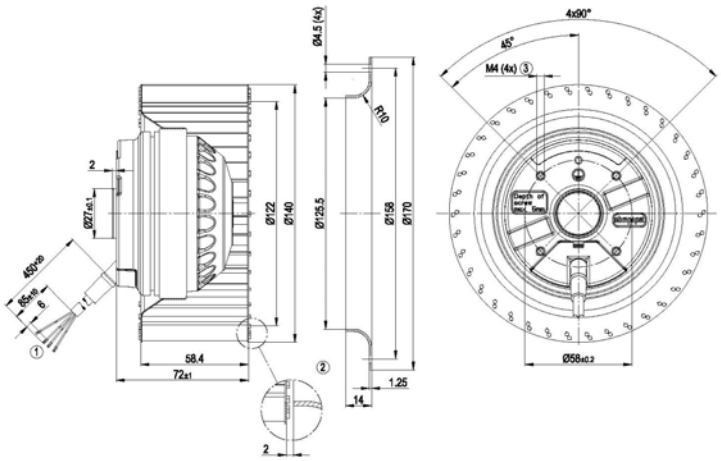
	Quantities			Accessories		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
R2E140-AE77-05	78,60	68,30	61,50	280F00033		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

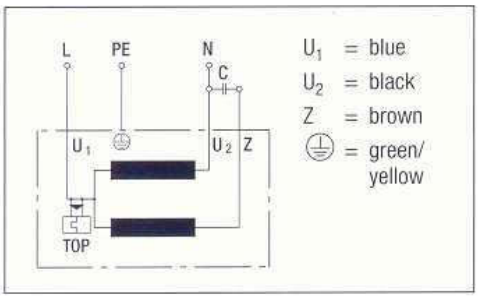


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

G2E140

Single inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

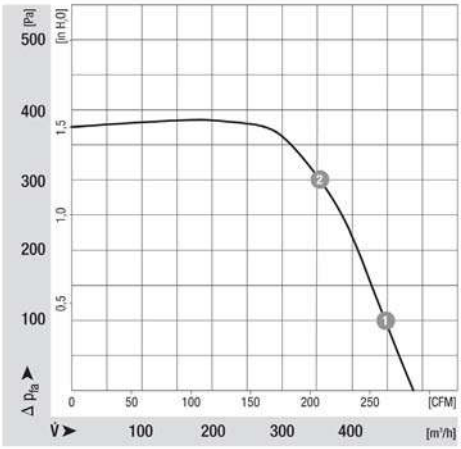
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G2E140-AI28-01	M2E068DF	230	50	485	2400	160	0,70	4/400	72	0	-25..70	3,4
Subject to modification												

Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G2E140-AI28-01	173,20	150,60	135,50	280F00036		

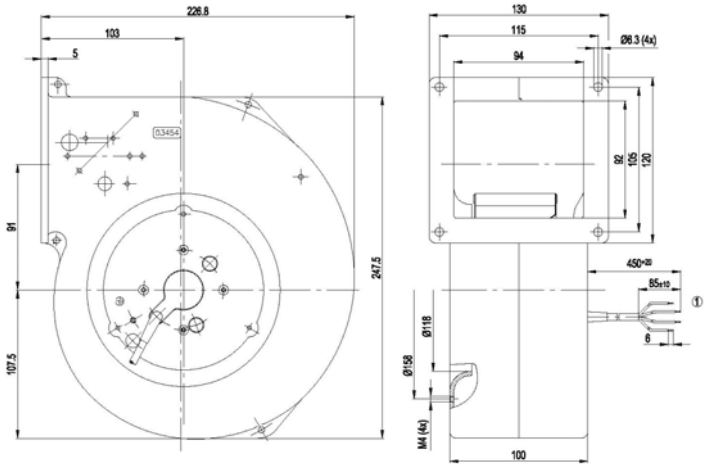
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Pressure over air flow at 50Hz

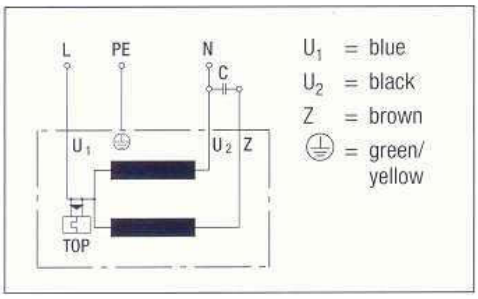


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

G2E160

Single inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G2E160-AY47-01	M2E068EC	230	50	600	2100	240	1,05	6/400	72	0	-25..50	3,9

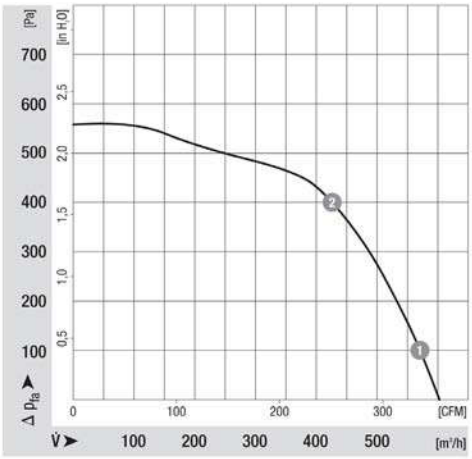
Subject to modification

Pricing

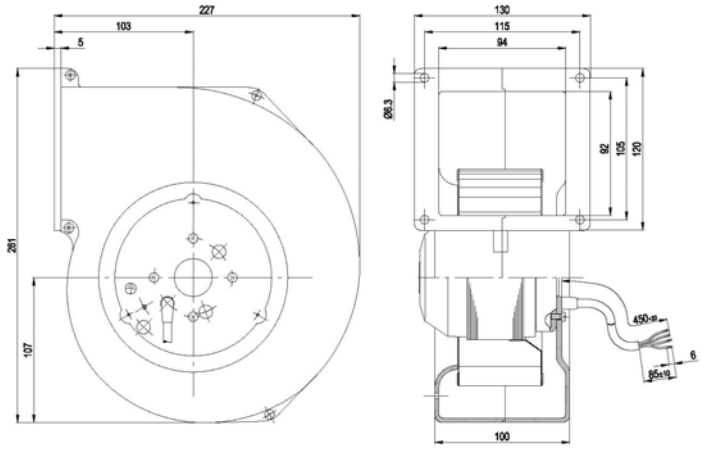
	Quantities			Accessories		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G2E160-AY47-01	196,00	172,00	152,00	280F00038		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
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Pressure over air flow at 50Hz

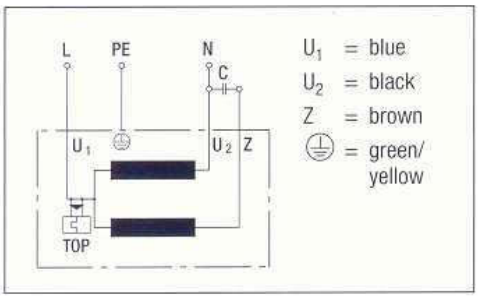


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

R2E160

Single inlet foreward curved



Material :	Rotor cast aluminium Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

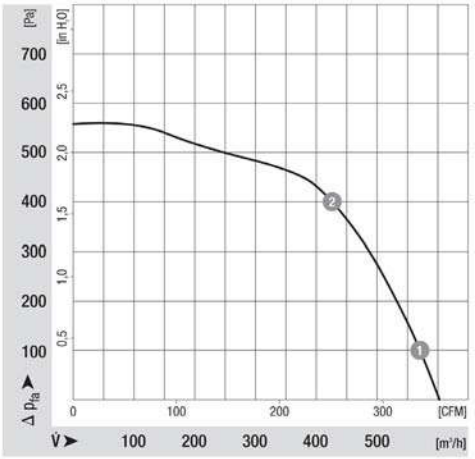
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
R2E160-AY47-01	M2E068EC	230	50	600	2100	240	1,05	6/400	72	0	-25..50	2,6

Subject to modification

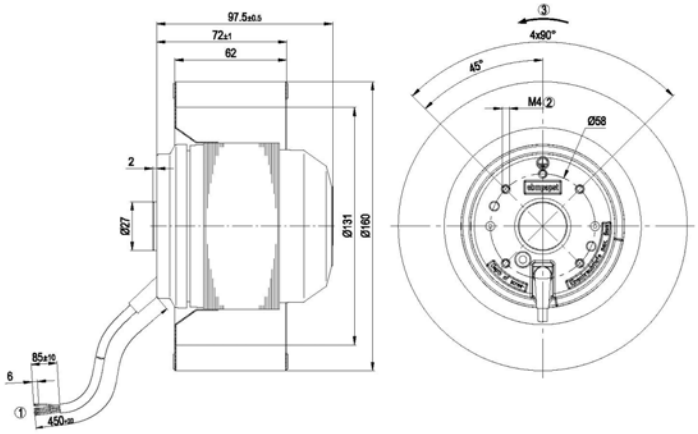
Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
R2E160-AY47-01	139,60	121,40	109,30	280F00038		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

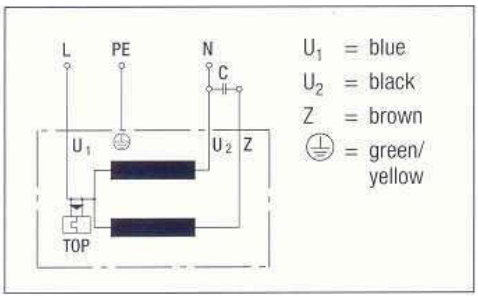


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial G2E180

Single inlet foreward curved



Material :	Rotor cast aluminium Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free,
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

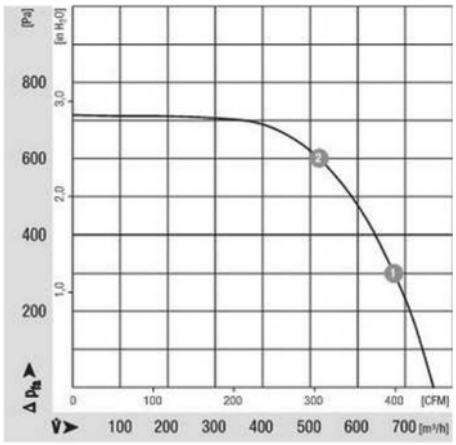
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G2E180-EH03-01	M2E074EI	230	50	760	1950	400	1,75	8/400	73	0	-25..40	5,6
Subject to modification												

Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G2E180-EH03-01	272,50	273,00	213,30	280F00039		

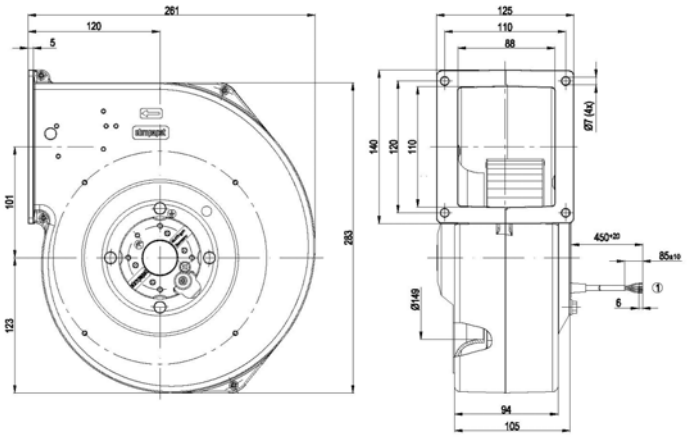
All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

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Pressure over air flow at 50Hz

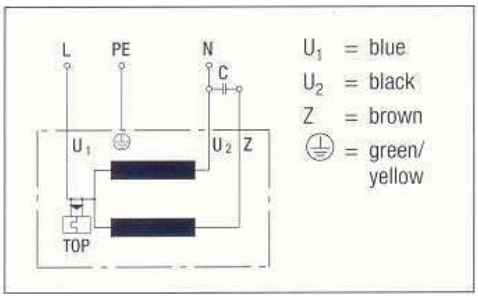


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial G4E180

Single inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 600 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
G4E180-GS11-01	M4E074DF	230	50	1030	1130	180	0,80	4/400	66	0	-25..45	6,4

Subject to modification

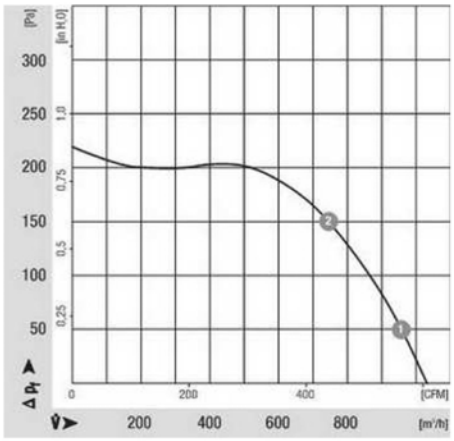
Pricing

	Quantities			Accessories		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
G4E180-GS11-01	266,40	231,60	208,50	280F00036		

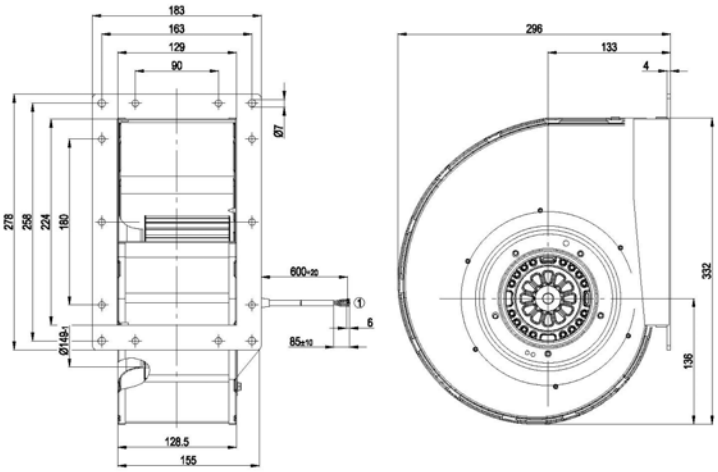
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Pressure over air flow at 50Hz

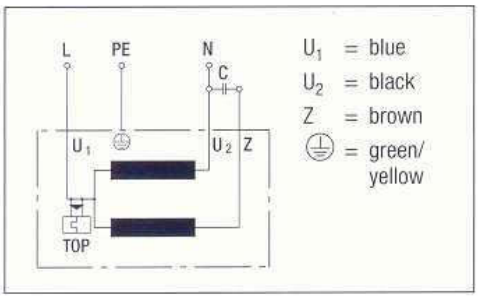


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

D2E097

Double inlet foreward curved



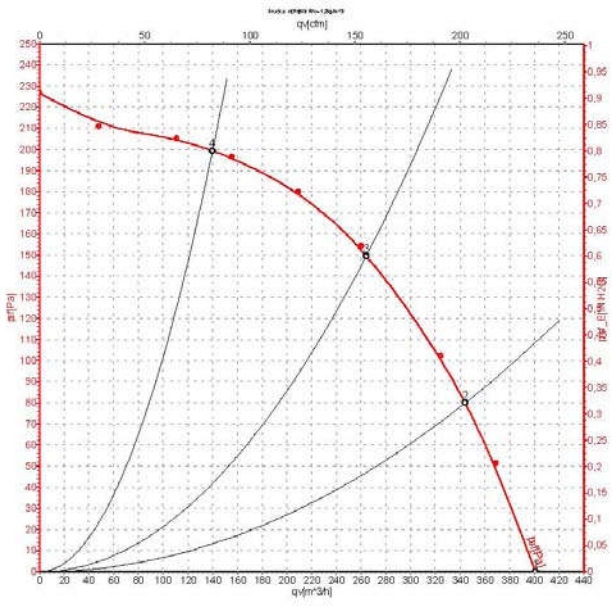
Material :	Rotor cast aluminium Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP20
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 200 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**Pa**	**C**	**kg**
D2E097-BK80-02	M2E068	230	50	400	1750	77	0,34	2/400	0	-40..80	1,45
Subject to modification											

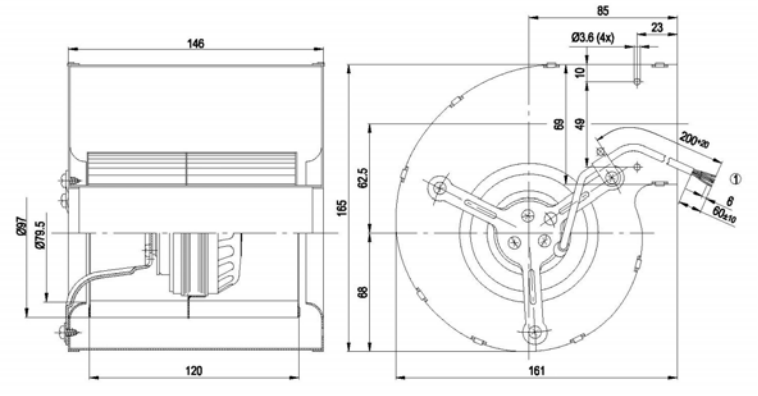
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D2E097-BK80-02	134,00	116,50	104,90	280F00032		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
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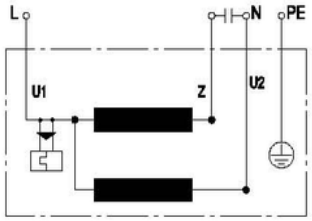
Pressure over air flow at 50Hz



Specific drawing



Connection illustration



U1	blue	Z	brown	U2	black
PE	green/yellow				

AC Radial D2E133

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D2E133-AM47-01	M2E068DF	230	50	685	1500	190	0,84	3/400	59	0	-25..45	3,5

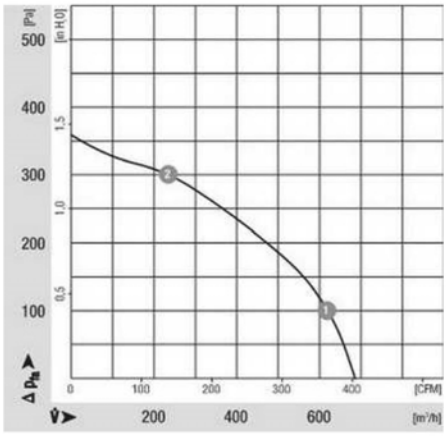
Subject to modification

Pricing

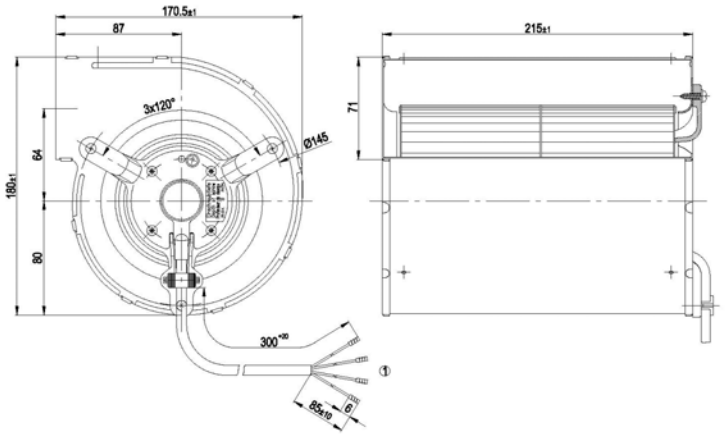
	Quantities			Accessories		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D2E133-AM47-01	155,60	135,30	121,70	280F00035		

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Pressure over air flow at 50Hz

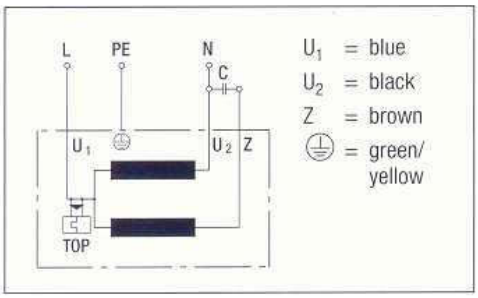


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial D2E133

Double inlet foreward curved



Material :	Rotor cast aluminium Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D2E133-AM47-23	M2E068DF	230	50	685	1500	190	0,84	3/400	59	0	-25..45	3,5

Subject to modification

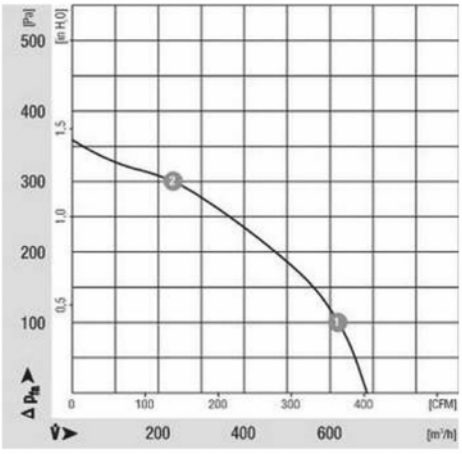
Pricing

	Quantities			Accessories		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D2E133-AM47-23	168,00	146,00	131,50	280F00035		

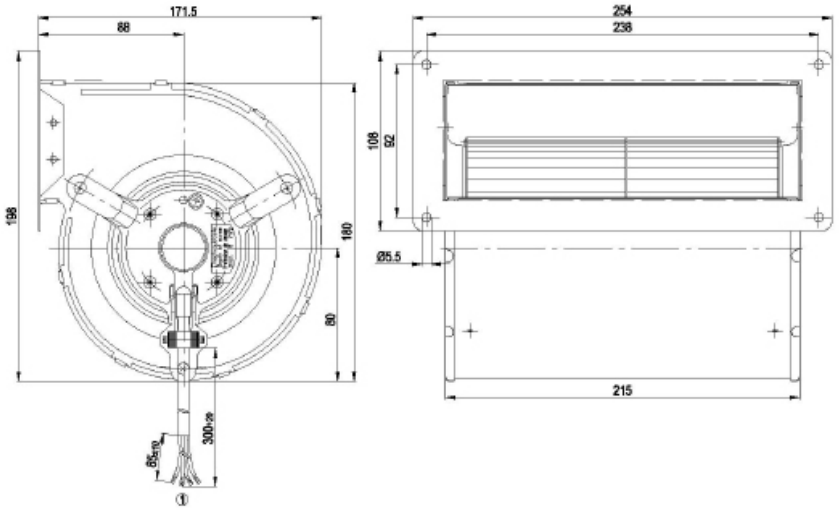
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Pressure over air flow at 50Hz

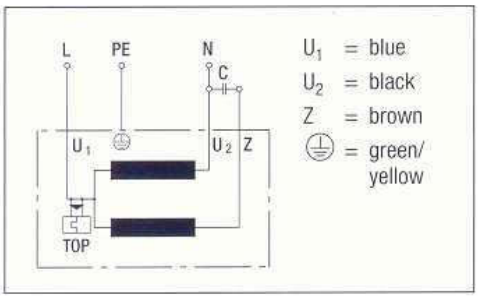


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

D2E133

Double inlet foreward curved



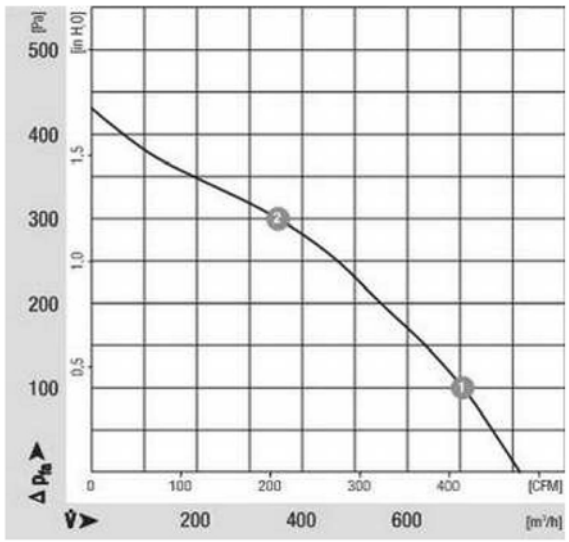
Material :	Rotor cast aluminium Wheel sendzimir steelplate
Direction of rotation:	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges:	None
Mounting position:	Free,
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 300 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D2E133-DM47-01	M2E068DF	230	50	810	1150	190	0,84	3/400	56	0	-25..40	4,4
Subject to modification												

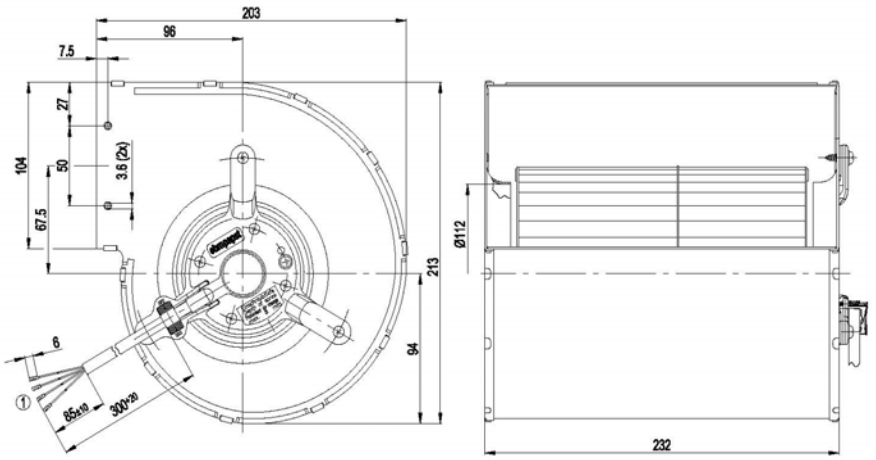
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D2E133-DM47-01	155,60	135,30	121,70	280F00035		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

