

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 315 B1 AC

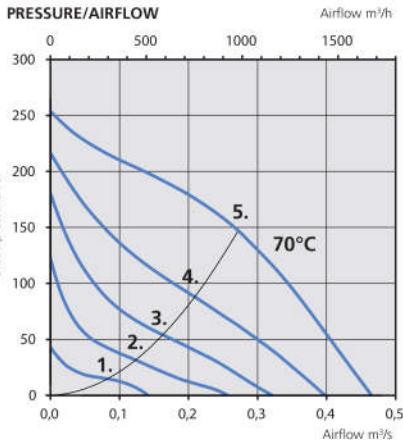


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

ACCESSORIES

- Mounting clamp, MK 315, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTE C
- Thyristor, VRS 1.0



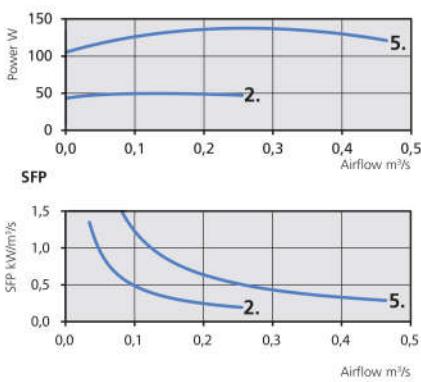
TECHNICAL DATA

BFC 315 D1 ErP AC

Part. no. 7460400

Voltage	230 / 50 V/Hz
Voltage, range	220-240 / 50-60 V/Hz
Phase	1 ~
Current	0,62 A
Power	139 W
Speed	1260 rpm
Capacitor	5 µF
Max. temp of transported air	70 C°
Max.temp of transported air with voltage regulation	70 C°
Sound pressure level, 3 m	46 dB L _{PA}
Weight	14,6 kg
Wiring diagram	4040001

TOTAL POWER/AIRFLOW



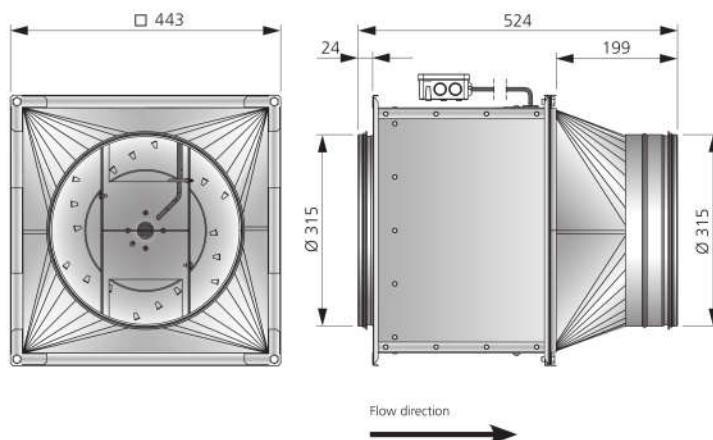
SOUND DATA

	L _p A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	46	53	30	43	49	45	48	34	31	29
5. Outlet 230V		66	53	60	60	56	58	59	53	50
5. Inlet 230V		64	49	57	56	58	54	56	55	50
4. Inlet 165V		60	46	55	52	52	48	48	48	34
3. Inlet 135V		53	45	49	45	45	40	39	38	25
2. Inlet 110V		50	39	48	42	39	33	30	26	21
1. Inlet 80V		45	30	44	34	28	24	19	20	18

TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

DIMENSIONS (mm)





BOX FAN WITH CIRCULAR CONNECTIONS

BFC 315 D1 ErP AC

ACCESSORIES

- Mounting clamp, MK 315, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRDE 1.5, VRETE 1
- Thyristor, VRS 2.0

- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

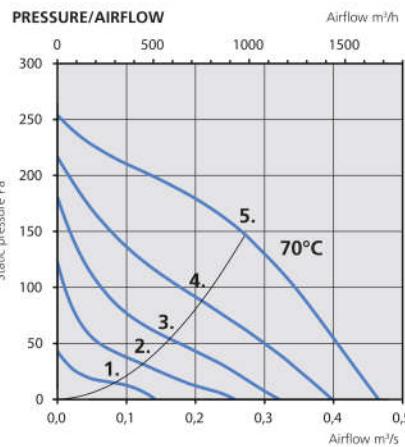
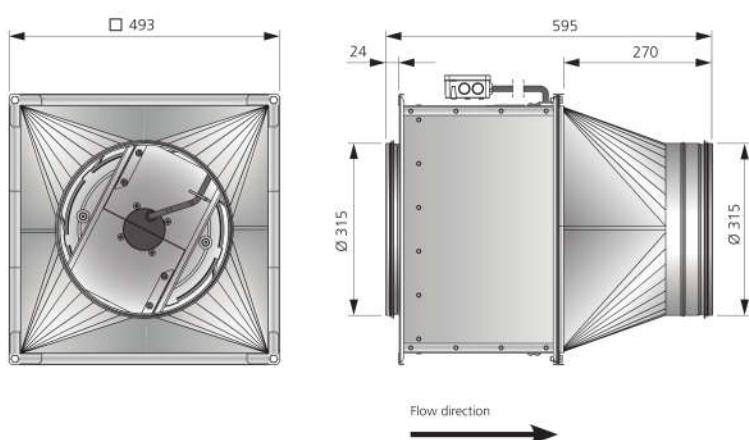
TECHNICAL DATA

BFC 315 D1 ErP AC		Part. no. 7460401
Voltage	230 / 50	V/Hz
Voltage, range	220-240	/ 50-60 V/Hz
Phase	1	~
Current	1.07	A
Current when speed controlled	1.23	A
Power	217	W
Speed	1360	rpm
Capacitor	–	μF
Max. temp of transported air	85	°C
Max. temp of transported air with voltage regulation	85	°C
Sound pressure level, 3 m	44	dB L _{WA}
Weight	17.5	kg
Wiring diagram	4040005	

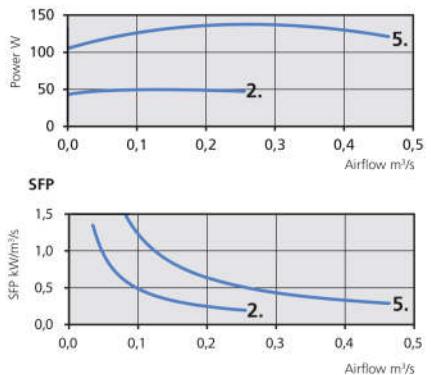
SOUND DATA

	L _p	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	44	51	32	41	45	45	44	40	34	32
5. Outlet 230V		71	61	60	65	60	63	64	60	60
5. Inlet 230V		68	53	58	59	60	59	62	59	57
4. Inlet 165V		65	50	56	56	58	56	59	57	53
3. Inlet 135V		61	45	53	52	53	53	53	54	43
2. Inlet 110V		56	41	54	43	44	47	48	40	27
1. Inlet 80V		54	34	54	33	32	33	24	20	15

DIMENSIONS (mm)



TOTAL POWER/AIRFLOW



TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 355 D1 ErP AC

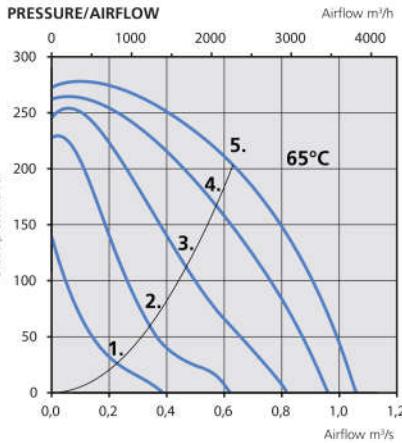


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

ACCESSORIES

- Mounting clamp, MK 315, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTE 3, VRDE 3
- Thyristor, VRS 2.0