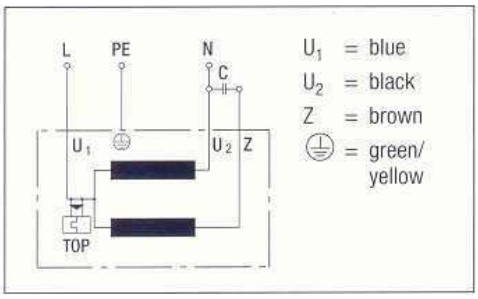


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial D4E133

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 300 mm
Norm	EN 60335-1

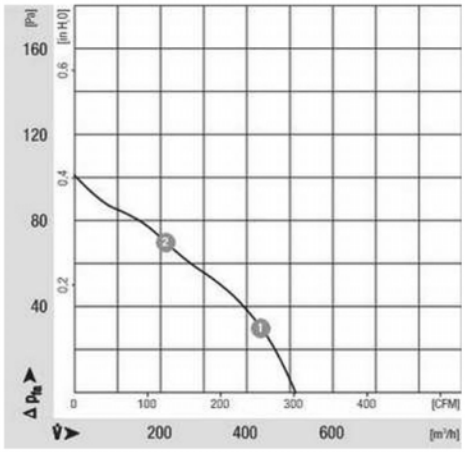
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D4E133-AH01-55	M4E068BF	230	50	510	1180	70	0,32	2/400	52	0	-25..40	2,6

Subject to modification

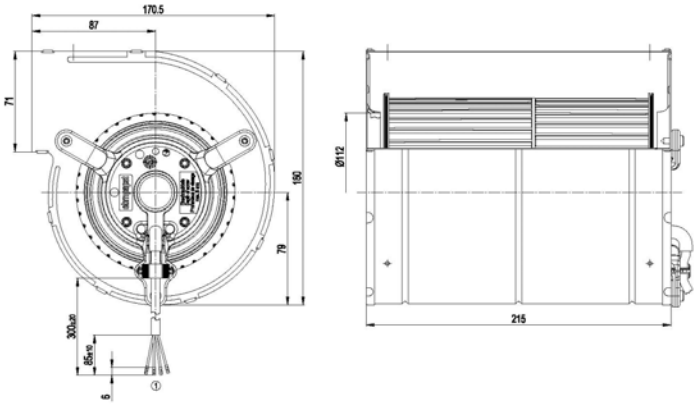
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D4E133-AH01-55	109,10	94,90	85,40	280F00033		

All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Pressure over air flow at 50Hz

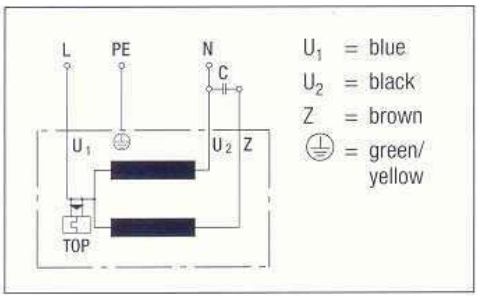


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial D2E146

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Left CCW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 350 mm
Norm	EN 60335-1

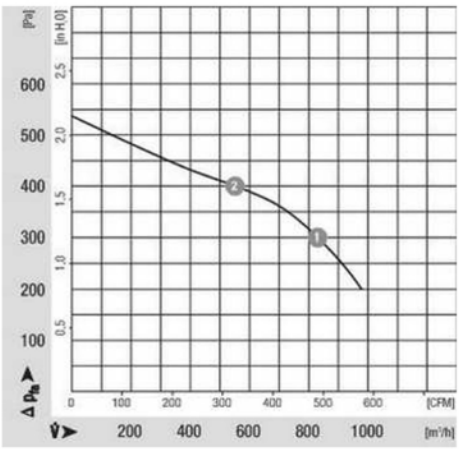
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D2E146-AP47-22	M2E068EC	230	50	970	2050	300	1,32	8/400	63	200	-25..40	4,2
Subject to modification												

Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D2E146-AP47-22	255,10	221,80	199,70	280F00039		

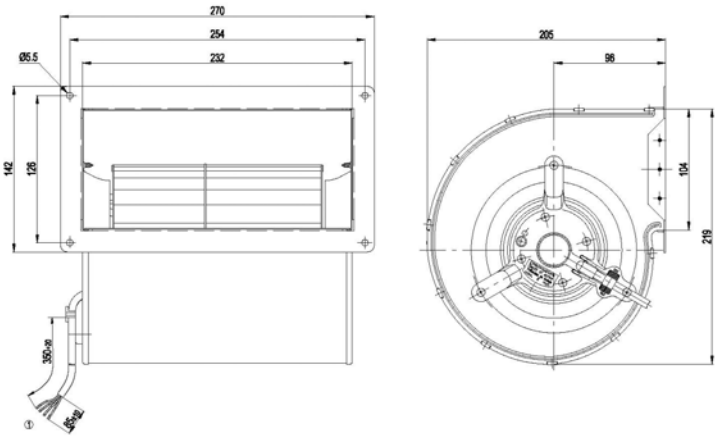
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Pressure over air flow at 50Hz

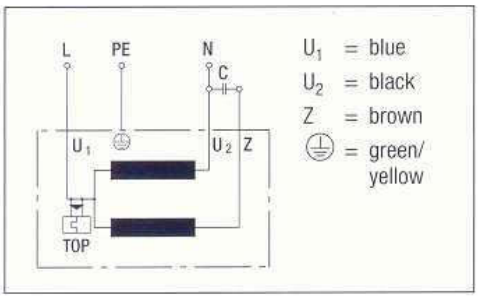


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

D2E146

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP20
Isolation:	F
Condensate discharges	None
Mounting position:	Horizontal axis
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Integrated temperature switches
Cable	Connector
Norm	EN 60335-1

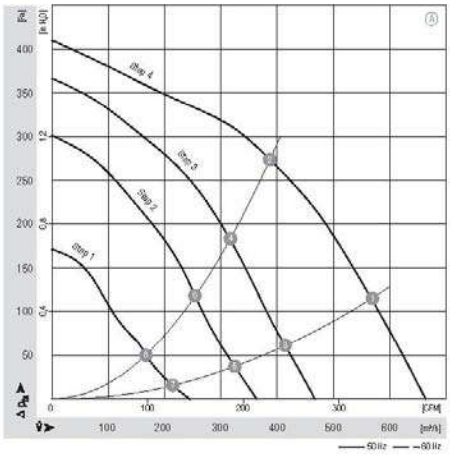
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D2E146-HS97-01		230	50	725	1450	200	0,88	5/400	58	0	-25..50	3,5
Subject to modification												

Pricing	**Quantities**			**Accessories**				
Product Code	**1**	**5-9**	**10>**	**Cable**	**1-4**	**5-9**	**10>**	**Capacitor**
D2E146-HS97-01	118,40	102,90	92,60	21956-4-1040	4,20	3,70	3,30	Integrated

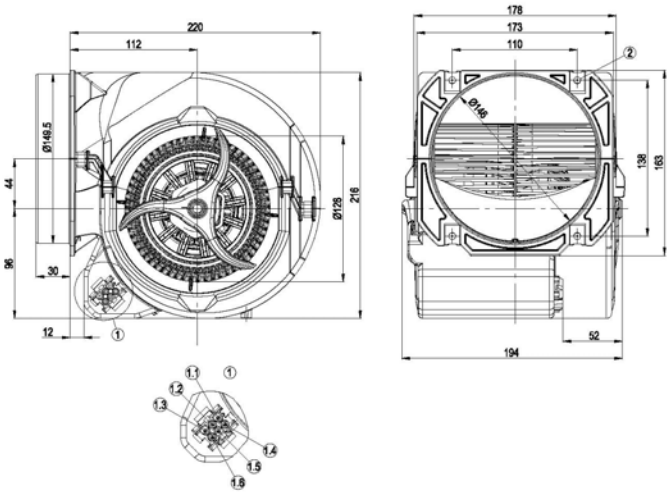
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Pressure over air flow at 50Hz



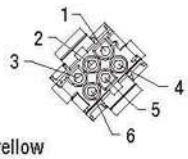
Specific drawing



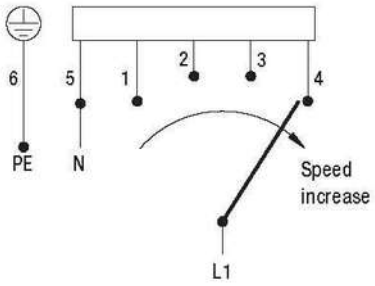
Connection illustration

View X
AMP Universal Mate-N-Lok coded plug system
Connector shell: AMP 926 682-3
6 x plug pin: AMP 926 886-1

1 =	Step 1 (min.)	white
2 =	Step 2	red
3 =	Step 3	grey
4 =	Step 4 (max.)	black
5 =	N	blue
6 =	Protective earth	green/yellow



Electrical connection:
When changing speeds, switch must break the circuit



AC Radial

D2E146

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP20
Isolation:	F
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Integrated temperature switches
Cable	Connector
Norm	EN 60335-1

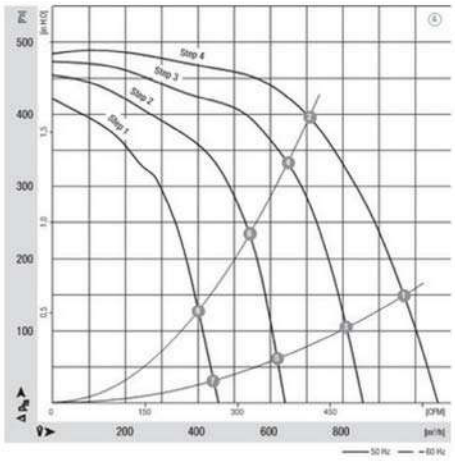
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D2E146-HT67-01		230	50	1060	1850	355	1,55	8/400	66	0	-25..50	3,6
Subject to modification												

Pricing	**Quantities**			**Accessories**				
Product Code	**1**	**5-9**	**10>**	**Cable**	**1-4**	**5-9**	**10>**	**Capacitor**
D2E146-HT67-01	129,00	112,20	101,00	21956-4-1040	4,20	3,70	3,30	Integrated

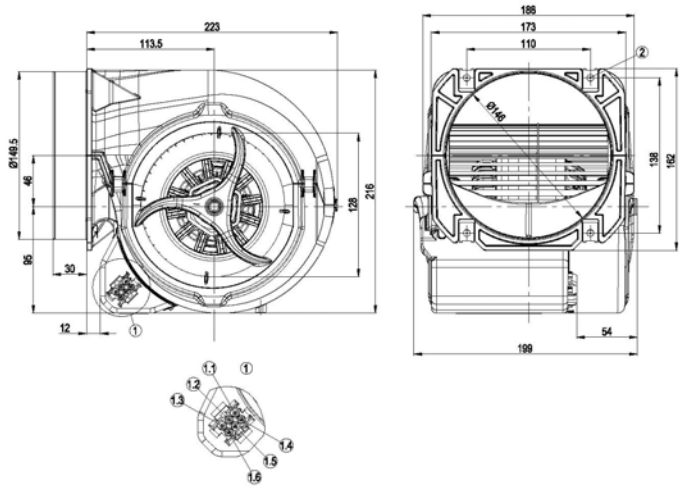
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Download PDF datasheet

Pressure over air flow at 50Hz



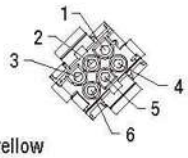
Specific drawing



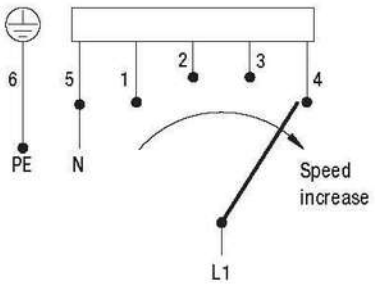
Connection illustration

View X
AMP Universal Mate-N-Lok coded plug system
Connector shell: AMP 926 682-3
6 x plug pin: AMP 926 886-1

1 =	Step 1 (min.)	white
2 =	Step 2	red
3 =	Step 3	grey
4 =	Step 4 (max.)	black
5 =	N	blue
6 =	Protective earth	green/yellow



Electrical connection:
When changing speeds, switch must break the circuit



AC Radial D4E180

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	F
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D4E-180-CA02-26		230	50	2110	1250	380	1,68	10/400	64	0	-25..60	10,8

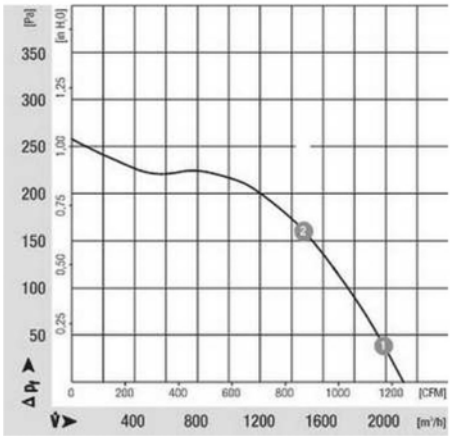
Subject to modification

Pricing

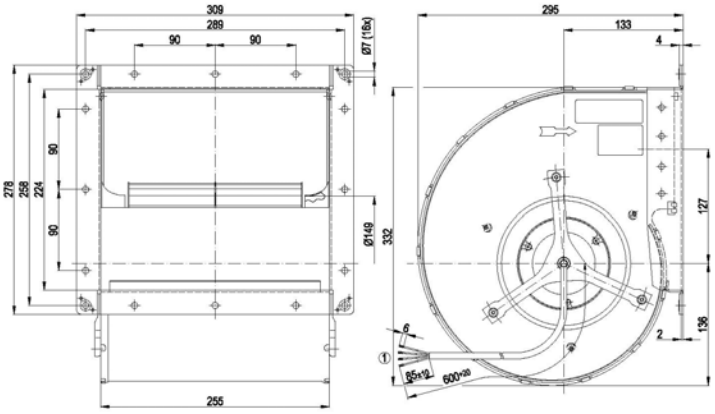
	Quantities			Accessories		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D4E-180-CA02-26	424,60	369,20	332,20	280F00040		

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Pressure over air flow at 50Hz

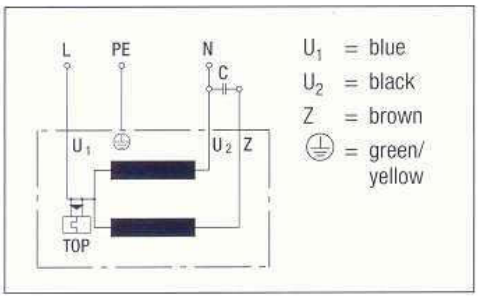


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial D4E200

Double inlet foreward curved



Material :	Rotor cast aluminium Wheel sendzimir steelplate
Direction of rotation	Right CCW seen on rotor
Protection:	IP54
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 600 mm
Norm	EN 60335-1

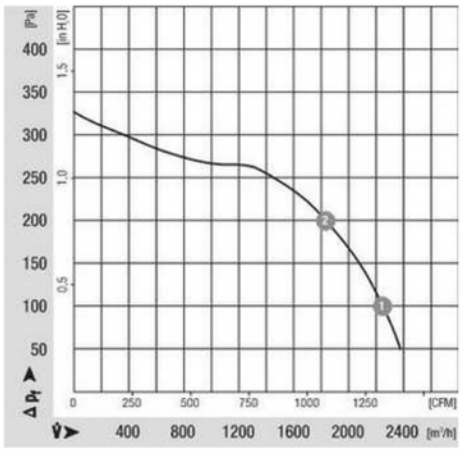
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D4E200-CA02-02	M4E068LA	230	50	2380	1100	490	2,15	10/400	60	50	-25..40	11,9
Subject to modification												

Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D4E200-CA02-02	454,00	394,80	355,20	280F00040		

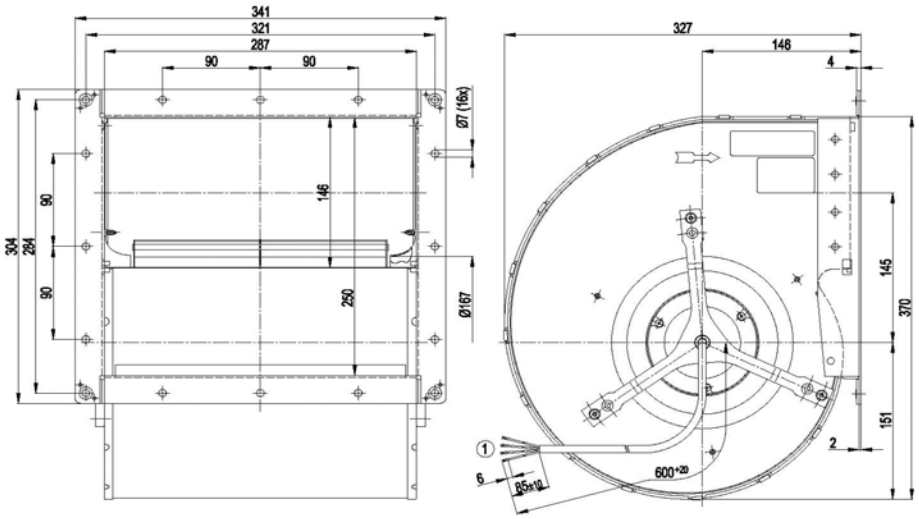
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Pressure over air flow at 50Hz

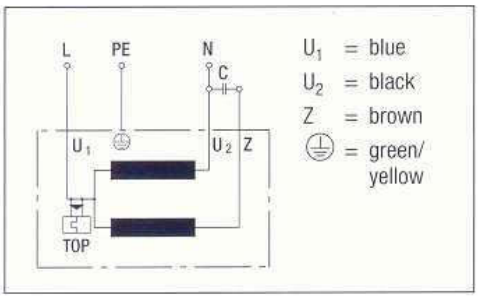


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

D4E225

Double inlet foreward curved



Material :	Rotor coated Black
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	F
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 450 mm
Norm	EN 60335-1

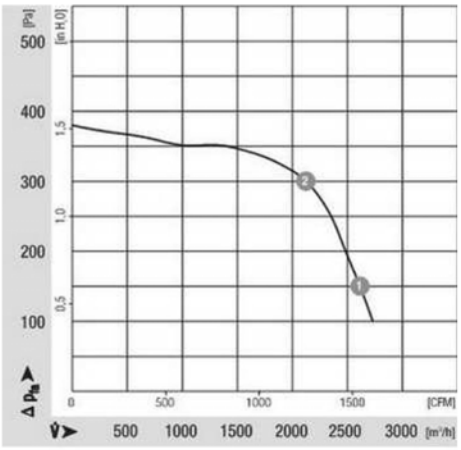
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D4E225-CC01-21	M4E074LA	230	50	2650	1150	650	2,84	25/400	65	100	-25..55	12,4
Subject to modification												

Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D4E225-CC01-21	467,50	406,60	365,90	280F00045		

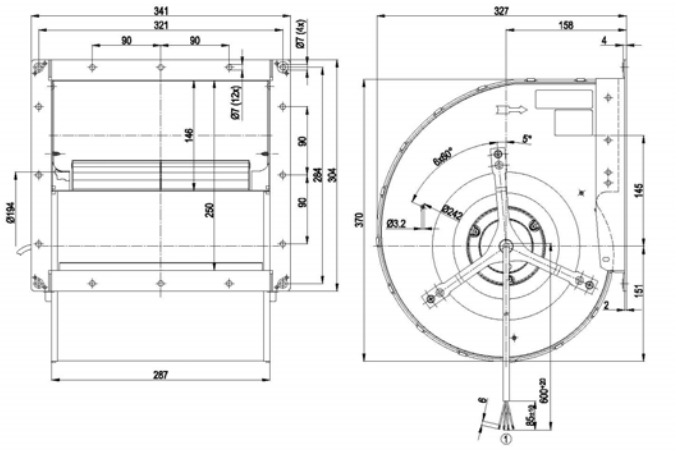
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Pressure over air flow at 50Hz

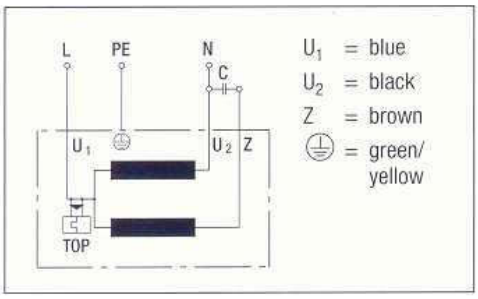


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

D4E240

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CCW seen on rotor
Protection:	IP20
Isolation:	F
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel 600 mm
Norm	EN 60335-1

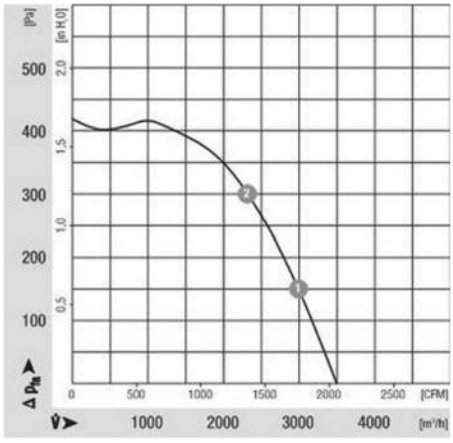
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D4E240-BA01-01	M4E094IF	230	50	3490	1300	1020	4,45	25/400	72	0	-40..50	15,3
Subject to modification												

Pricing	**Quantities**			**Accessories**		
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
D4E240-BA01-01	511,20	444,50	400,10	280F00045		

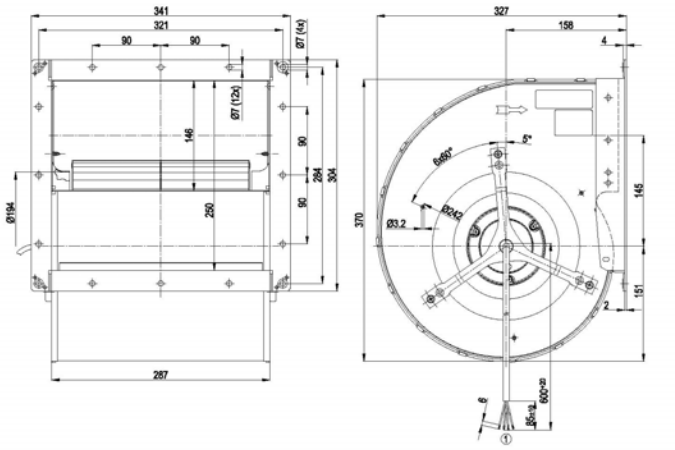
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Pressure over air flow at 50Hz

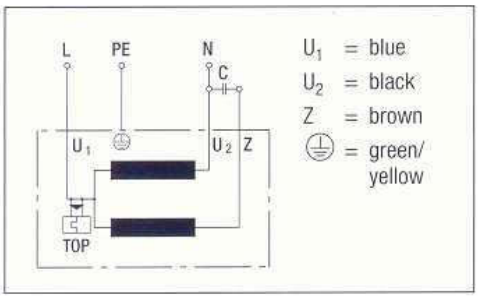


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

R2S175

Backward curved



Material :	Rotor coated Black
	Wheel PA 6.6
Direction of rotation	Right CW seen on rotor
Protection:	IP20
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 400 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
R2S175-AB56-01	M2S052CA	230	50	440	2350	53	0,33	-	61	-	-25..40	0,9

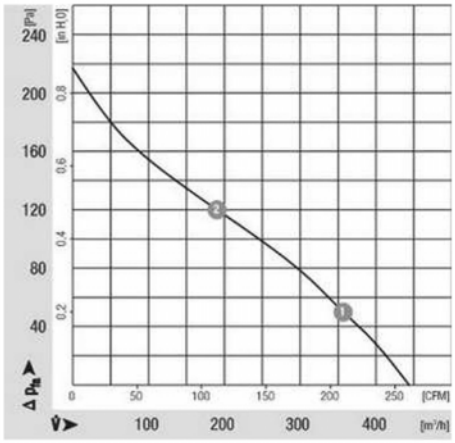
Subject to modification

Pricing

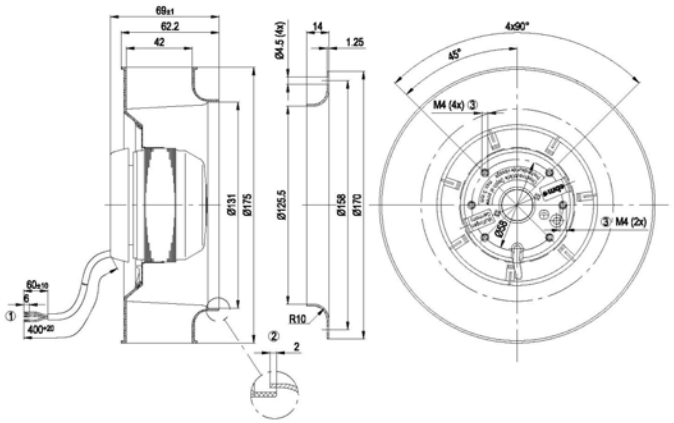
	Quantities		
Product Code	**1**	**5-9**	**10>**
R2S175-AB56-01	73,20	63,70	57,20

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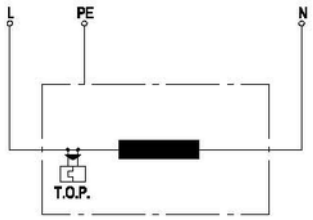
Pressure over air flow at 50Hz



Specific drawing



Connection illustration



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector

AC Radial

R2E190

Backward curved



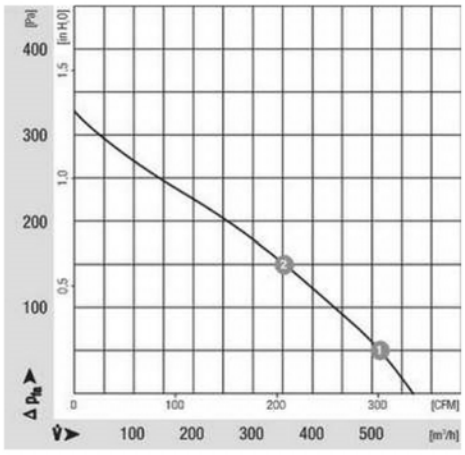
Material :	Rotor coated Black Wheel PA6.6
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor
Mounting position:	Free, rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**Pa**	**C**	**kg**
R2E190-AO26-05	M2E068BF	230	50	570	2500	58	0,26	2/400-	-	-25..50	1,2
Subject to modification											

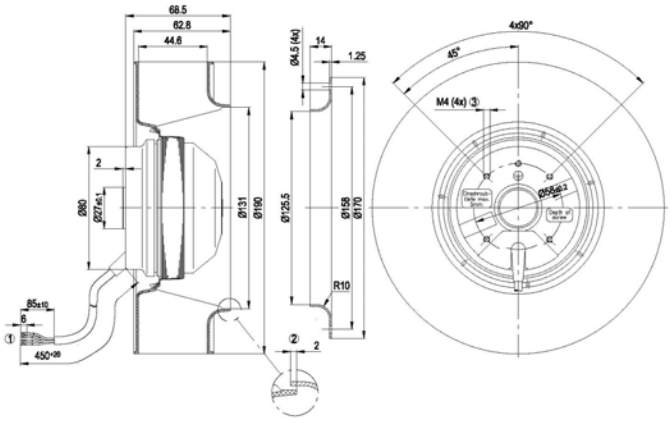
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
R2E190-AO26-05	76,80	66,80	60,10	280F00033		

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Pressure over air flow at 50Hz

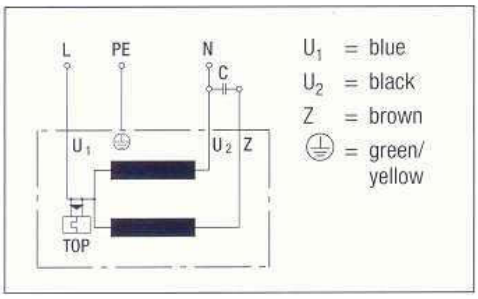


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

R2E220

Backward curved



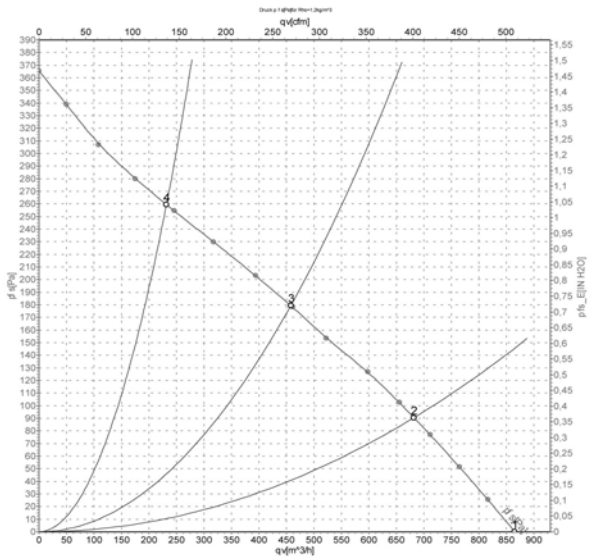
Material :	Rotor coated Black Wheel PA6.6
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free, rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel out of stator length: 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
R2E220-AA40-05	M2E068BF	230	50	860	2600	85	0,38	3/400-	73	-	-25..40	1,3
Subject to modification												

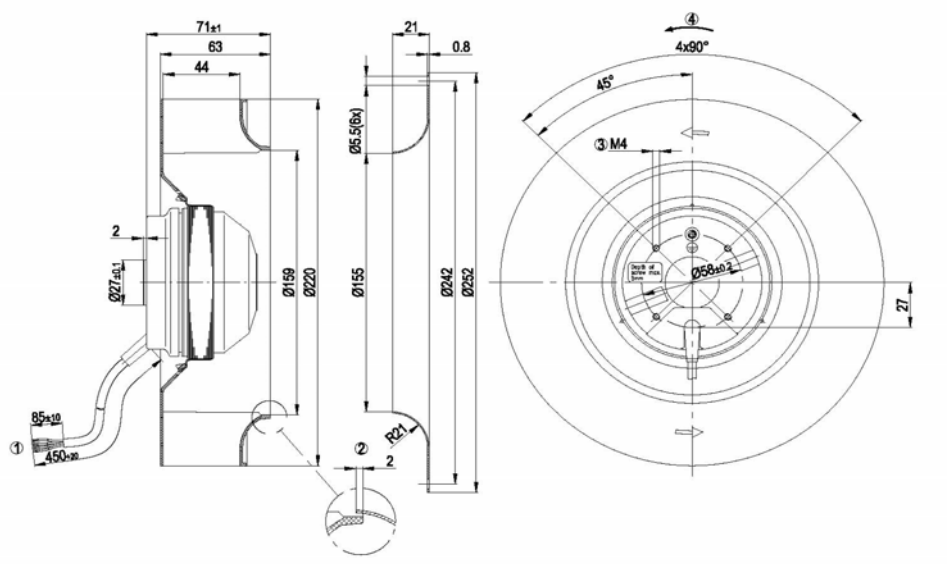
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
R2E220-AA40-05	77,90	67,80	61,00	280F00035		

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Pressure over air flow at 50Hz

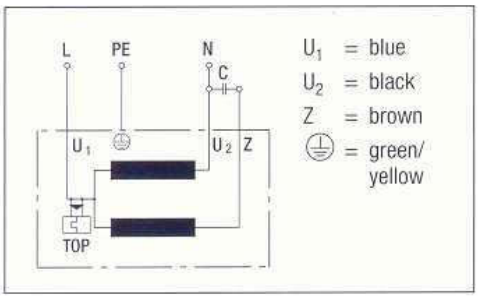


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

R2E225

Backward curved



Material :	Rotor coated Black
	Wheel sendzimir steelplate black
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length : 450 mm
Norm	EN 60335-1

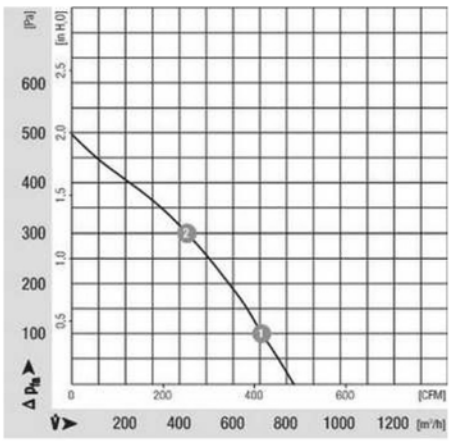
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
R2E225-AT51-05	M2E068DF	230	50	850	2650	105	0,46	3/400-	70	-	-25..60	2,1

Subject to modification

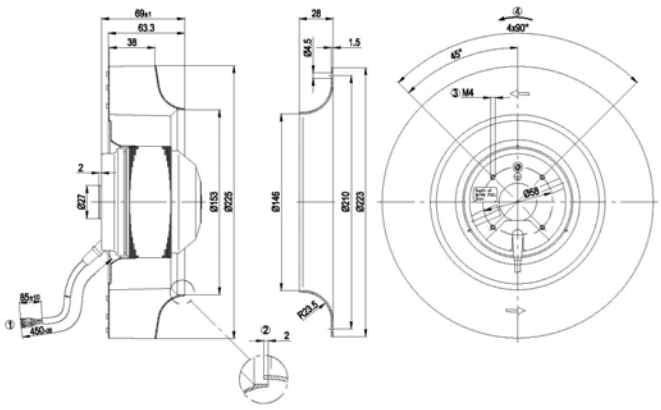
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
R2E225-AT51-05	114,60	99,60	89,60	280F00035		

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Pressure over air flow at 50Hz

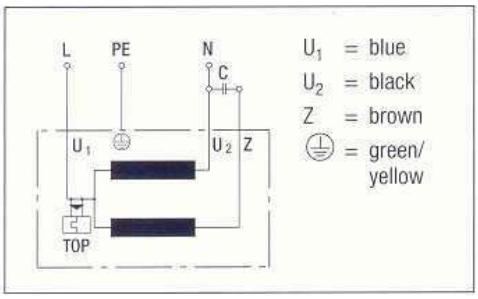


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



AC Radial

R4E280

Backward curved



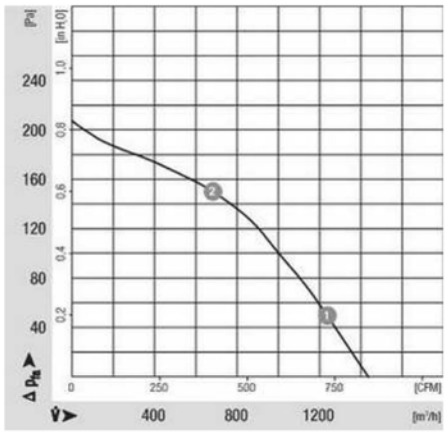
Material :	Rotor coated Black
	Wheel sendzimir steelplate Black
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor
Mounting position:	Free, rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Axial out of stator length: 450 mm
Norm	EN 60335-1

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
R4E280-AD08-05	M4E068DF	230	50	1425	1420	78	0,35	2,5/400	62	-	-25..40	2,8
Subject to modification												

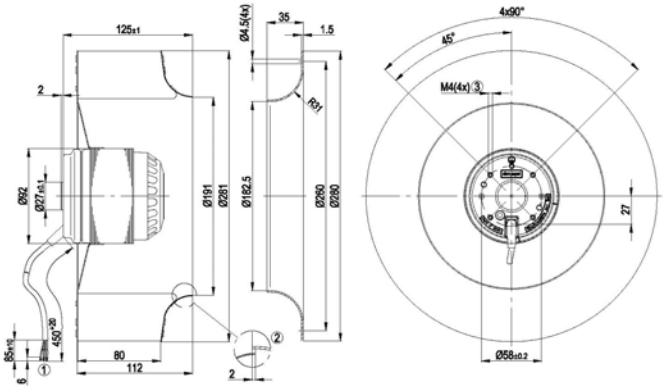
Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Capacitor**	**1-9**	**10-49**
R4E280-AD08-05	182,90	159,00	143,10	280F00034		

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Pressure over air flow at 50Hz

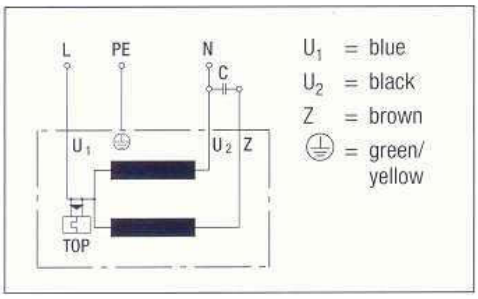


Specific drawing



Connection illustration

Single-phase capacitor motor with
TOP wired internally



EC Radial

D3G133

Double inlet foreward curved



Material :	Rotor cast aluminium
	Wheel sendzimir steelplate
Direction of rotation	Right CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Locked rotor protection
Cable	Variabel 450 mm
Norm	EN 60335-1

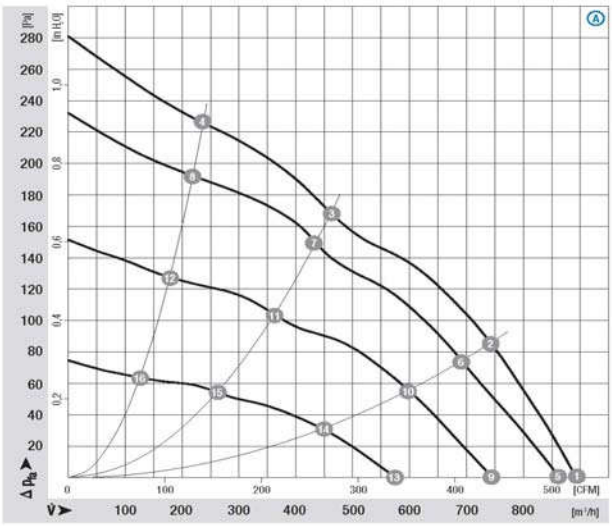
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D3G133-BF03-02	M3G055CF	230	50	890	1280	86	0,65		52	0	-25..40	3
Subject to modification												

Pricing	**Quantities**			**Accessories**	
Product Code	**1**	**5-9**	**10>**	**Speed control device**	**Price**
D3G133-BF03-02	157,70	137,10	123,50	280A00050	34,35

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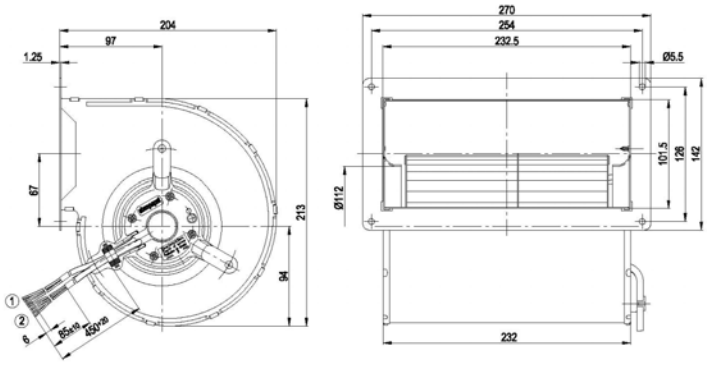
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Pressure over air flow at 50Hz

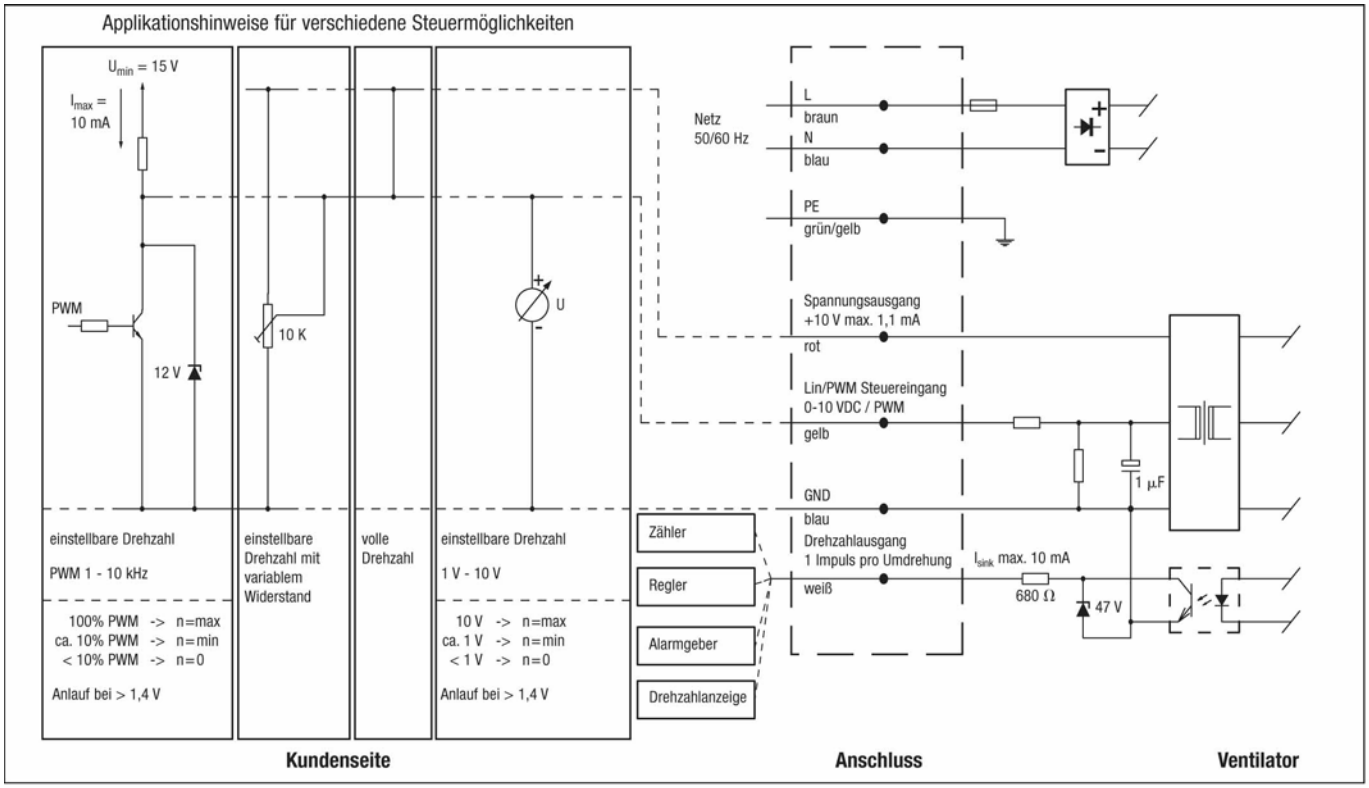


See curve 2, 3, 4

Specific drawing



Connection illustration



EC Radial

D3G146

Double inlet foreward curved



Material :	Housing material PP plastic, Black
	Impeller material sheet steel, hot galvanised
Direction of rotation	Counter CW seen on rotor
Protection:	IP44
Isolation:	F
Condensate discharges	None
Mounting position:	Free,
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Connector
Norm	EN 60335-1

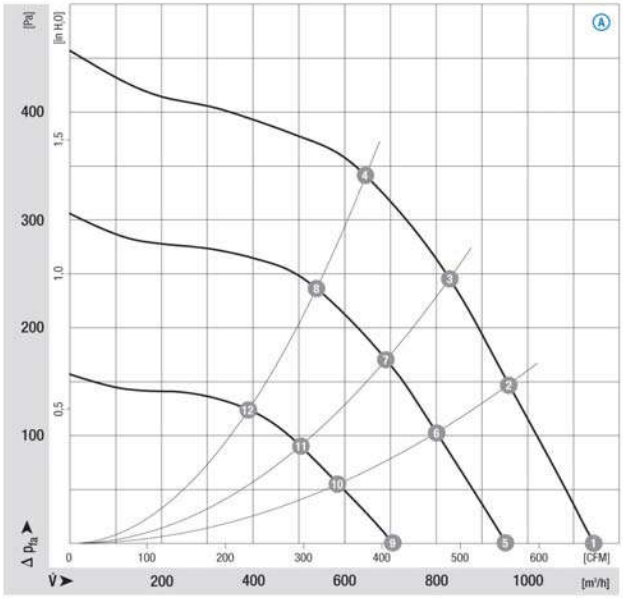
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
D3G146-LV13-01		230	50	1140	1550	182	1,40		64	0	-40..80	2,9
Subject to modification												

Pricing				**Accessories**		
	Quantities					
Product Code	**1**	**5-9**	**10>**	**Speed control device**	**Price**	**Connection leads**
D3G146-LV13-01	186,70	163,90	144,80	280A00050	34,35	See page 211

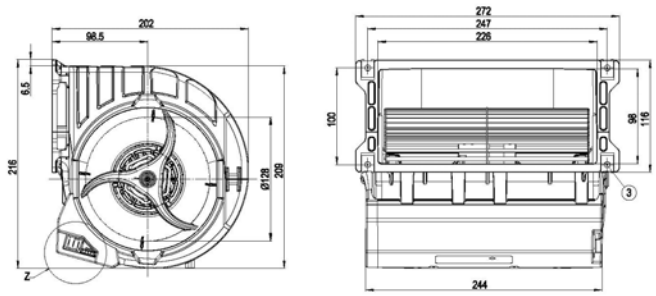
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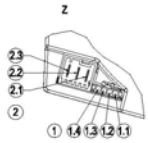
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Pressure over air flow at 50Hz



Specific drawing



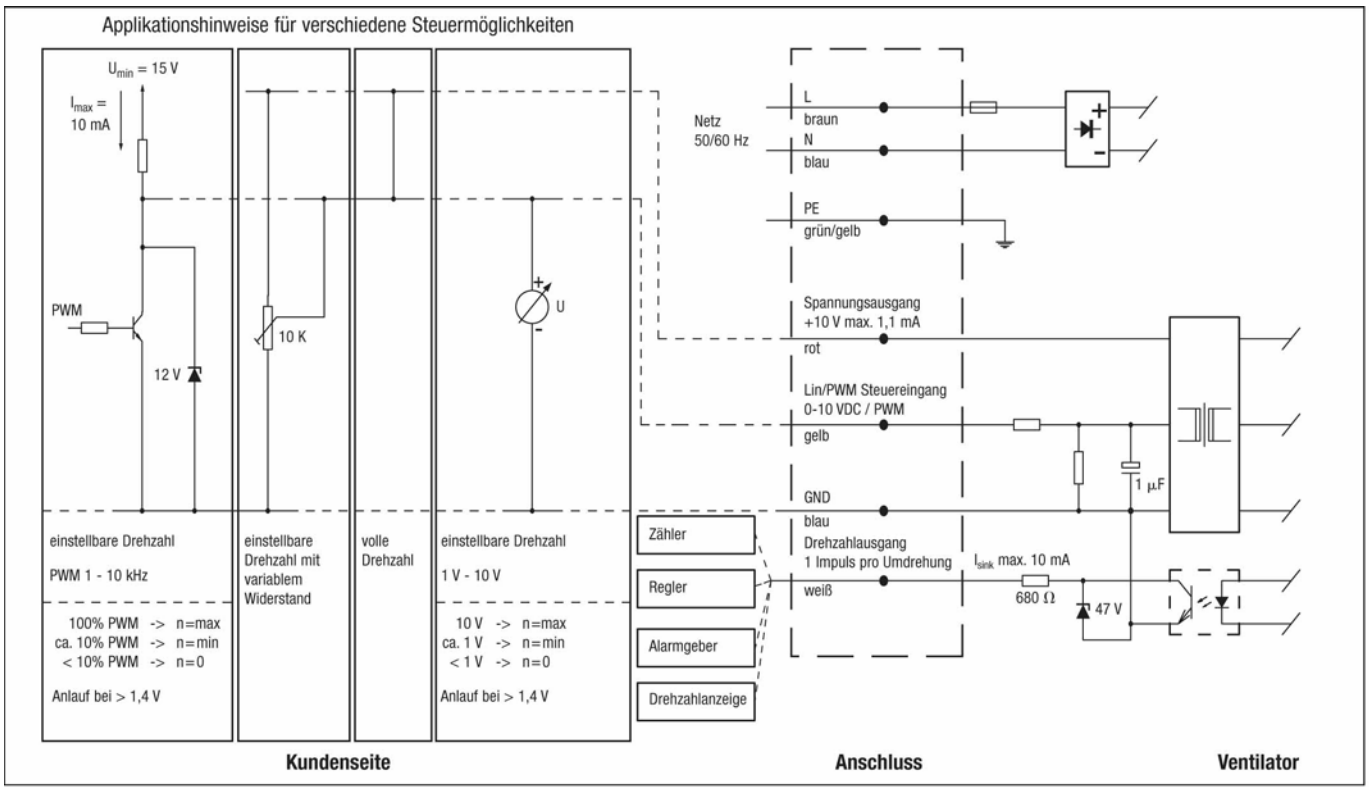


1	Strip Molex Micro Fit 3.0 04365 00400 (pluggable with 04364 50400)
1.1	10V
1.2	Tach
1.3	0-10V lin. / PWM
1.4	GND
2	Plug connector Lumberg 3642 03 K01 (pluggable with 3626 03 K01)
2.1	PE
2.2	L
2.3	N
3	4x sheet metal nut for thread EN ISO 1478-ST4.8 (min. screw length 14.5 mm plus thickness of mounting material)

Please see the attachment on page 210 for:

Connection leads EC / Cables

Connection illustration



AC Compact Fan 8556 VW

80 x 80 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
8556 VW / 9244014609	230	50/60	50	2800	12	Ball	37	52500	15000	-40..90	0,5

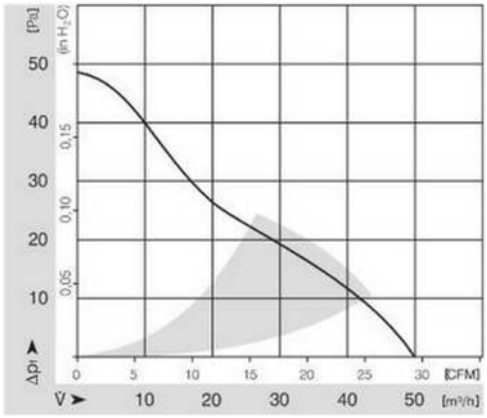
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
8556 VW / 9244014609	40,50	35,24	29,97	LZ32-4/9920032004

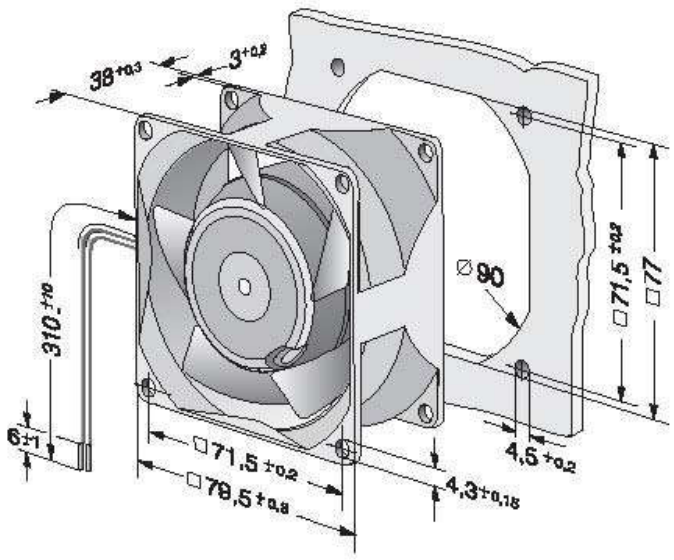
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 8556 VWR-686

80 x 80 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free,
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
8526 VWR-686 / 9244014686	24	50/60	47	2800	12	Ball	31	52500	40000	-20..90	0,5

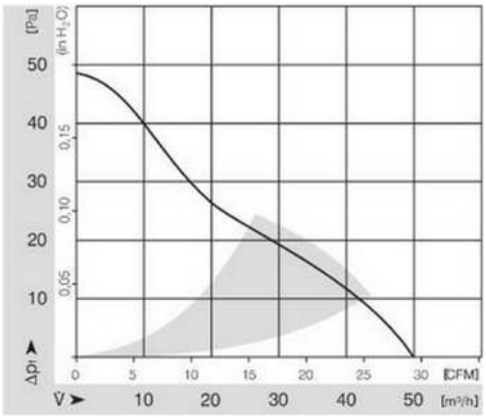
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
8526 VWR-686 / 9244014686	45,90	39,93	33,97	LZ32-4 99200.32004

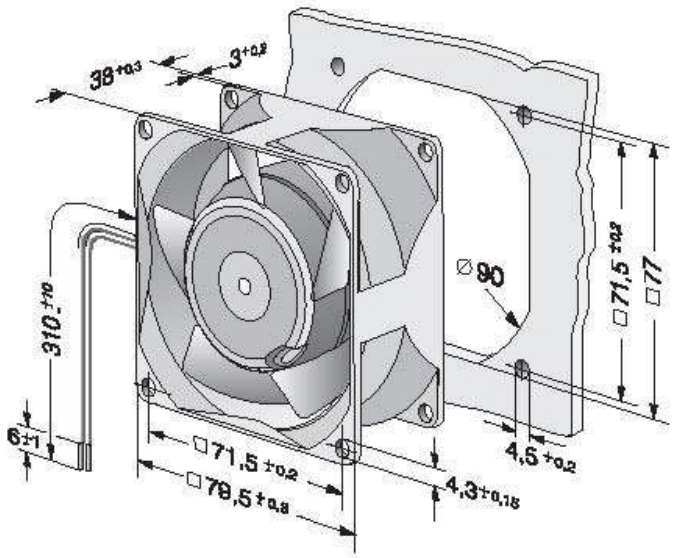
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 3956

92 x 92 x 25



Material :	Rotor coated Black PA6
	Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 2,8 x 0,5 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
3956 / 9282708100	230	50/60	59	2650	11	Ball	35	55000	20000	-40..80	0,3

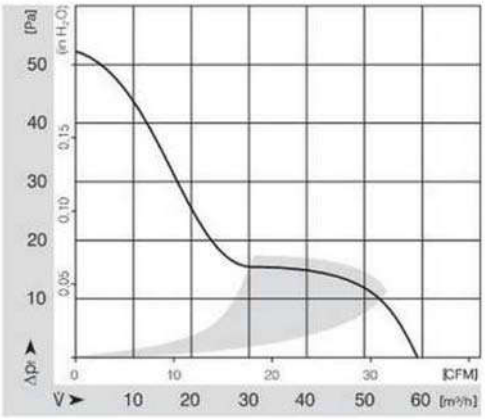
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
3956 / 9282708100	33,40	29,06	24,72	LZ23-1 9920023002

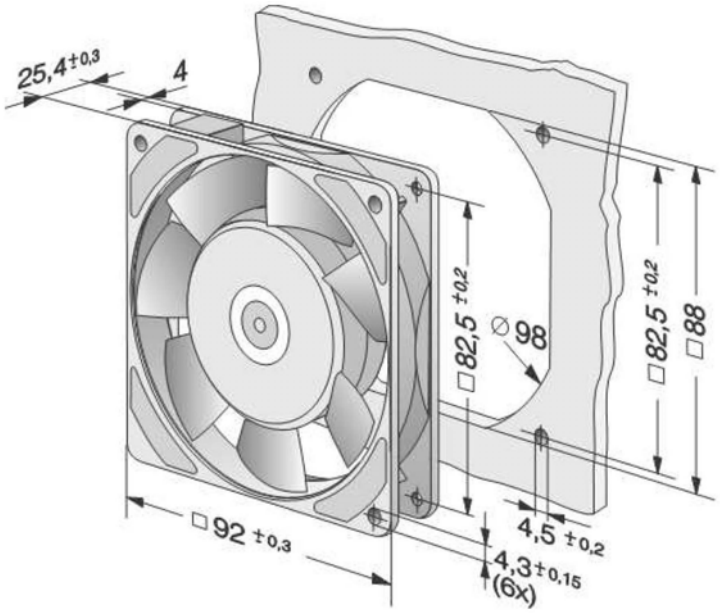
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 3656

92 x 92 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
3656 / 9244014700	230	50/60	75	2700	12	Ball	37	52500	22500	-40..75	0,5

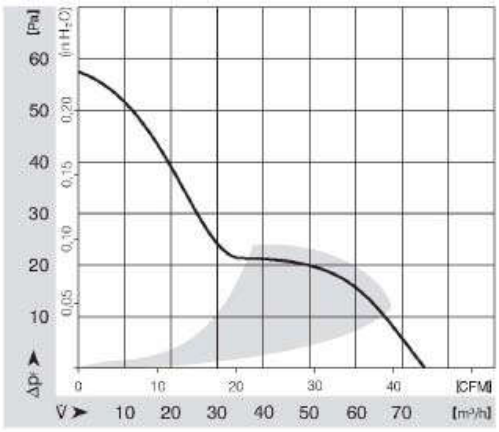
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
3656 / 9244014700	48,70	42,37	36,04	LZ23-1 9920023002

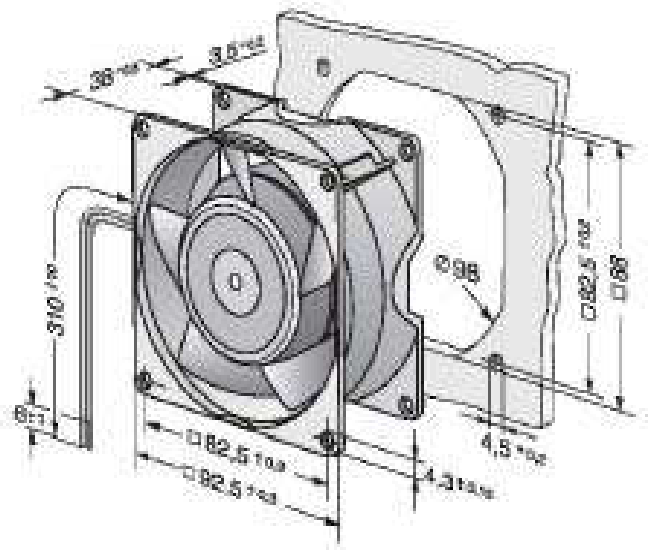
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A handling fee of € 35,00 is added to every order with a total value of less than € 500,00 (net, excl. VAT)

Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 9956

119 x 119 x 25



Material :	Rotor coated Black Pa6
	Blades coated black reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 2,8 x 0,5 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
9956 / 9282708001	230	50/60	117	2450	14	Ball	37	47500	22500	-40..70	0,3

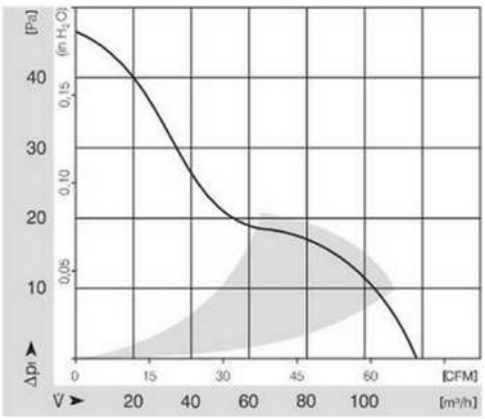
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
9956 / 9282708001	33,80	29,41	25,01	LZ30-4 9920030004

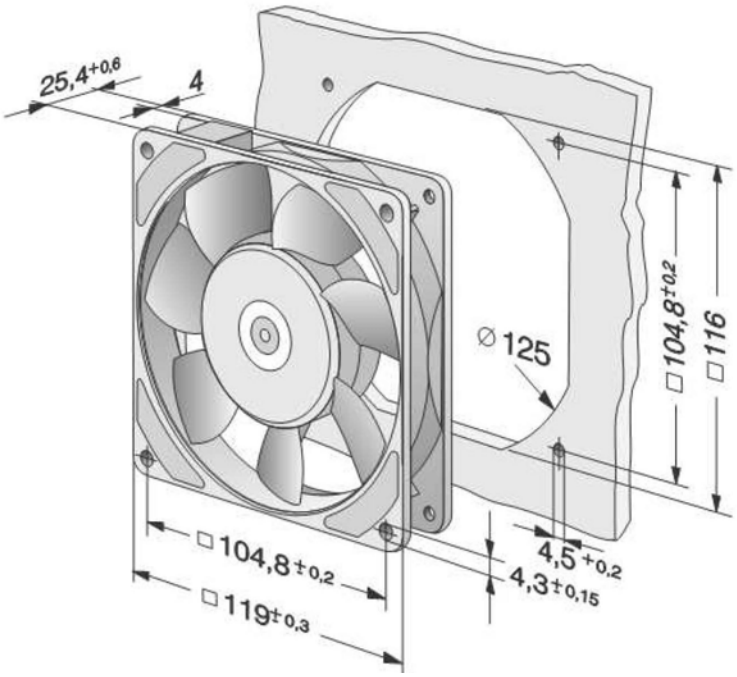
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 4550

119 x 119 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 3,0 x 0,5 mm
Norm	IEC 60038

Please Check our Energy saving alternative on Pag 138

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4550 / 9244014115	230	50/60	145	2550	16,5	sleeve	44	42500	30000	-10..55	0,5

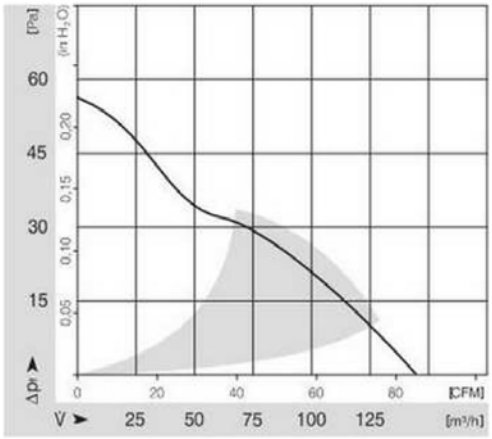
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4550 / 9244014115	33,50	29,15	24,79	LZ30-4 9920030004

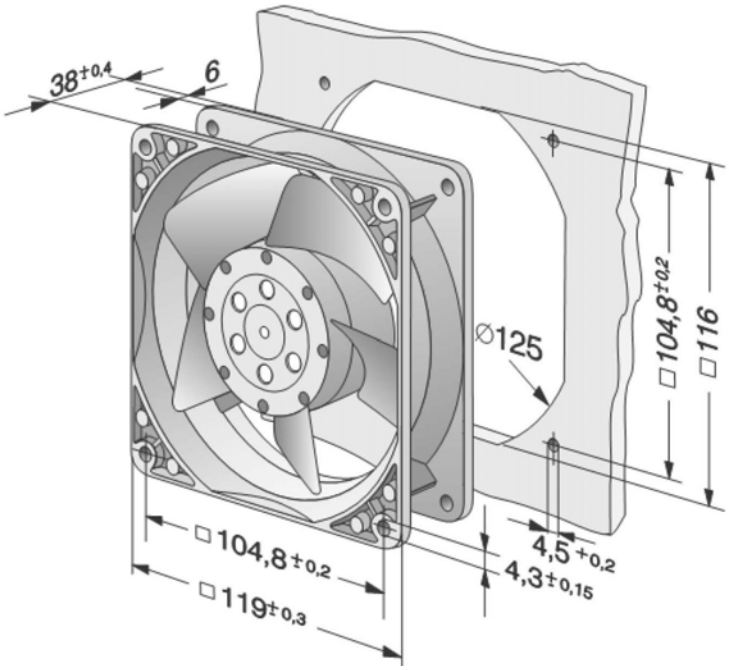
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 4656N

119 x 119 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 3,0 x 0,5 mm
Norm	IEC 60038

Please Check our Energy saving alternative on Pag 138

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4656N / 9274014139	230	50/60	160	2650	19	Ball	47	37500	15000	-40..85	0,5

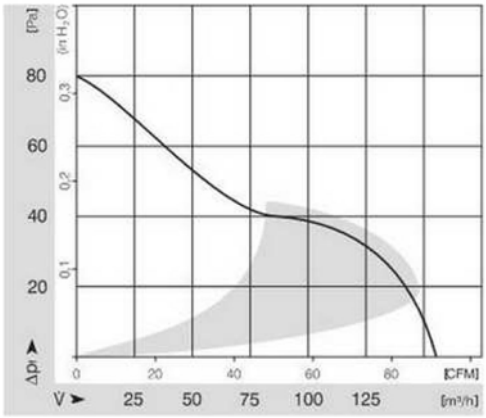
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4656N / 9274014139	29,40	25,60	21,80	LZ30-4 992003004

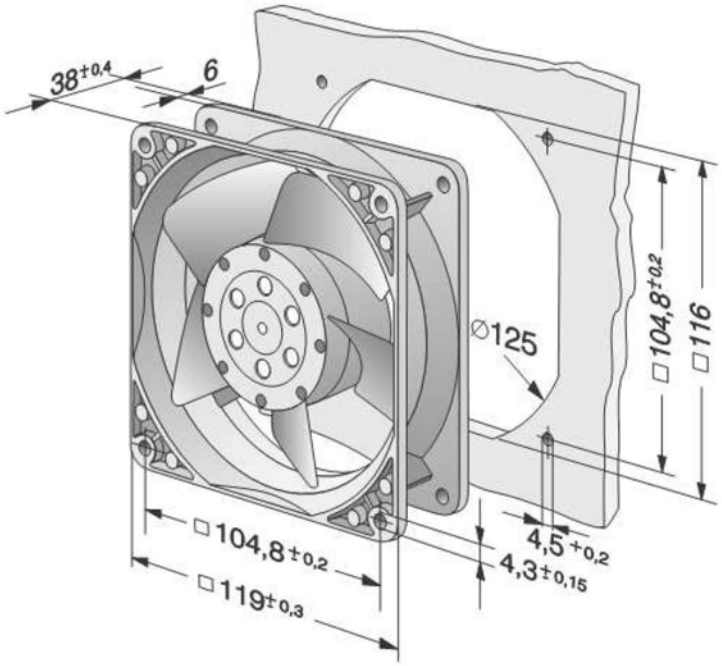
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 4656Z 853

119 x 119 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing
Norm	IEC 60038

Please Check our Energy saving alternative on Pag 138

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4656 Z 853 / 9274014853	230	50/60	160	2700	19	Ball	40	37500	17500	-40..75	0,5

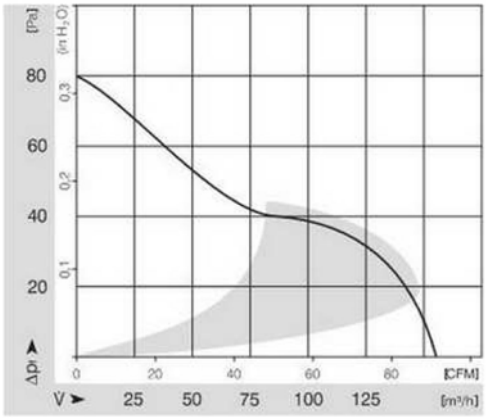
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4656 Z 853 / 9274014853	39,60	34,45	29,30	LZ30-4 9920030004

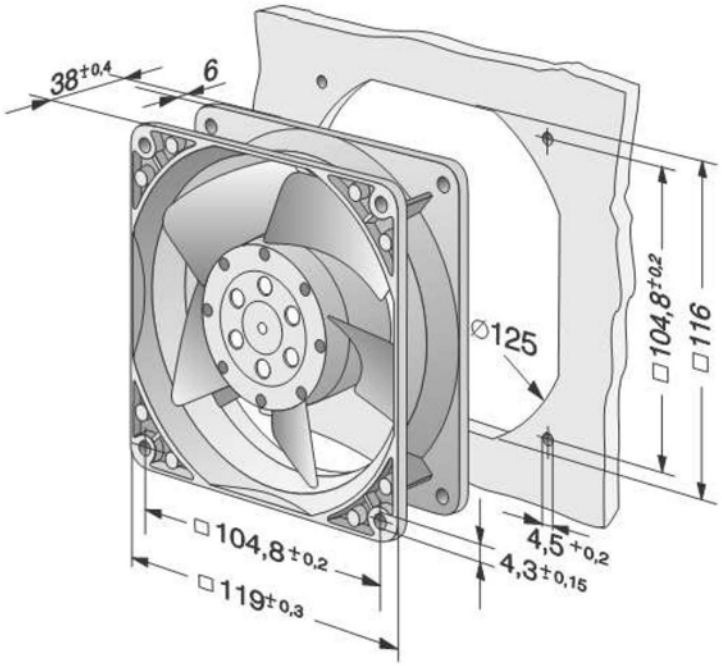
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 4606 N

119 x 119 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 3,0 x 0,5 mm
Norm	IEC 60038

Please Check our Energy saving alternative on Pag 138

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4606 N / 9274014147	115	50/60	180	2700	18	Ball	51	40000	15000	-40..90	0,5

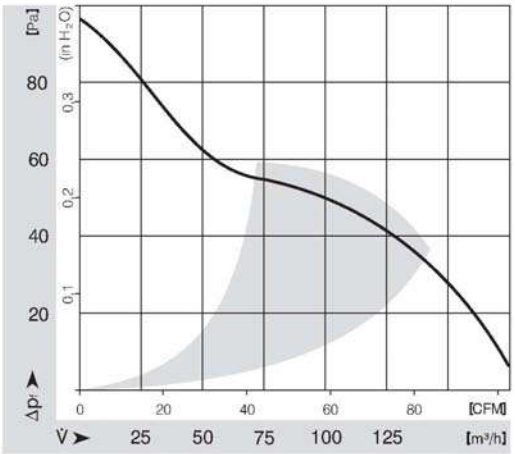
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4606 N / 9274014147	29,40	25,60	21,80	LZ30-4 9920030004

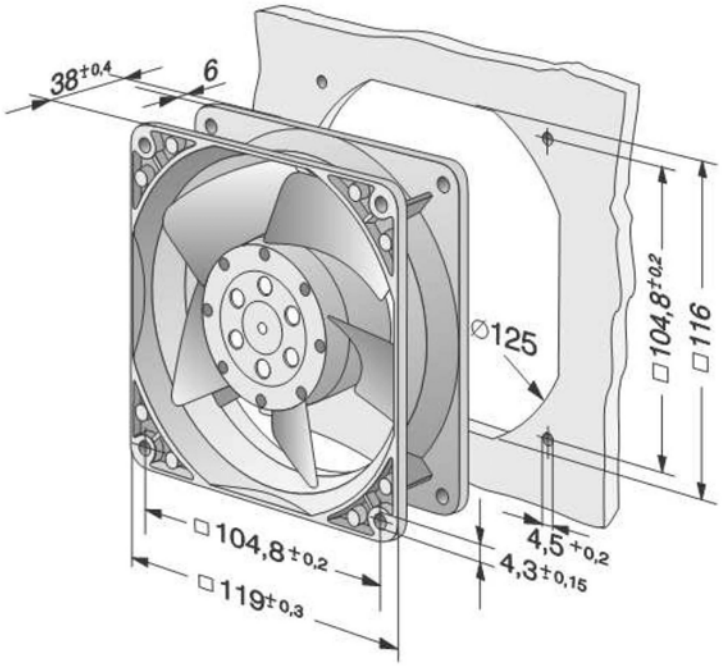
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan ACi4400



Material :	Rotor PA6
	Blades PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Locked rotor
Cable	Terminals 2,8 x 0,5 mm
Norm	IEC 60038

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
ACi4420HH / 9203509001		195-265	50/60	180	3350	4,4	Ball	42	62500	30000	-20..75	0,25

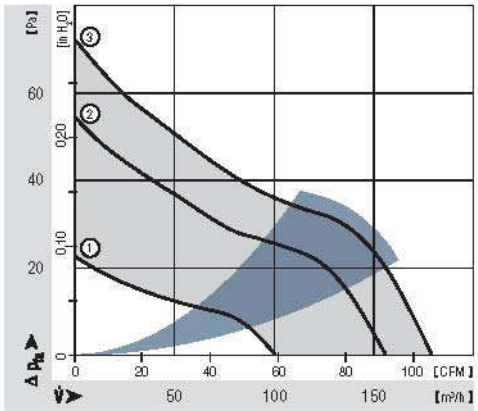
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
ACi4420HH / 9203509001	42,00	36,50	31,10	LZ 30-4 / 992003004

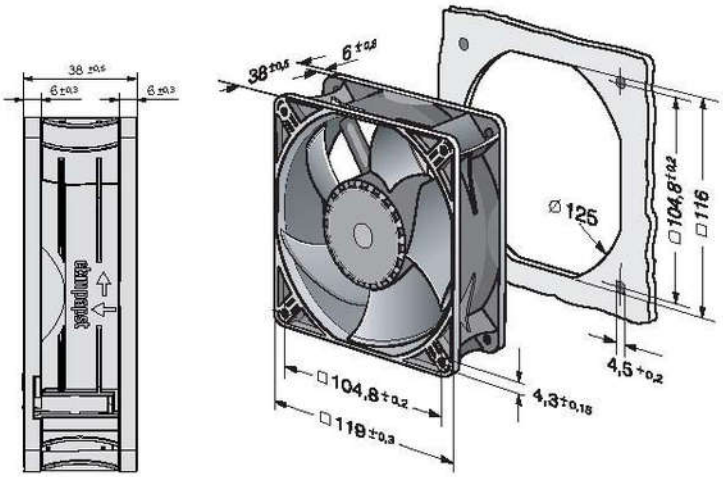
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 5958

127 x 127 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 2,8 x 0,8 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
5958 / 9283118300	230	50/60	180	2700	18	Ball	44	40000	25000	-30..60	0,57

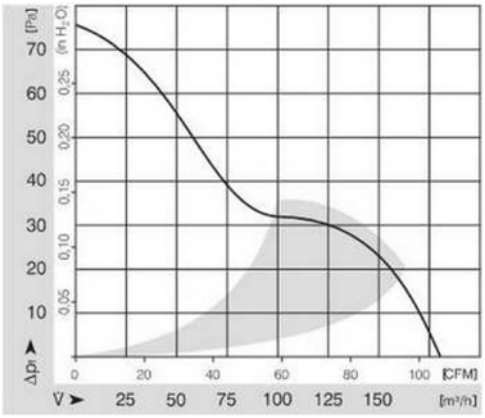
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
5958 / 9283118300	45,40	39,50	33,60	LZ 35 9920035000

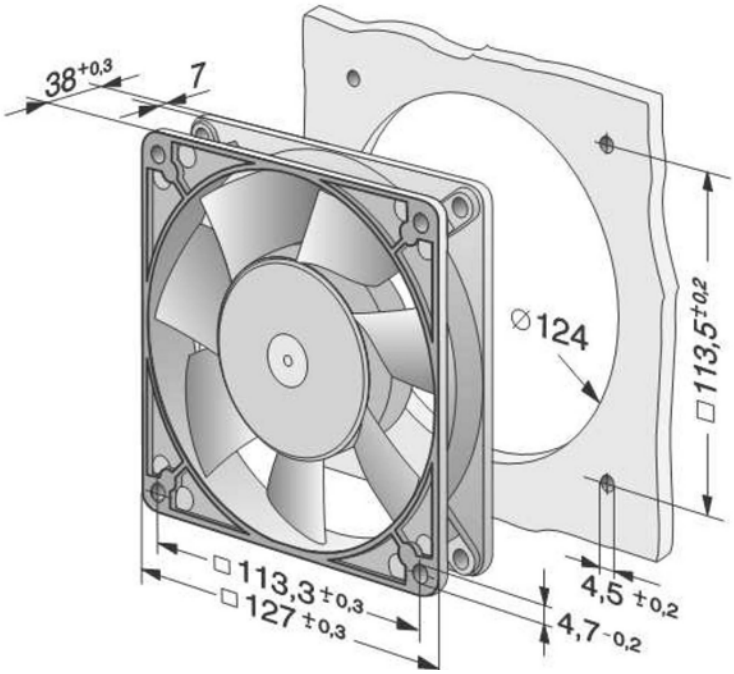
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 5656S

135 x 135 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 2,8 x 0,5 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
5656 S / 9245012001	230	50/60	235	2700	30	Ball	46	45000	20000	-35..70	0,5

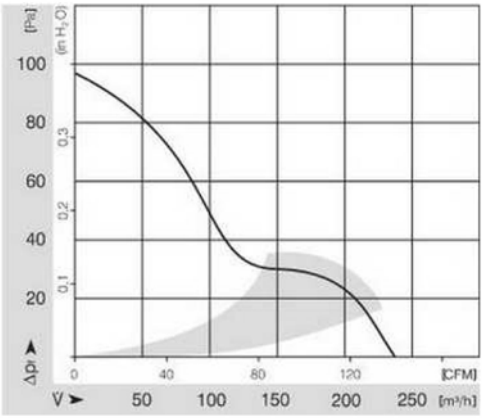
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
5656 S / 9245012001	74,90	65,16	55,43	LZ35 9920035000

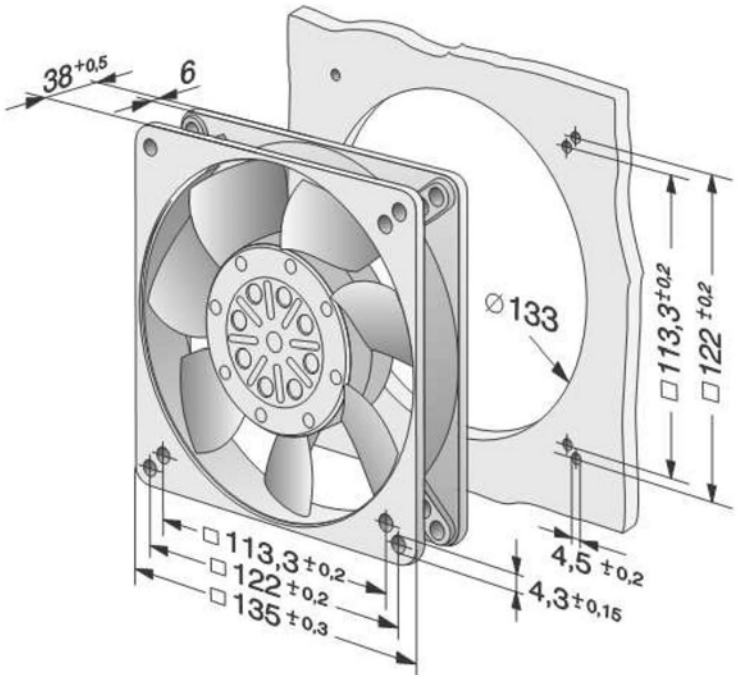
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 7056ES

150 x 172 x 38



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	right CW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	Terminal on housing 2,8 x 0,5 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
7056 ES / W2E142BB0101	230	50/60	320	2800	27	Ball	51	60000	32000	-25..55	0,9

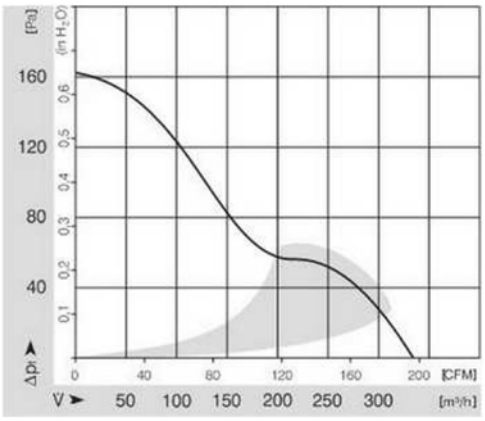
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
7056 ES / W2E142BB0101	84,00	73,10	62,10	LZ 36 9920036000

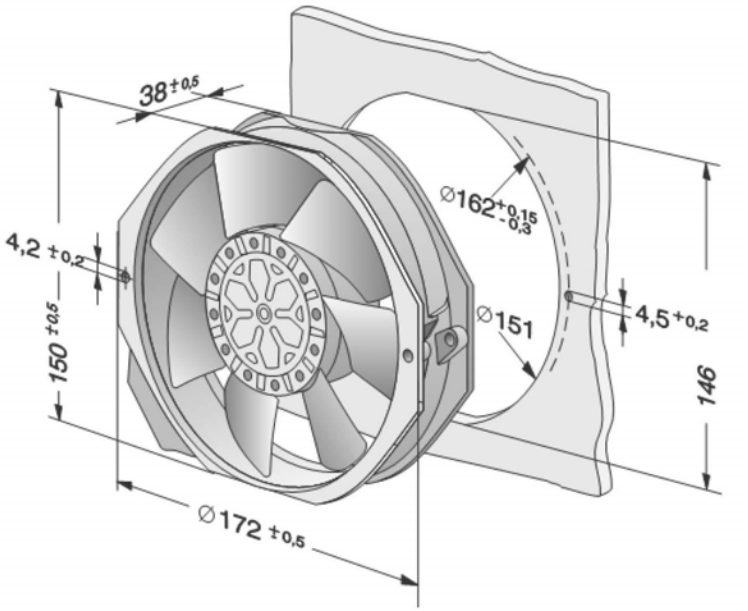
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Pressure over air flow rated Voltage



Specific drawing



AC Compact Fan 7856ES

150 Ø x 55



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	310 mm wire
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
7855 ES / W2S130AA0301	230	50/60	325	2800	45	Ball	49	60000	23000	-25..70	1,1

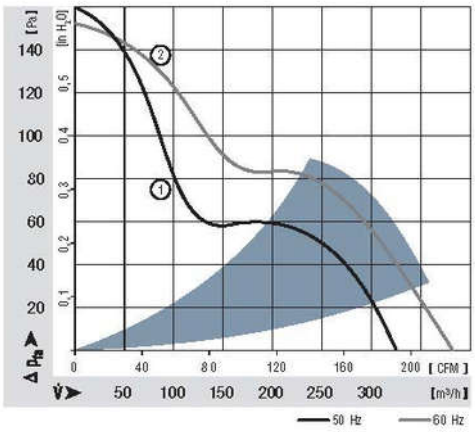
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
7855 ES / W2S130AA0301	74,30	64,70	55,00	LZ36 9920036000

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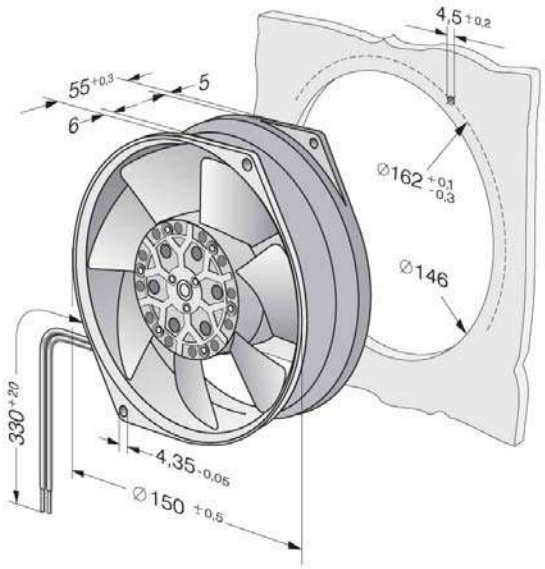
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Pressure over air flow rated Voltage



Use curve 1

Specific drawing



AC Compact Fan 7450ES

150 Ø x 55



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Impedance protected
Cable	330 mm wire
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VAC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
7450 ES / 9275220001	230	50/60	380	2700	47	Ball	60	63000	50000	-25..50	1.1

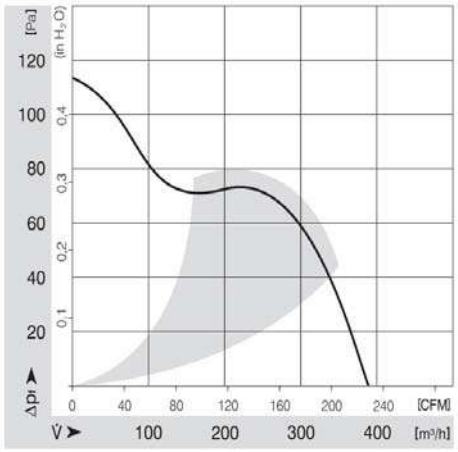
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
7450 ES / 9275220001	84,90	73,86	62,83	LZ36 9920036000

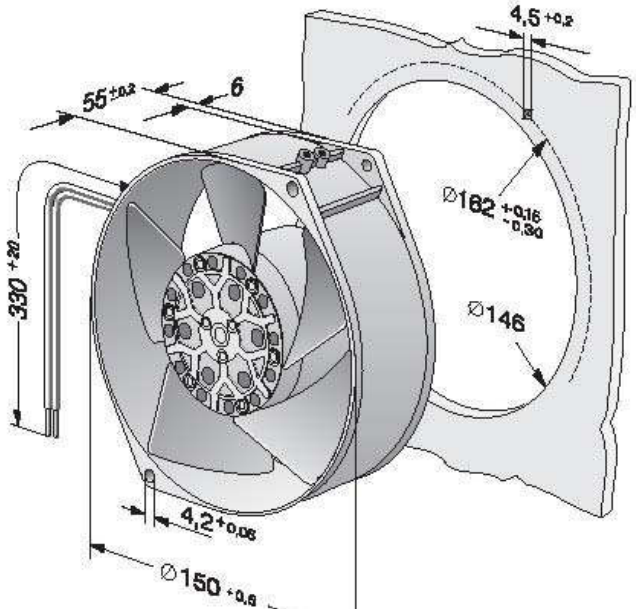
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Pressure over air flow rated Voltage



Specific drawing





Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	7
Protection:	IP44
Isolation:	B
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	No terminal mounting on housing
Norm	EN 60335-1

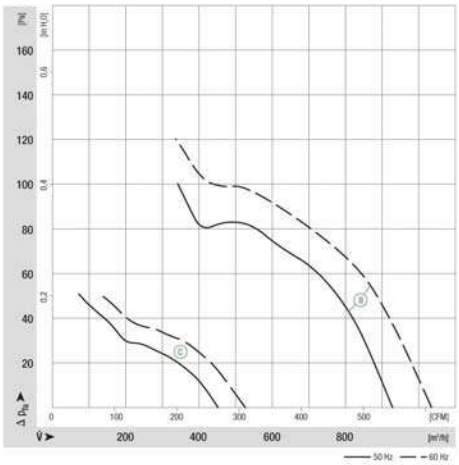
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W2E200-HK38-01	M2E068BF	230	50	880	2500	80	0,29	1,5/450	59	-	-40..80	2,1
Subject to modification												

Pricing	**Quantities**			**Accessories**	**Prices**			
Product Code	**1**	**5-9**	**10>**	**Grill**	**1-4**	**5-9**	**10>**	**Capacitor**
W2E200-HK38-01	121,20	105,40	89,60	78128-2-4039	10,70	9,20	8,30	Integrated

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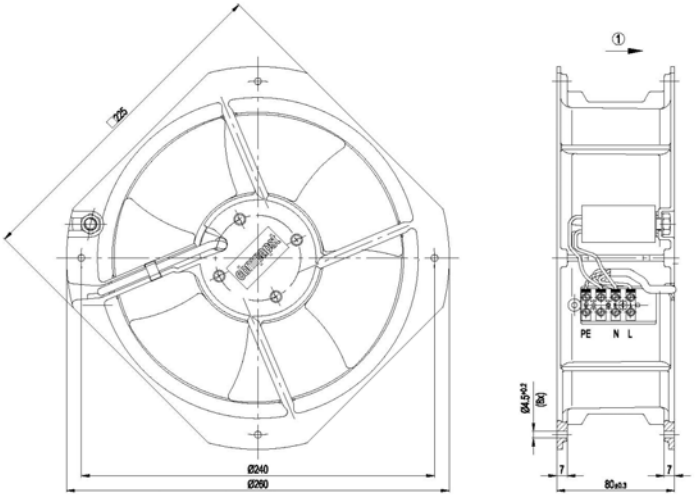
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Pressure over air flow at 50Hz

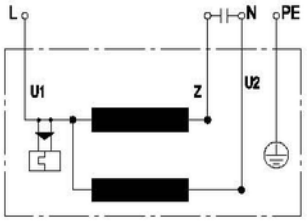


See curve B

Drawing



Connection illustration



U1	blue	Z	brown	U2	black
PE	green/yellow				



Material :	Rotor coated Black Blades coated black steelplate
Direction of rotation	Left CCW seen on rotor
Number of blades:	7
Protection:	IP44
Isolation:	F
Condensate discharges	Rotor side
Mounting position:	Free, Rotor on top on request
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	No terminal mounting on housing
Norm	EN 60335-1

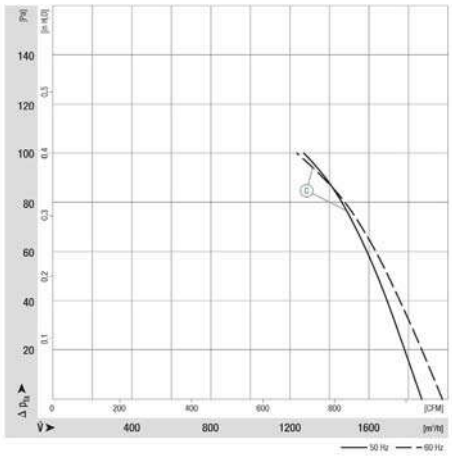
Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Current draw	Capacitor capacity	Sound pressure level	Min. back pressure	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**uF/V**	**dB (A)**	**Pa**	**C**	**kg**
W2E250-HL06-01	M2E068CF	230	50	1865	2550	127	0,56	4/400	69	-	-25..60	2,0
Subject to modification												

Pricing	**Quantities**			**Accessories**	**Prices**			
Product Code	**1**	**5-9**	**10>**	**Grill**	**1-4**	**5-9**	**10>**	**Capacitor**
W2E250-HL06-01	153,70	133,70	113,60	09418-2-4039	16,80	14,60	13,10	Integrated

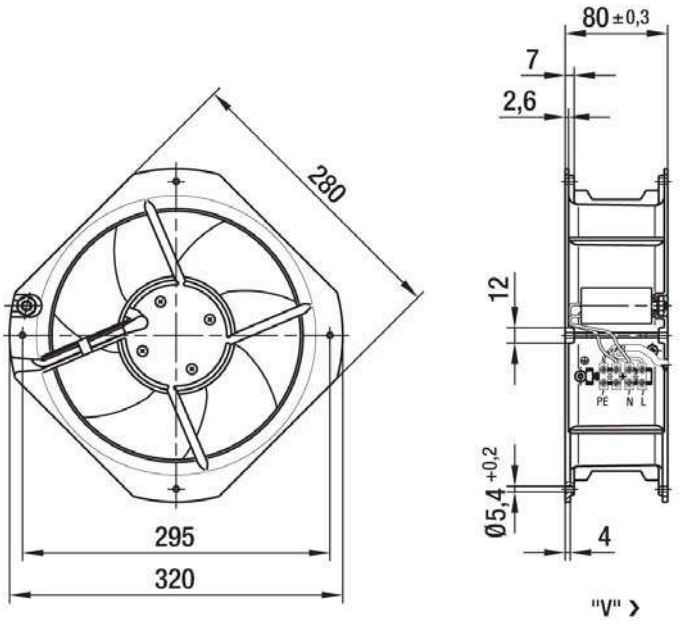
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Download PDF datasheet

Pressure over air flow at 50Hz



Drawing



DC Compact Fan 412

40 x 40 x 20



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
412 / 9291708001	12	-	10	6000	0,9	sleeve	18	50000	20000	-20..70	0,03

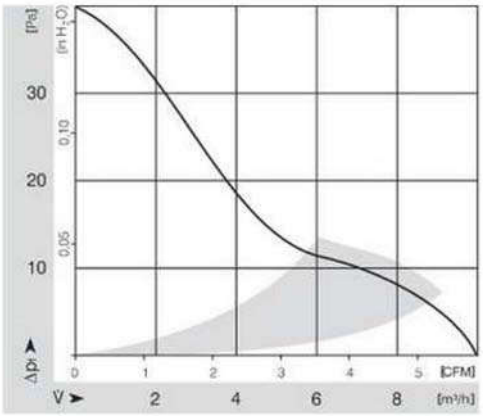
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
412 / 9291708001	20,90	18,18	15,47	LZ29-1 9920029001

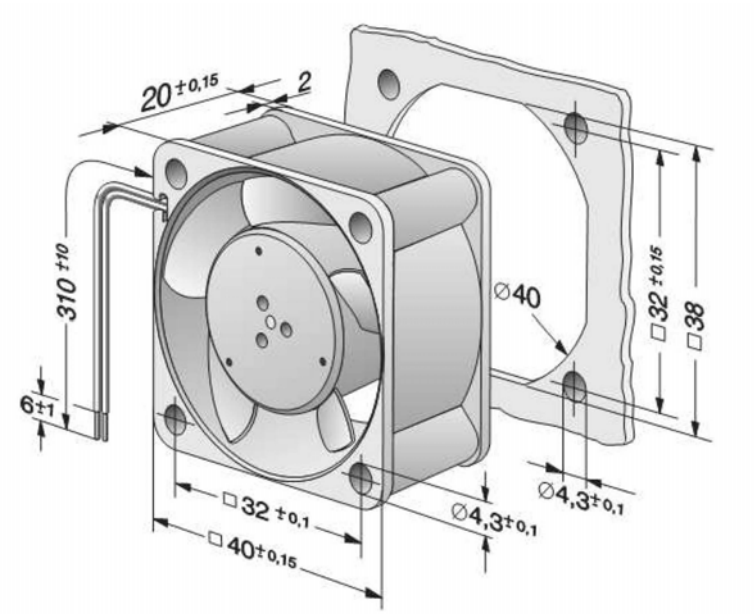
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



DC Compact Fan

414

40 x 40 x 20



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
414 / 9291708002	24	-	10	6000	1,0	sleeve	18	50000	20000	-20..70	0,03

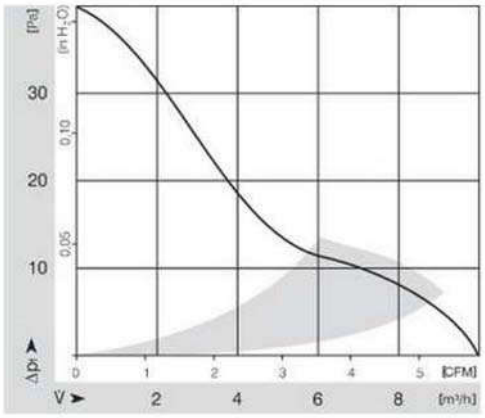
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
414 / 9291708002	20,90	18,18	15,47	LZ31 9920031000

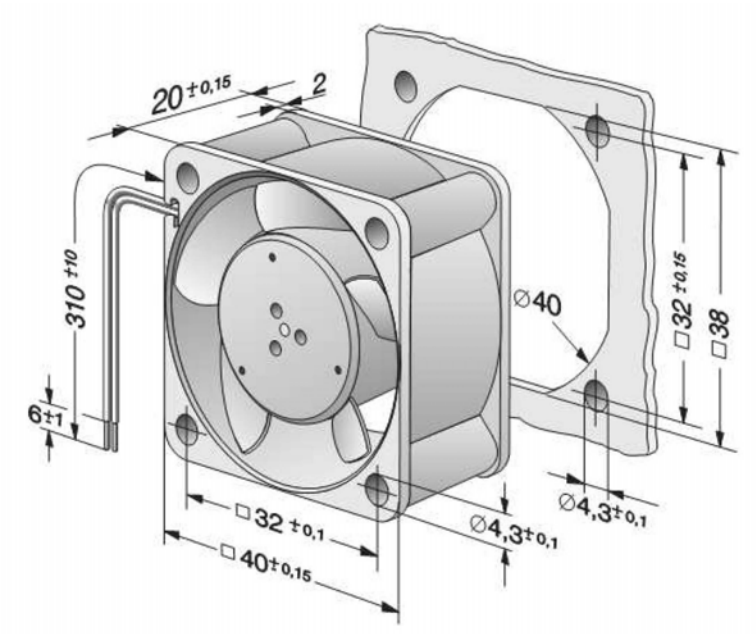
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



DC Compact Fan 422J/2HP

40 x 40 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
422J/2HP / 9291908001	12	-	40	14400	7,9	ball	58	60000	30000	-20..70	0,04

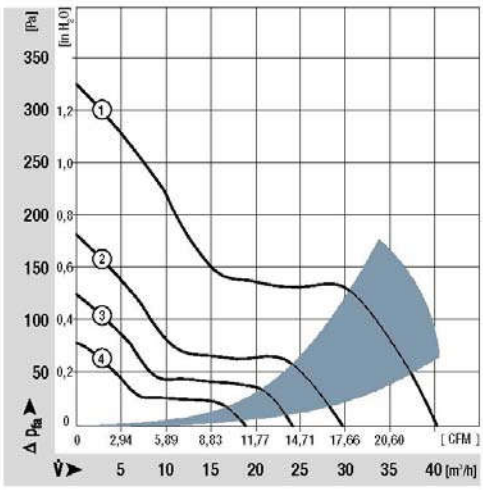
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
422J/2HP / 9291908001	18,40	16,00	13,60	LZ31 9920031000

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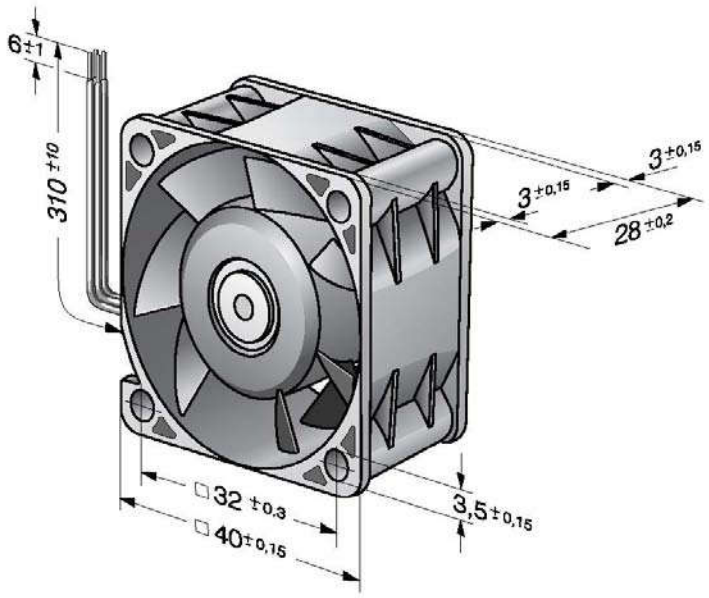
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Pressure over air flow rated Voltage



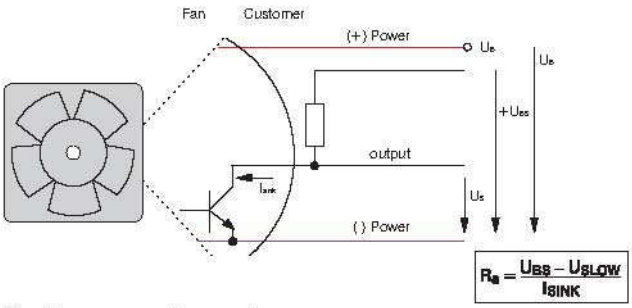
Use curve 1

Specific drawing



Connection illustration

Electrical connection



All voltages measured to ground.
External load resistance Ra / Us / UBS required.

DC Compact Fan 612NGMLE

60 x 60 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
612NGMLE / 9292206172	12	-	25	3000	0,7	sleeve	19	80000	32500	-20..80	0,07

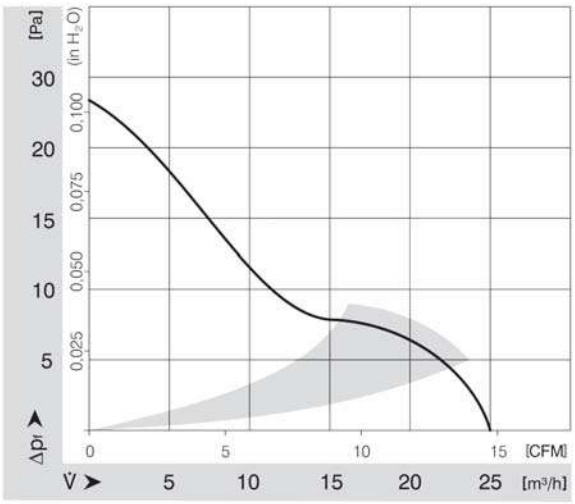
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
612NGMLE / 9292206172	18,10	15,75	13,39	LZ28-1 9920028001

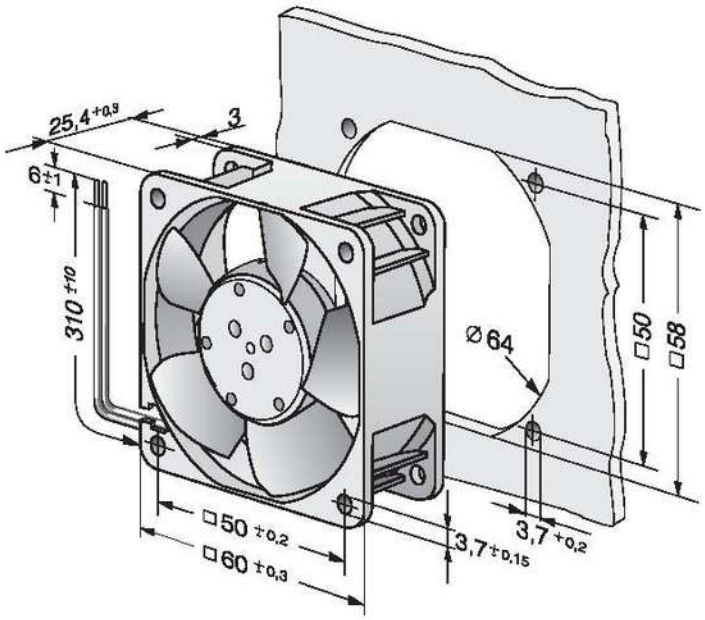
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 622HH

60 x 60 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
622HH / 9292207006	12	-	56	8200	3,5	Ball	43	65000	32500	-20..70	0,09

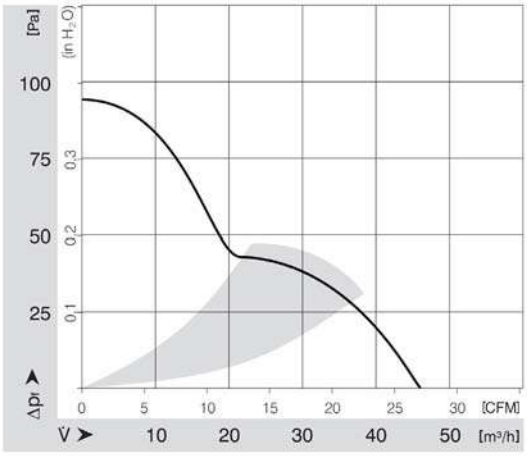
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
622HH / 9292207006	23,50	20,50	17,40	LZ 28-1 9920028001

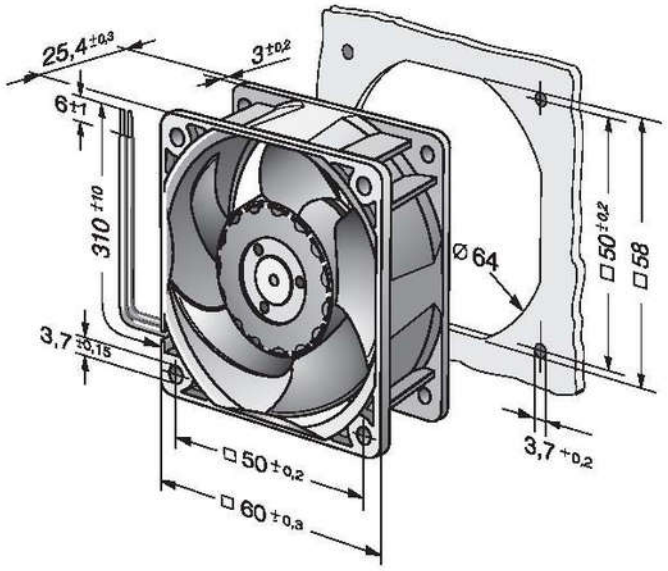
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 614F

60 x 60 x 15



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
614F / 9291708612	24	-	29	3900	1,1	sleeve	27	50000	20000	-20..70	0,03

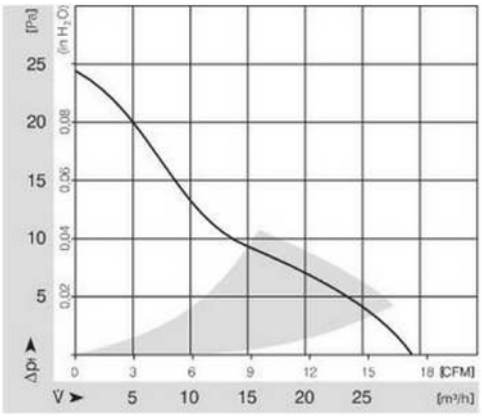
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
614F / 9291708612	22,00	19,14	16,28	LZ28-1 9920028001

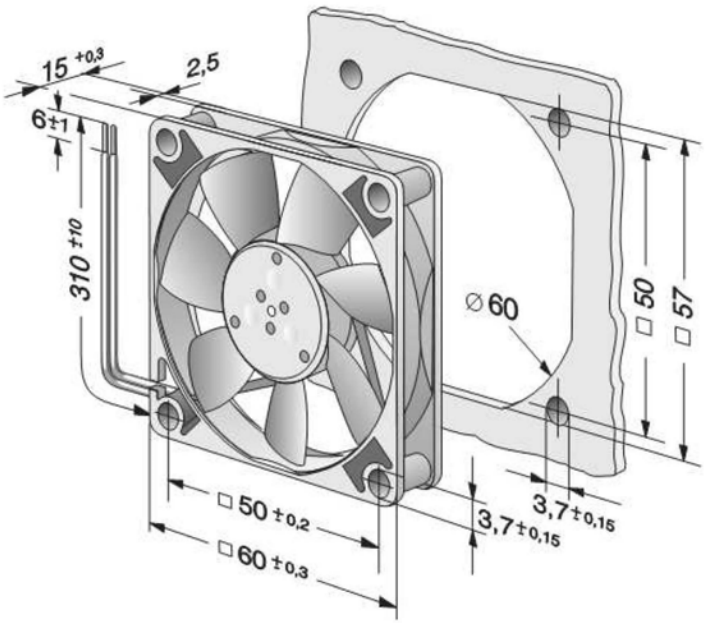
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 624N

60 x 60 x 25



Material :	Housing : Glassfibre reinforced PA6 Blades : Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
624N / 9292207008	24	-	40	6100	2,2	Ball	35	72500	35000	-20..70	0,09

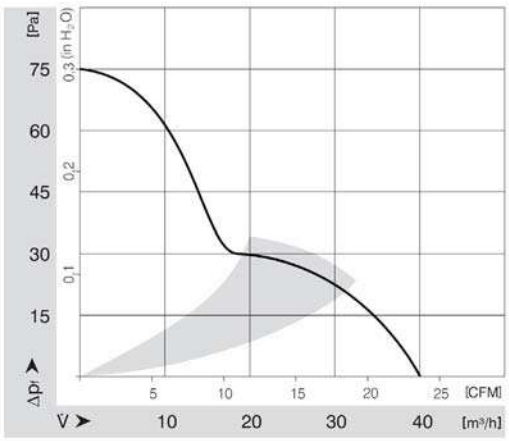
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
624N / 9292207008	27,00	23,49	19,98	LZ28-1 9920028001

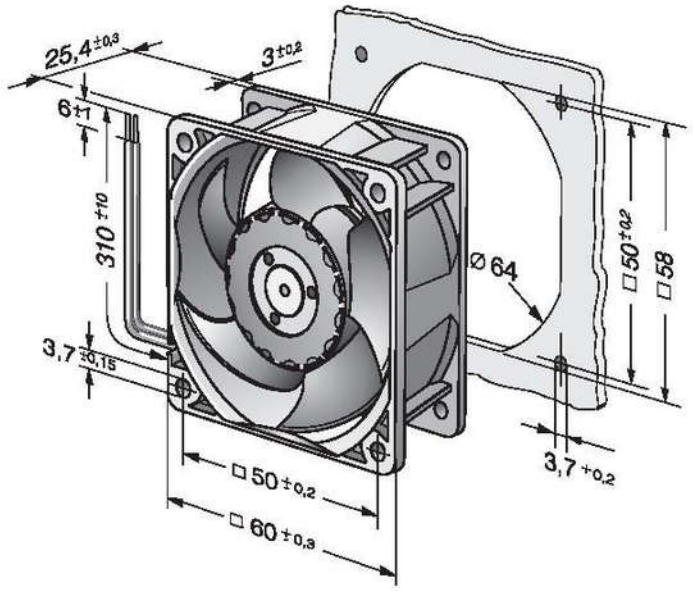
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 614NH

60 x 60 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
614NH / 9272206072	24	-	46	5600	2,1	ball	37	70000	35000	-20..70	0,07

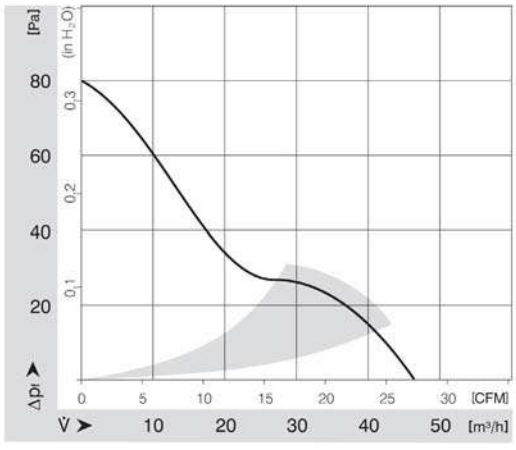
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
614NH / 9272206072	23,90	20,79	17,69	LZ28-1 9920028001

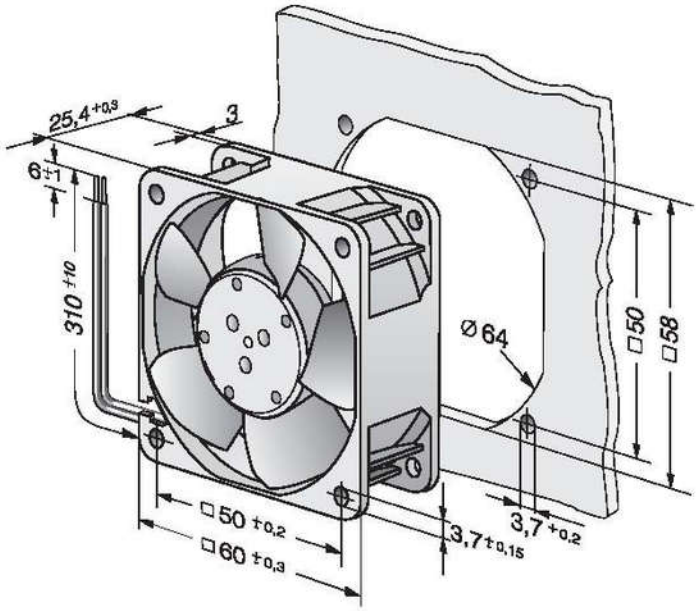
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 8412N

80 x 80 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
8412N / 9292506125	12	-	69	3100	2,0	Ball	32	70000	35000	-20..70	0,1

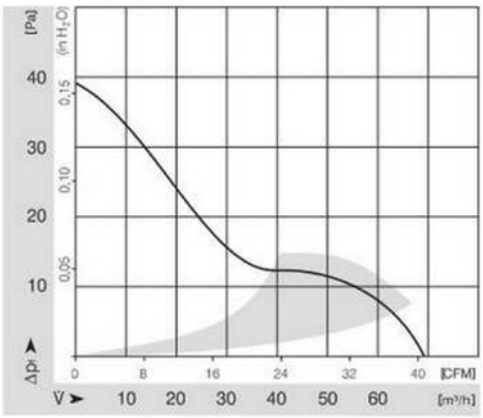
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
8412N / 9292506125	21,10	18,40	15,60	LZ32-4 9920032004

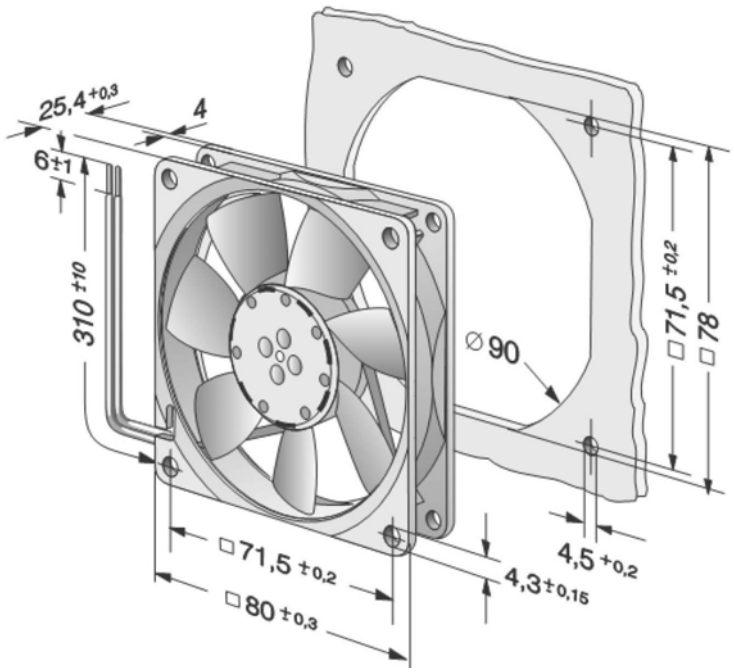
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 8412NH

80 x 80 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
8412NH / 9292506115	12	-	79	3600	2,2	Ball	37	70000	35000	-20..70	0,1

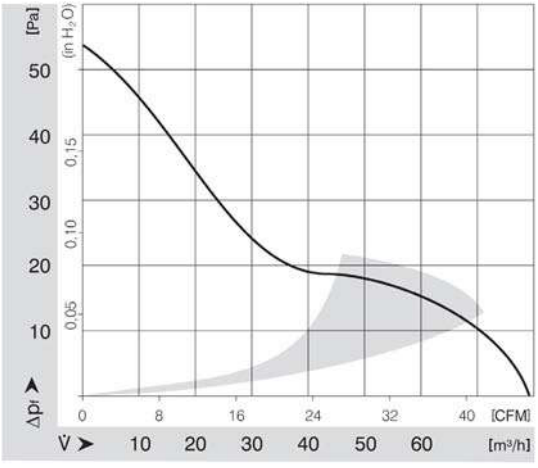
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
8412NH / 9292506115	23,50	20,45	17,39	LZ32-4 9920032004

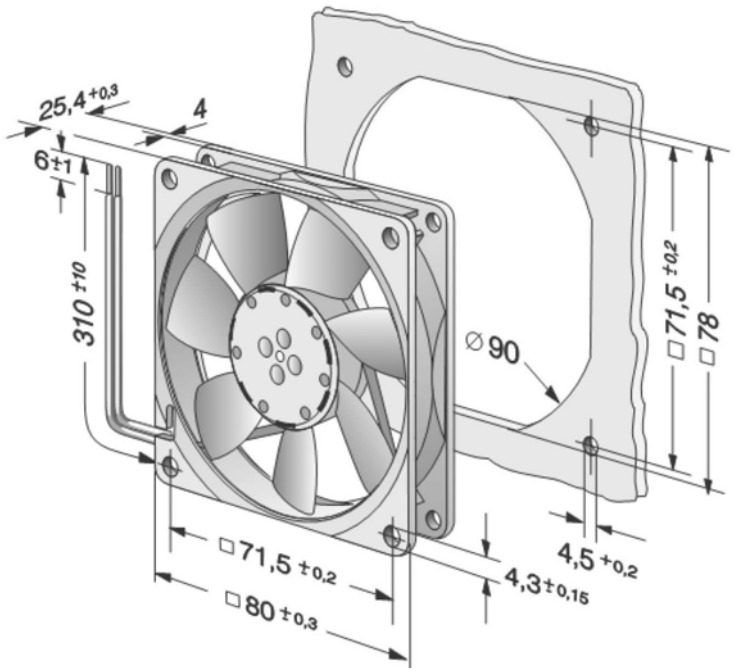
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 8414N

80 x 80 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
8414N / 9292506126	24	-	69	3100	2,0	ball	32	70000	35000	-20..70	0,1

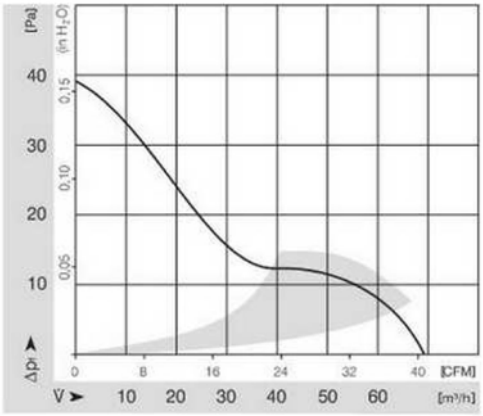
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
8414N / 9292506126	22,40	19,49	16,58	LZ 32-4 9920032004

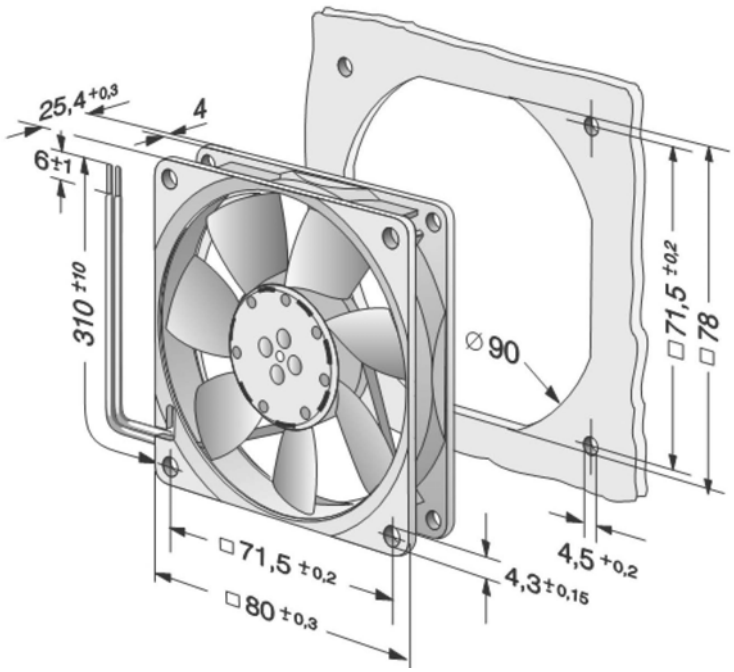
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 3412N

92 x 92 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
3412N / 9292506324	12	-	84	2700	2,2	Ball	32	70000	35000	-20..70	0,1

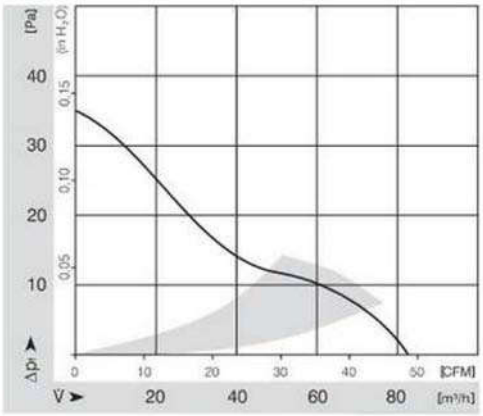
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
3412N / 9292506324	28,50	24,80	21,09	LZ23-1 9920023001

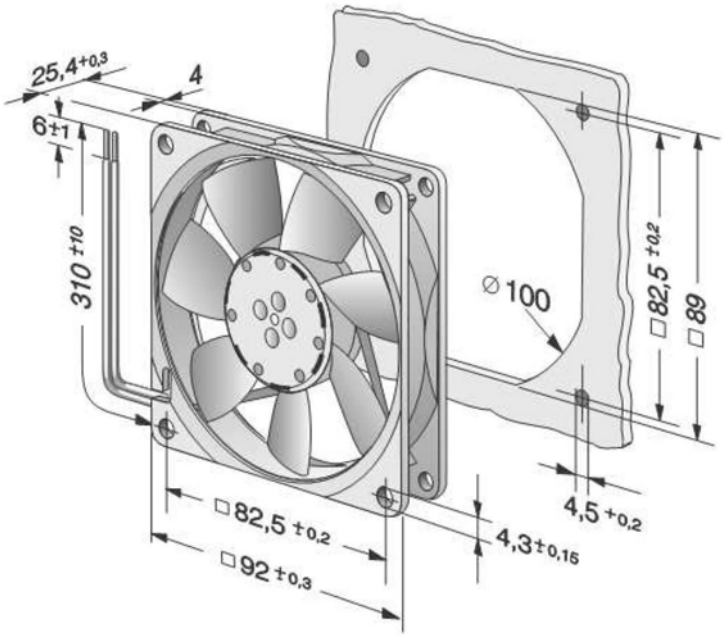
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 3414N

92 x 92 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free,
Mode of operation:	continuous S1
Bearings	Maintance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
3414N / 9252506321	24	-	84	2700	2,3	ball	32	70000	35000	-20..70	0,1

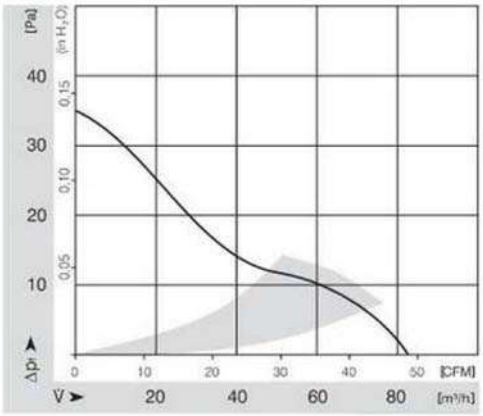
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
3414N / 9252506321	28,30	24,62	20,94	LZ23-1 9920023001

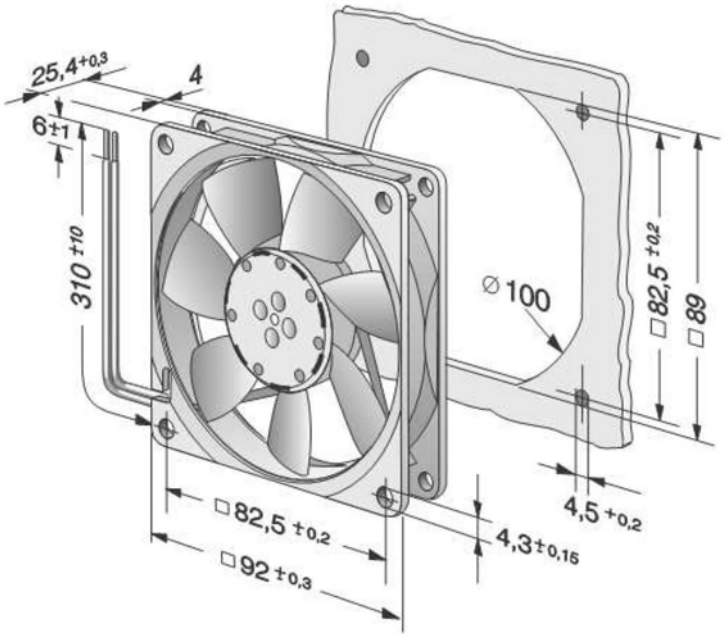
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 3414NHH

92 x 92 x 25



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
3414NHH / 9292506320	24	-	102	3250	2,7	Ball	39	70000	35000	-20..70	0,1

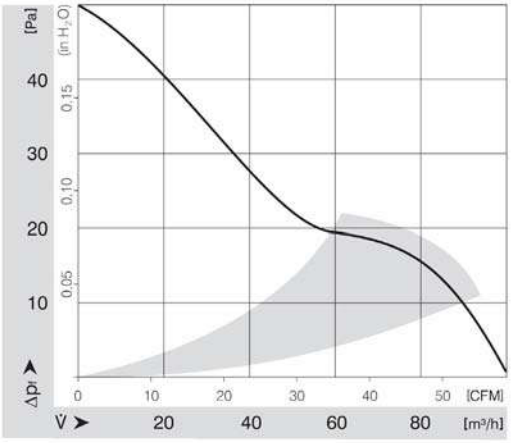
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
3414NHH / 9292506320	28,70	24,97	21,24	LZ23-1 9920023001

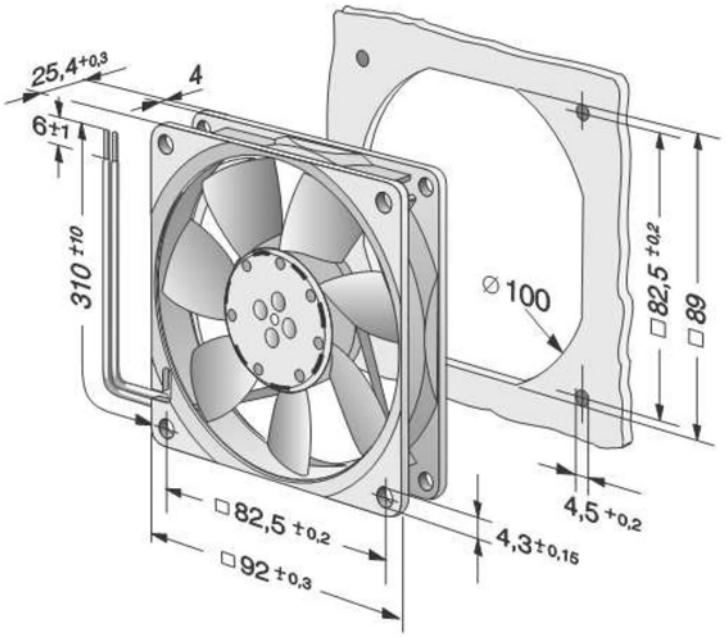
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 4412FGML

119 x 119 x 25



Material :	Housing : Glassfibre reinforced PA6 Blades : Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4412FGML / 9293505434	12	-	114	1950	2,0	sleeve	32	75000	32500	-20..70	0,18

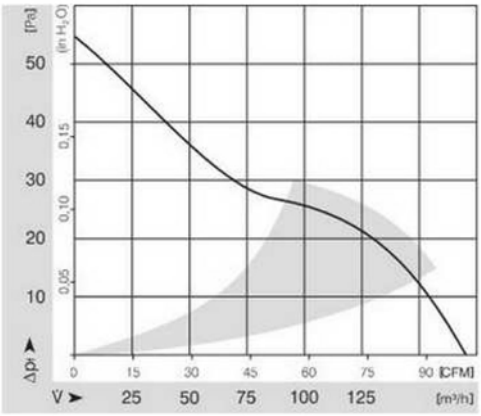
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4412FGML / 9293505434	23,90	20,79	17,69	LZ30-4 9920030004

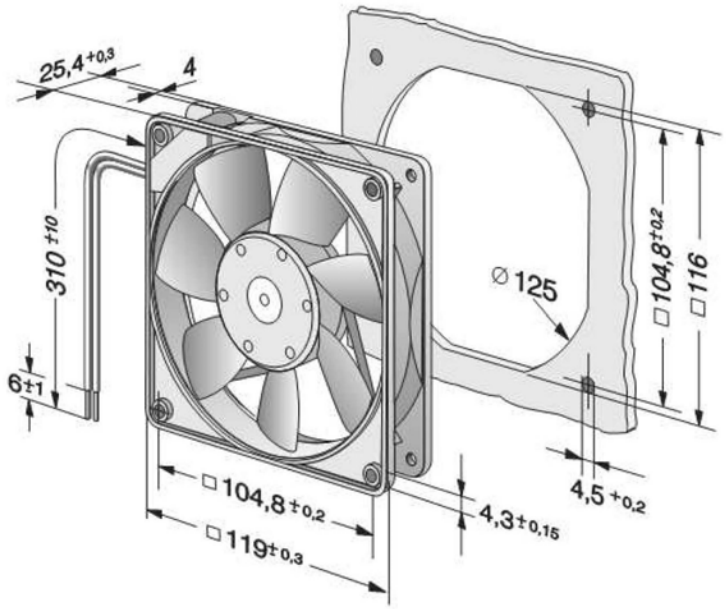
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 4412N

119 x 119 x 38



Material :	Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4412N / 9293510501	12	-	205	3650	5,5	ball	46	62500	30000	-20..70	0,27

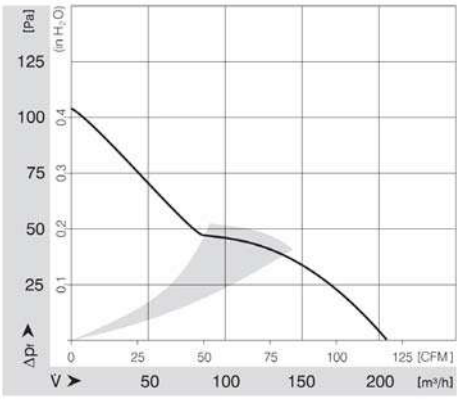
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4412N / 9293510501	28,80	25,06	21,31	LZ 30-4 9920030004

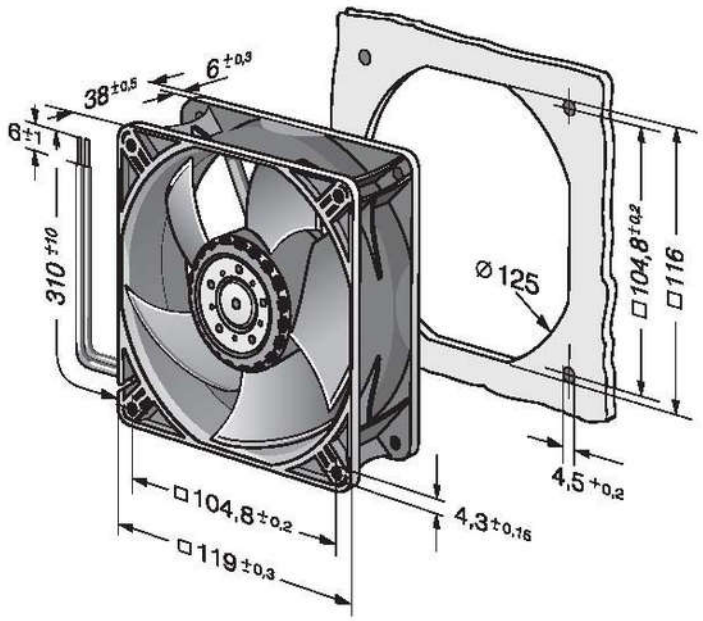
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 4414F

119 x 119 x 25



Material :	Housing : Glassfibre reinforced PA6
	Blades : Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4414F / 9293505405	24	-	170	2900	5	ball	43	60000	37500	-20..60	0,18

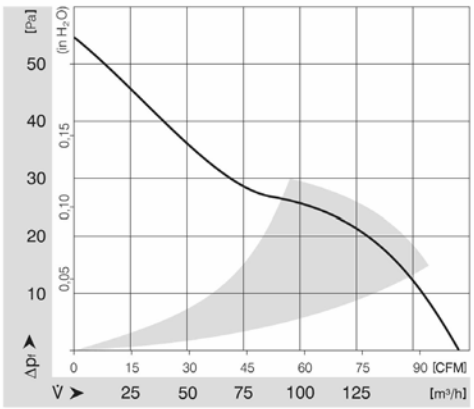
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4414F / 9293505405	34,80	30,28	25,75	LZ 30-4 9920030004

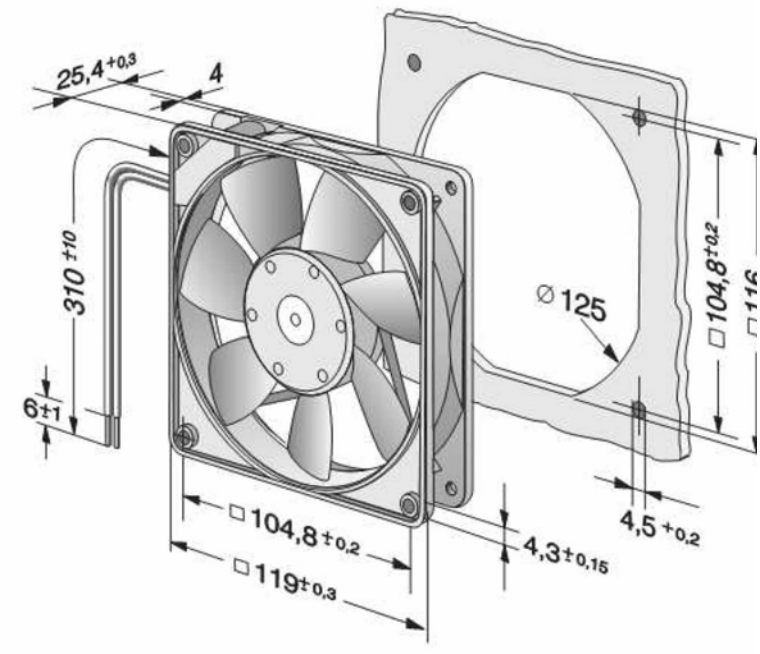
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 4184NX

119 x 119 x 38



Material :	Housing : aluminium Blades : Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	None terminal on housing 2,8 x 0,5 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4184NX / 9274310103	24	-	180	3200	4,5	Ball	49	85000	37500	-30..75	0,39

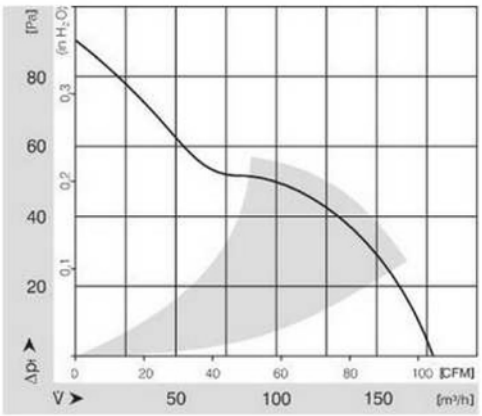
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
4184NX / 9274310103	53,10	46,20	39,30	LZ 30-4 9920030004

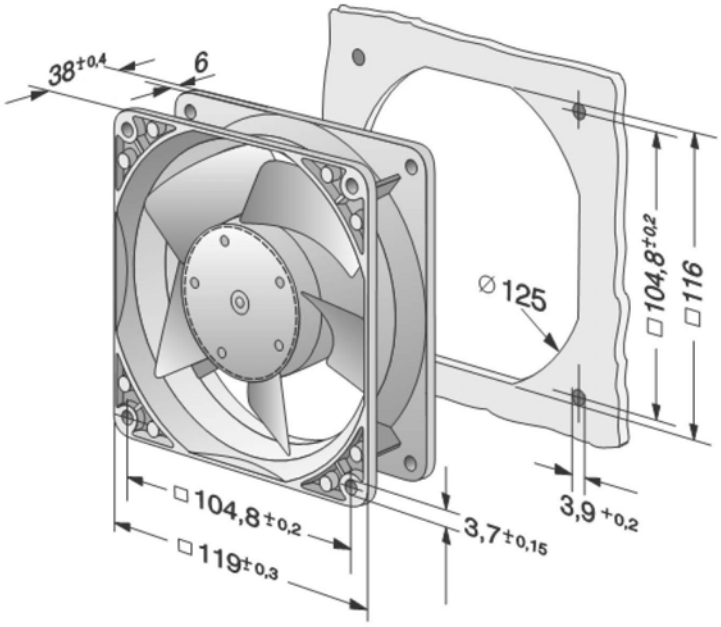
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan

4414HH

119 x 119 x 38



Material :	Housing : Glassfibre reinforced PA6
	Blades : Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4414HH / 9293510524	24	-	285	5000	14	Ball	55	50000	25000	-20..70	0,27

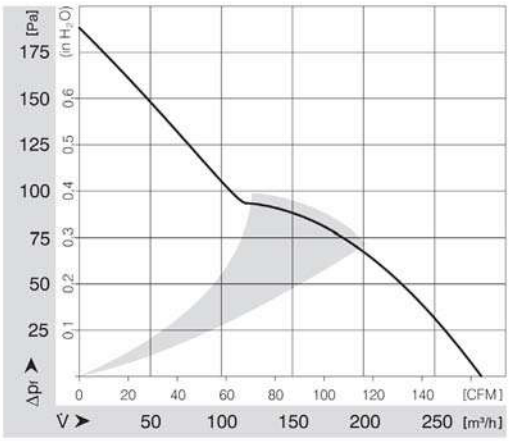
Note : fans used at 60Hz have slightly more air performance

Pricing				**Accessories**
	Quantities			
Product Code	**1**	**5-9**	**10>**	**Grill**
4414HH / 9293510524	38,30	33,32	28,34	LZ30-4 9920030004

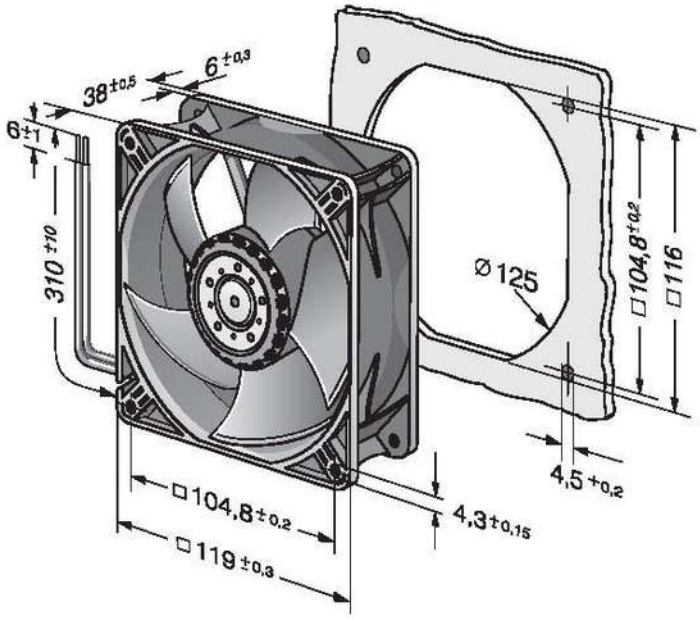
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 4114NH4

119 x 119 x 38



Material :	Housing : aluminium Blades : Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 310 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
4114NH4 / 9694300257	24	-	355	6800	30	ball	67	62500	35000	-20..65	0,39

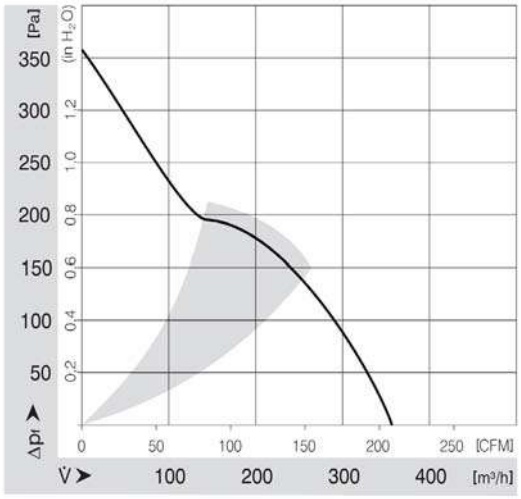
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**	
Product Code	**1**	**5-9**	**10>**	**Grill**	
4114NH4 / 9694300257	57,00	49,60	42,20	LZ30-4	9920030004

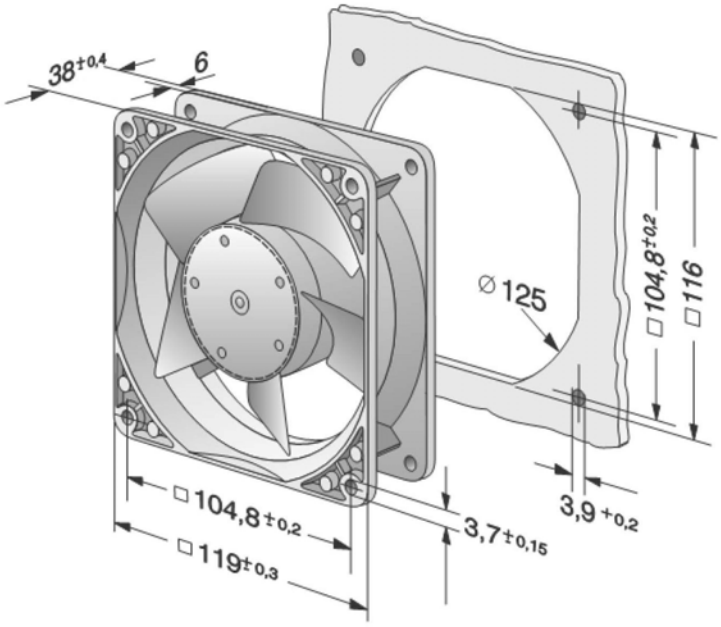
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 7114N

150 x 38



Material :	Housing : aluminium Blades : aluminium
Direction of rotation	Right CCW seen on rotor
Number of blades:	7
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 365 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
7114N / 9295410121	24	-	360	2850	12	ball	55	80000	37500	-25..72	0,62

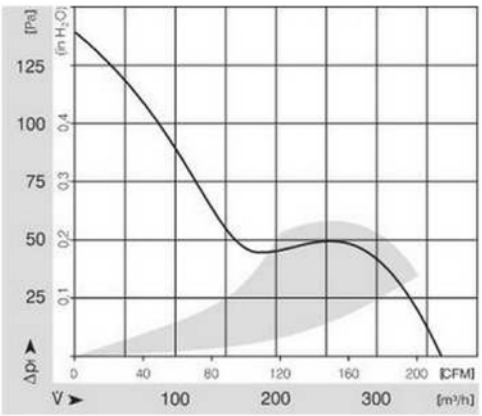
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
7114N / 9295410121	114,40	99,53	84,66	LZ36 9920036000

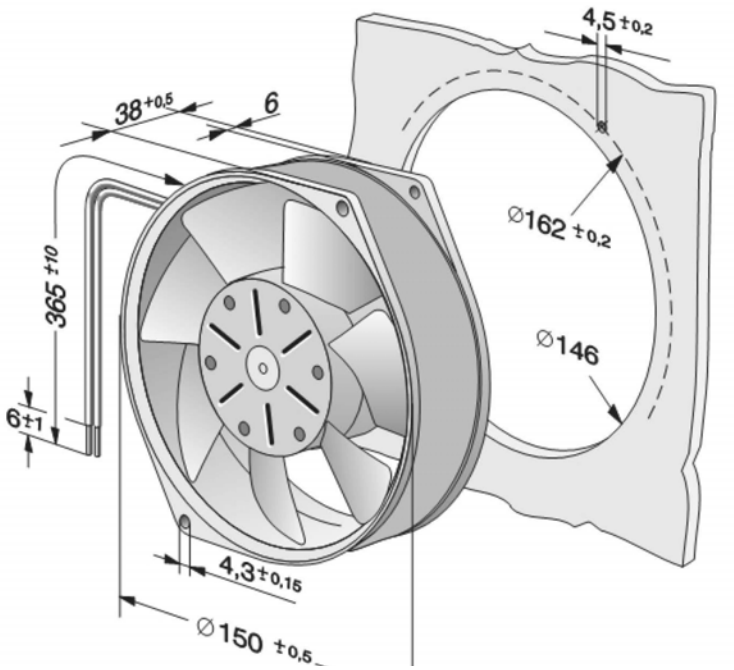
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Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan 6314/2TDHP

172 x 51



Material :	Housing : aluminium Blades : Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 365 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
6314/2TDHP / 9295420004	24	-	600	5500	40	ball	60	75000	37500	-20..70	0,91

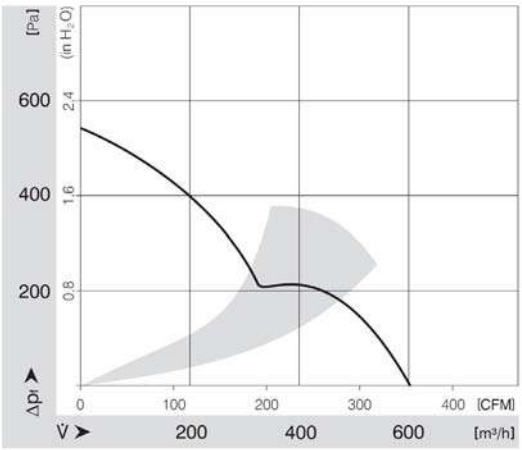
Note : fans used at 60Hz have slightly more air performance

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
6314/2TDHP / 9295420004	116,20	101,09	85,99	LZ36 9920036000

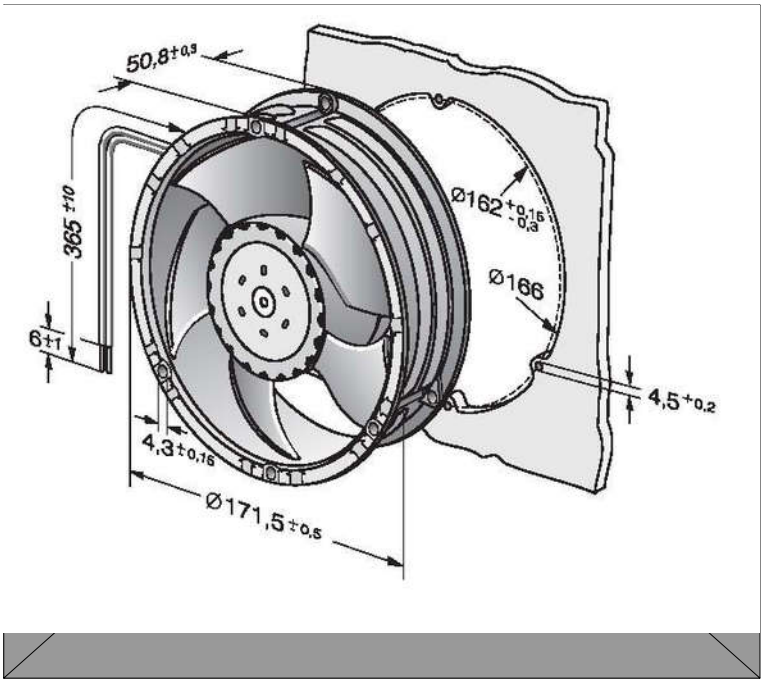
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Pressure over air flow rated Voltage

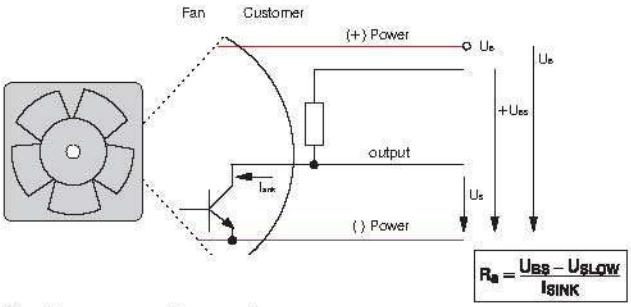


Specific drawing



Connection illustration

Electrical connection



All voltages measured to ground.
External load resistance RB / Us / Uss required.

DC Compact Fan DV6224

172 x 51



Material :	Housing : aluminium Blades : Glassfibre reinforced PA6
Direction of rotation	Right CW seen on rotor
Number of blades:	5
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 365 mm
Norm	IEC 60038

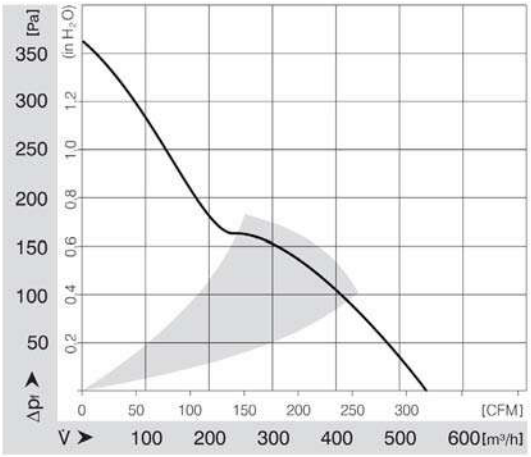
Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
DV6224 / 9295414502	24	-	540	4300	40	ball	63	90000	40000	-20..75	0,82
Note : fans used at 60Hz have slightly more air performance											

Pricing	**Quantities**			**Accessories**
Product Code	**1**	**5-9**	**10>**	**Grill**
DV6224 / 9295414502	142,10	123,63	105,15	LZ36 9920036000

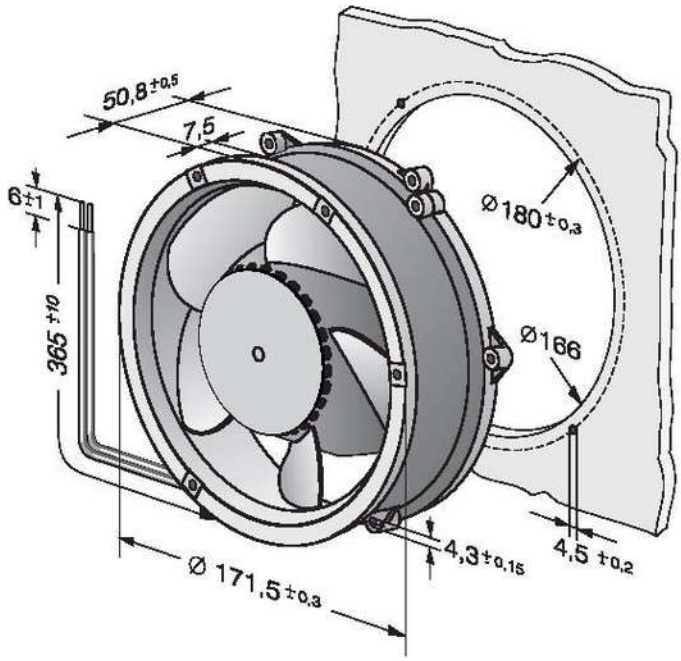
All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



Connection illustration

DC Compact Fan

RG160-28/14N

220 x 220 x 56



Material :	Housing : glassfibre reinforced PA6 Blades : Glassfibre reinforced PA6
Direction of rotation	Right CCW seen on rotor
Protection:	IP20
Isolation:	B
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free bearings
Motorprotection	Electronic protected
Cable	Cable 325 mm
Norm	IEC 60038

Nominal data	Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Service life 40 C	Service life at T max	Perm. amb. temp.	Weight
Type	**VDC**	**Hz**	**m3/h**	**rpm**	**W**		**dB (A)**	**Hrs**	**Hrs**	**C**	**kg**
RG160-28/14N / 9595414100	24	-	209	2850	20	ball		70000	35000	-20..70	1,4

Note : fans used at 60Hz have slightly more air performance

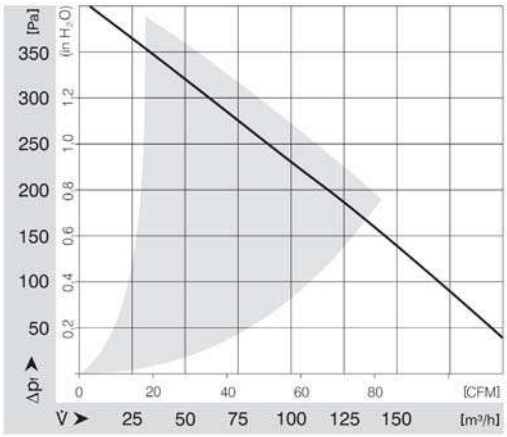
Pricing

	Quantities		
Product Code	**1**	**5-9**	**10>**
RG160-28/14N / 9595414100	149,00	129,63	110,26

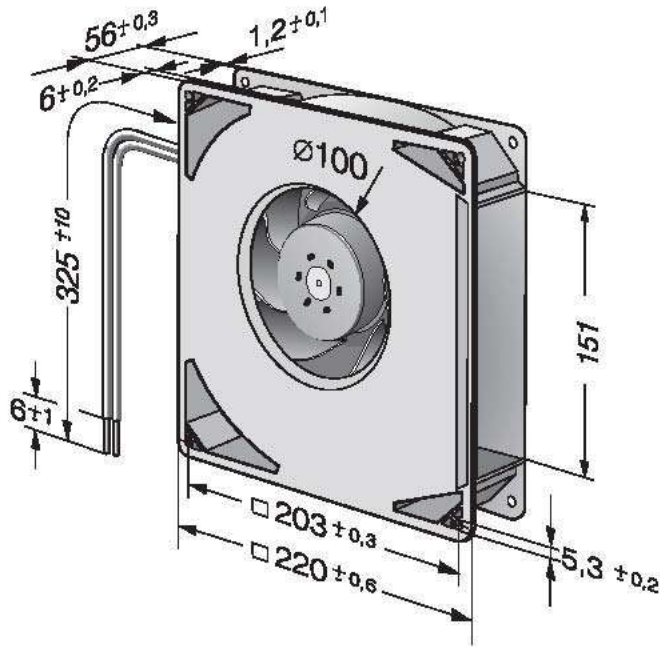
All prices are in euro, exclududing VAT (BTW) Orders are shipped according to incoterms : DAP
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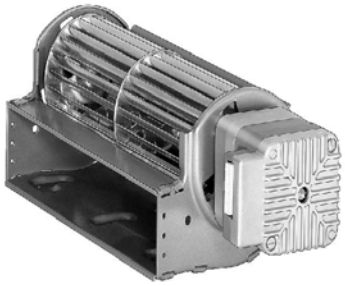
Pressure over air flow rated Voltage



Specific drawing



Connection illustration



Material :	Blades coated black steelplate
Isolation:	B
Mounting position:	Horizontal or vertical with motor at bottom
Bearings:	Maintenance free bearings
Motorprotection:	Impedance protected
Connection line:	Flat plug 6.3 x 0.8 mm.
Cable	Cable 310 mm

Nominal data		Voltage	Frequency	Air flow	Speed	Power consumption	Bearing	Sound pressure level	Pressure increase	Perm. amb. temp.	Weight
Type	**Motor**	**VAC**	**Hz**	**m3/h**	**rpm**	**W**	**A**	**dB (A)**	**Pa**	**C**	**kg**
QLZ06/1800-2518 / 55410.81610		230	50/60	130	1350	30	0.22	-	58	0...60	0.90

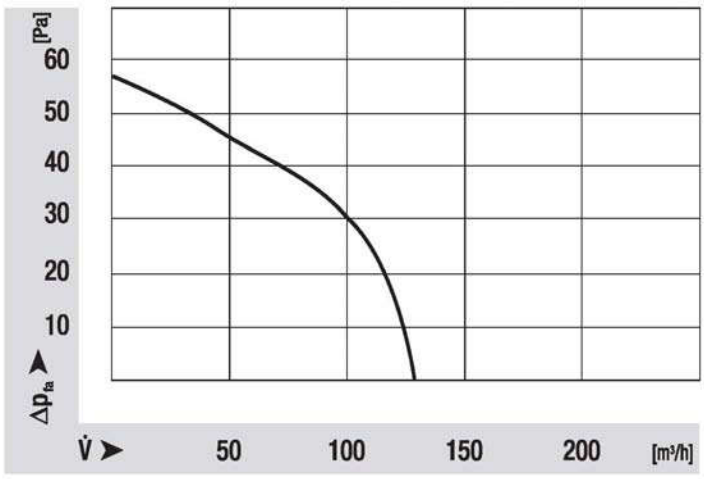
Pricing

	Quantities			
Product Code	**1**	**2-4**	**5-9**	**10-15**
QLZ06/1800-2518	76,40	69,29	62,46	55,58

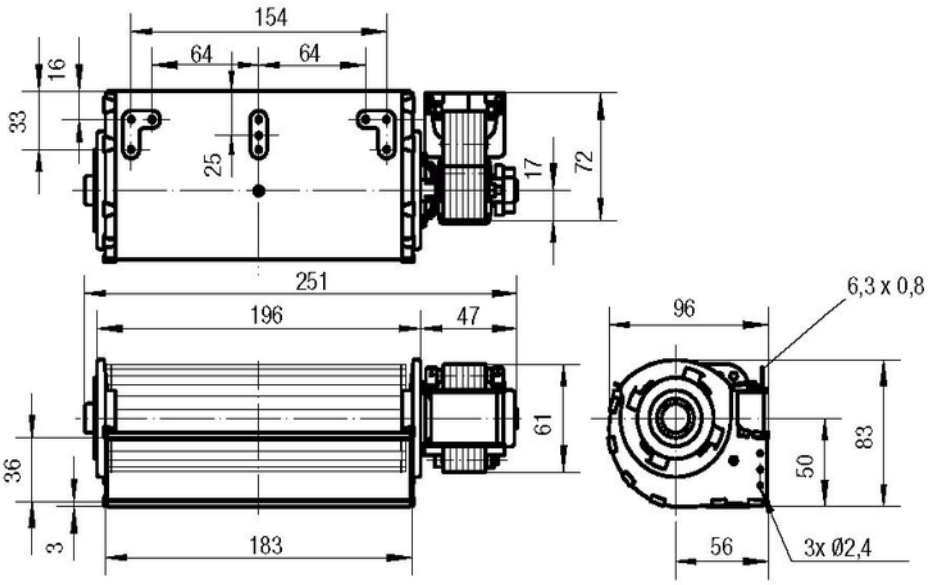
All prices are in euro, excluding VAT (BTW) Orders are shipped according to incoterms : DAP
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Download PDF datasheet

Pressure over air flow rated Voltage



Specific drawing



Connection illustration

Q and IQ motors



Direction of rotation	Right CW seen on rotor
Protection:	IP42
Isolation:	B
Condensate discharges	None
Mounting position:	Free,
Mode of operation:	Continuous S1
Bearings	Maintance free bearings
Motorprotection	Types 1-3 impedance protected
Motorprotection	Types 4-8 and IQ Integrated temperature switches
Mounting	See drawing for possibilities
Cable	1500 mm
Norm	CE and VDE

Nominal data	Voltage	Frequency	Speed	Power output	Power consumption	Current	perm. amb. temo	Wweight		Price	Price	Price
Type	**VAC**	**Hz**	**rpm**	**W**	**W**	**A**	**C**	**kg**		**1-4**	**5-9**	**10-14**
M4Q045-BD01-75 (1)	230	50	1300	5	29	0,19	-30..40	0,9		20,40	17,70	15,90
M4Q045-CA01-75 (2)	230	50	1300	7	31	0,20	-30..40	1,1		24,20	21,00	18,90
M4Q045-CA03-75 (3)	230	50	1300	10	36	0,25	-30..40	1,2		25,10	21,70	19,60
M4Q045-CF01-75 (4)	230	50	1300	16	60	0,42	-30..40	1,3		27,00	23,50	21,10
M4Q045-DA01-75 (5)	230	50	1300	18	70	0,48	-30..40	1,6		30,10	26,20	23,60
M4Q045-DA05-75 (6)	230	50	1300	23	86	0,62	-30..40	1,6		31,10	27,00	24,30
M4Q045-EA01-75 (7)	230	50	1300	25	90	0,62	-30..40	2,0		37,90	33,00	29,70
M4Q045-EF01-75 (8)	230	50	1300	34	110	0,75	-30..40	2,2		42,00	36,50	32,80
IQ motors are energy saving alternatives with fully : fit form and function												
IQ3612 altn voor (1)*	230	50	1300		9,2		-40..50	0,5		66,24	60,03	58,37
IQ3612 altn voor (2)*	230	50	1300		12,1		-40..50	0,6		66,24	60,03	58,37
IQ3612 altn voor (3)*	230	50	1300		21,2		-40..50	0,6		66,24	60,03	58,37
IQ3612 altn voor (4)*	230	50	1300		23,4		-40..50	0,6		66,24	60,03	58,37
IQ3620 altn voor (5)**	230	50	1300		25,7		-40..50	0,8		70,38	64,17	62,51

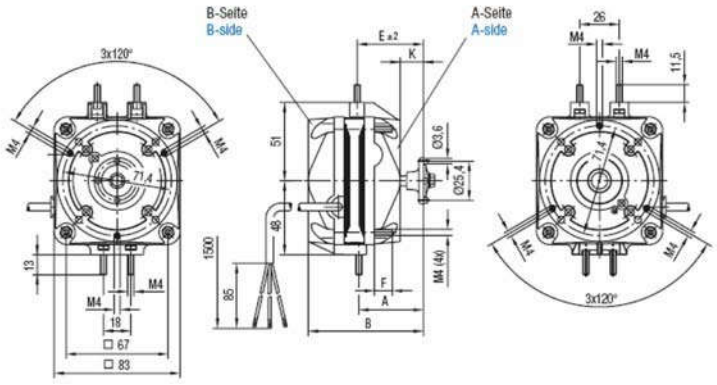
* **IQ3612 / 55330.01083**
** **IQ3620 / 55330.01150**

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Please note :
All power consumption values of the IQ motors are at the maximum wing diameter and the maximum blade angle. For the exact values contact our sales department also return on investment values can be given.



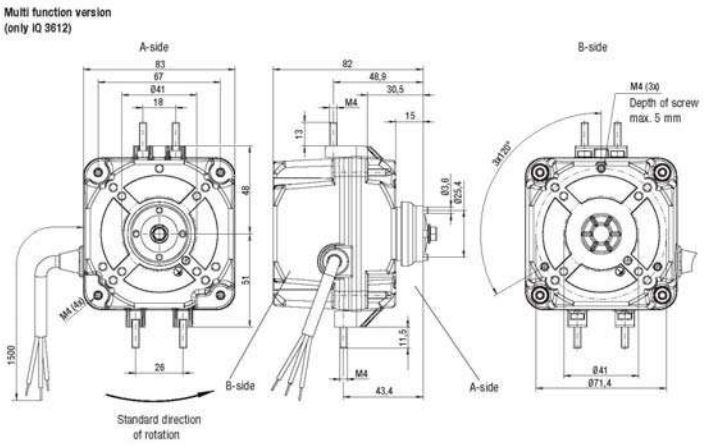
Specific drawing



Dimensions in mm

articlenumber	A	B	E	F	K
M4Q045-BD01-75	43	76	43,5	12	15
M4Q045-CA01-75	49	82	43,5	10	15
M4Q045-CA03-75	49	82	43,5	10	15
M4Q045-CF01-75	54	87	43,5	10	15
M4Q045-DA01-75	59	93	43,5	10	15
M4Q045-DA05-75	59	93	43,5	10	15
M4Q045-EA01-75	69	103	44,0	10	15
M4Q045-EF01-75	92	125	61,0	10	33

Specific drawing



Motor

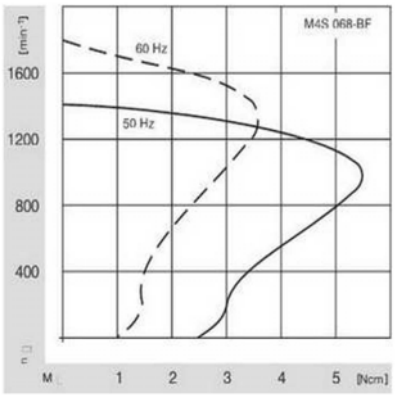


Material :	Mounting flange die-cast aluminum Rotor stove-enameled in black Shaft stainless steel
Direction of rotation	Right, CW seen on rotor
Protection:	IP44
Isolation:	B
Condensate discharges	None
Mounting position:	Free
Mode of operation:	Continuous S1
Bearings	Maintenance free ball bearings
Motorprotection	Integrated temperature switches
Cable	Variabel
Norm	EN 60335-1

Nominal data	Voltage	Frequency	Speed	Current	Starting torque	Nominal torque	Weight	Cable length		Price	Price	Price
Type	**VAC**	**Hz**	**rpm**	**A**	**mNm**	**mNm**	**kg**	**mm**		**1-4**	**5-9**	**10-14**
M4S068BF0819	230	50	1200	0.18	25	46	1.1	600		96,40	83,80	75,50
M4S068BF0814	230	50	1200	0.18	25	46	1.1	1000		97,40	84,70	76,30

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Delivery head over airflow at 50 Hz



Capacitors



Product code	uF	Size (mm)	Quantities / Pricing 1-4	5-9	10-14
280F00031	1	30x57	4,30		3,42
280F00069	1.5	30x57	8,10		6,44
280F00033	2	30x57	4,50		3,58
280F00035	3	30x57	4,60		3,66
280F00036	4	30x57	5,00		3,98
280F00037	5	30x70	5,80		4,61
280F00038	6	35x70	6,00		4,77
280F00039	8	35x70	8,00		5,30
280F00040	10	40x70	9,20		6,10
280F00041	12	45x70	10,50		6,96
280F00042	14	45x70	11,00		7,29
280F00043	16	40x94	11,50		7,62
280F00044	20	45x94	14,00		9,28
280F00045	25	45x94	15,00		9,95
280F00046	35	50x121	20,70		13,72

Guard grilles

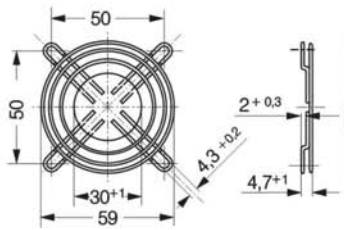


Type	Fan Series	Product code	Quantities 1-4	5-9	10-14
LZ29-1	400	9920029001	3,10	2,70	2,29
LZ36	7000	9920036000	6,00	5,22	4,44
LZ28-1	600	9920028001	3,80	3,31	2,81
LZ23-1	3000	9920023002	3,10	2,70	2,29
LZ32-4	8000	9920032004	5,80	5,05	4,29
LZ30-4	9000/4000	9920030004	6,50	5,66	4,81
LZ25	5100/5600	9920025000	7,10	6,18	5,25
VR107	9000/4000	280F00017	4,15	3,61	3,25
LZ60	9000/4000	9920060000	8,10	7,05	5,99
LZ35	5000	9920035000	5,10	4,44	3,77

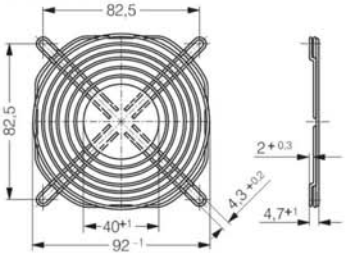
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Dimensions

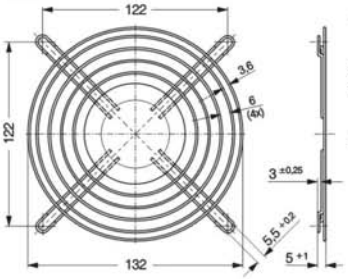
LZ28-1



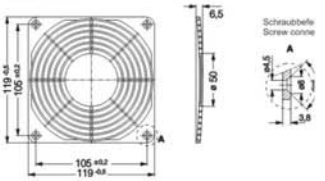
LZ23-1



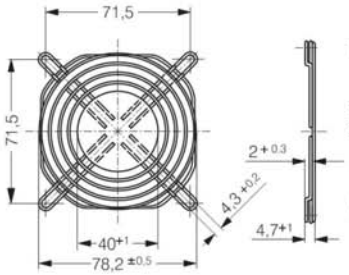
LZ25



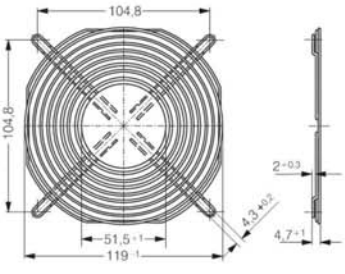
VR107



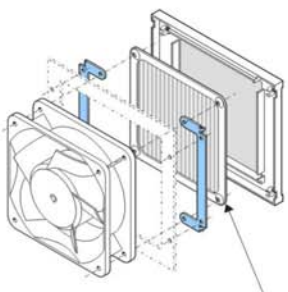
LZ32-4



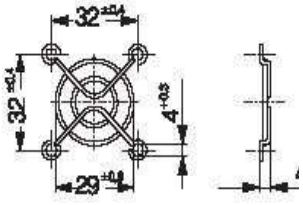
LZ30-4



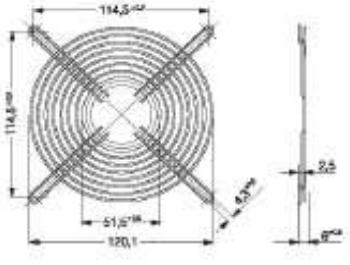
LZ60



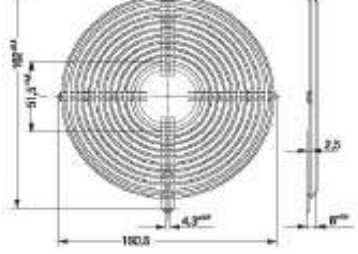
LZ 29-1



LZ 35



LZ 36





TMV2
The 5-speed controller type TMV2 is for use in general rooms and kitchens.
The casing is protection class IP54.
The controller has a connection for servo contact (230 V ~50-60 Hz / 0.5 A).

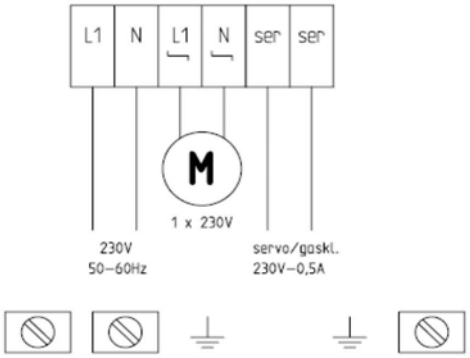
TMV3
The 5-speed controller type TMV3 is for use in general rooms.
The casing is protection class IP54.
The controller is made in V diagram.
The controller is thermally protected and has a connection for a servo contact (230 V ~50-60 Hz / 0.5 A) and thermally protected motors (TK-TK). Hand reset after thermal cut-off and power interrupt.

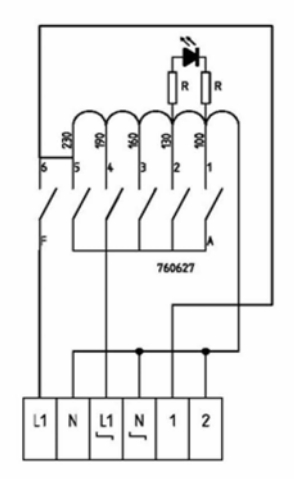
Nominal data		Voltage	Output voltage	Current	Dimensions	
Type	**Product code**	**VAC**	**VAC**	**A**	**mm**	**Price**
TMV2-2,2	280F00085	230	0-100-130-160-190-230	2.2	192x152x87 (Plastic)	89,04
TMV2-3	280F00086	230	0-100-130-160-190-230	3.0	192x152x87 (Plastic)	98,40
TMV2-5	280F00087	230	0-100-130-160-190-230	5.0	235x182x148 (Plastic)	119,76
TMV2-7	280F00088	230	0-100-130-160-190-230	7.0	235x182x148 (Plastic)	130,88
TMV2-13,6	280F00089	230	0-100-130-160-190-230	13.6	325x252x136 (Plastic)	242,48
TMV3-4	280F00090	400	0-140-180-230-400	4.0	300x250x150 (Metal)	315,92
TMV3-7	280F00091	400	0-140-180-230-400	7.0	300x250x150 (Metal)	506,96

Subject to modification

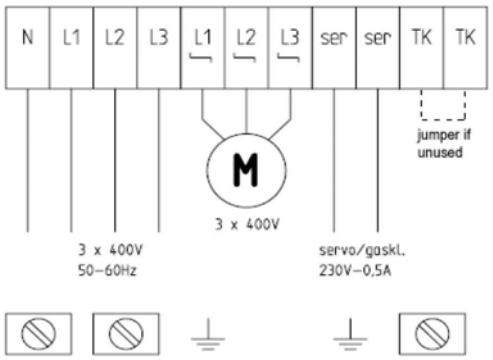
Connection illustration

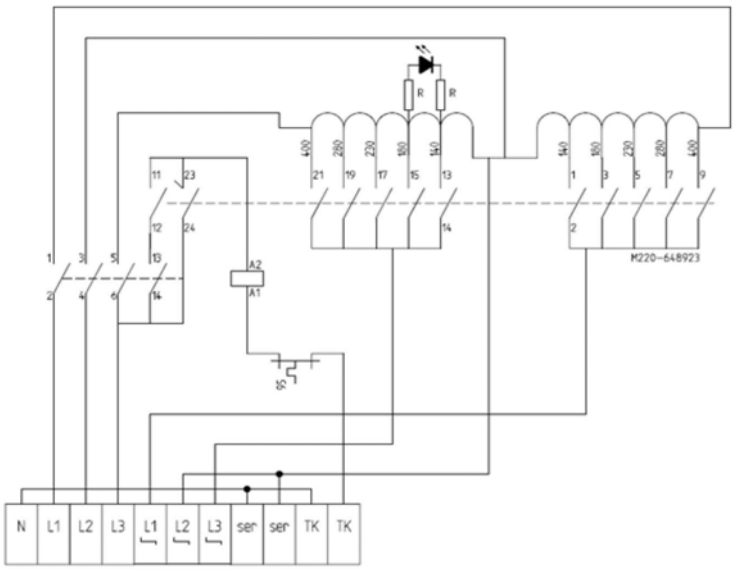
TMV 2 - series





TMV 3 - series





Speed Controller

2297



- **Brand:** ABB Busch-Jaeger
- Speed controller 2.5A with illumination

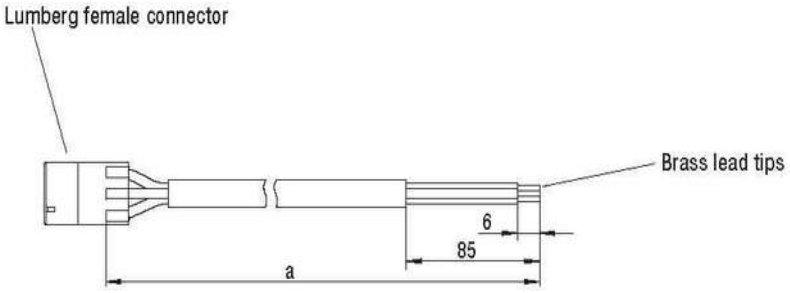
Nominal data		Current	Mounting	Protection class	Color	Hallogen free	
Type	**Artikelnr.**	**A**		**IP**	**RAL**		
2297-AG-110	280F00023	2.5	Surface	44	1013	Yes	112,20
2297-UCJ-110-212	280F00020	2.5	Built-in	21	-	Yes	97,20
Subject to modification							

Subject to modification

Attachment 1

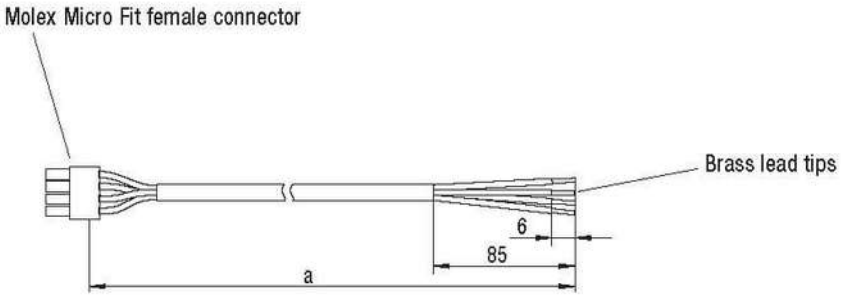
Connection leads EC / Cables

Drawing



- **Suitable for:**
  D3G146-LT; D3G146-LU; D3G146-LV;
  K3G146-A.....
- **Plug assignment:**
  1 = N (blue)
  2 = L (black)
  3 = PE (green/yellow)

Line lead for EC centrifugal fans with plastic housing		Pricing		
Part no.	**a / cable length**	**1**	**5**	**10**
65031-4-1040	650,0	6,00	5,20	4,70



- **Suitable for:**
  D3G146-LT; D3G146-LU; D3G146-LV;
  K3G146-A.....
- **Plug assignment:**
  1 = GND (blue)
  2 = 0-10V lin. / PWM (yellow)
  3 = Tacho (white)
  4 = 10V (red)

Control lines for EC centrifugal fans with plastic housing		Pricing		
Part no.	**a / cable length**	**1**	**5**	**10**
65007-4-1040	650,0	6,40	5,60	5,00