TECHNICAL DATA

BFC 355 D1 ErP AC

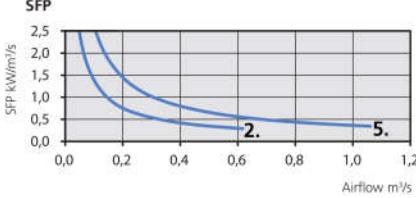
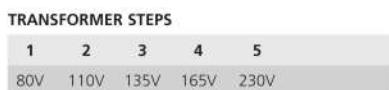
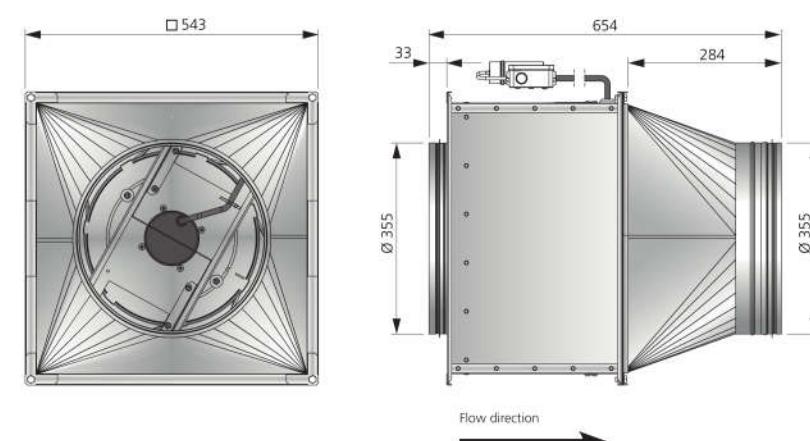
Part. no. 7460402

Voltage	230 / 50 V/Hz
Voltage, range	220-240 / 50-60 V/Hz
Phase	1 ~
Current	1.92 A
Current when speed controlled	2.13 A
Power	379 W
Speed	1380 rpm
Capacitor	10 µF
Max. temp of transported air	65 °C
Max. temp of transported air with voltage regulation	65 °C
Sound pressure level, 3 m	47 dB L _{PA}
Weight	24.1 kg
Wiring diagram	4040001

SOUND DATA

	L _p A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	47	54	34	45	51	48	43	41	38	31
5. Outlet 230V		73	63	63	66	60	65	66	63	58
5. Inlet 230V		71	56	61	63	62	63	66	62	56
4. Inlet 165V		68	53	57	59	59	60	64	59	53
3. Inlet 135V		63	49	56	54	54	56	58	53	45
2. Inlet 110V		58	46	54	47	47	49	49	42	33
1. Inlet 80V		54	37	53	37	38	39	36	27	18

DIMENSIONS (mm)





BOX FAN WITH CIRCULAR CONNECTIONS

BFC 400 B1 ErP AC

ACCESSORIES

- Mounting clamp, MK 315, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTE 3, VRDE 3
- Thyristor, VRS 4.0

- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

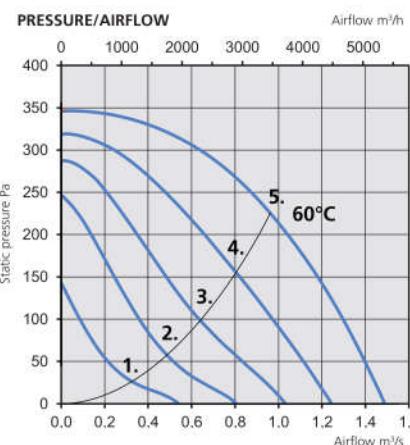
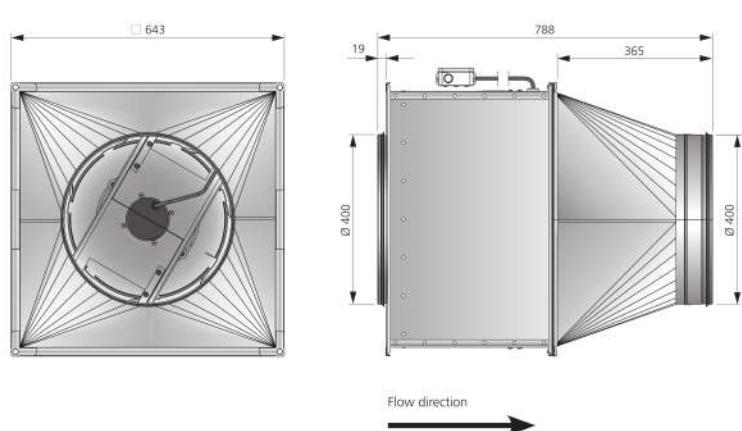
TECHNICAL DATA

BFC 400 B1 ErP AC		Part. no. 7460403
Voltage		230 / 50 V/Hz
Voltage, range		220-240 / 50-60 V/Hz
Phase		1 ~
Current		2.74 A
Current with voltage regulation		2.99 A
Power		608 W
Speed		1300 rpm
Capacitor		12 µF
Max. temp of transported air		60 °C
Max. temp of transported air with voltage regulation		60 °C
Sound pressure level, 3 m		53 dB L _{WA}
Weight		35.9 kg
Wiring diagram		4040005

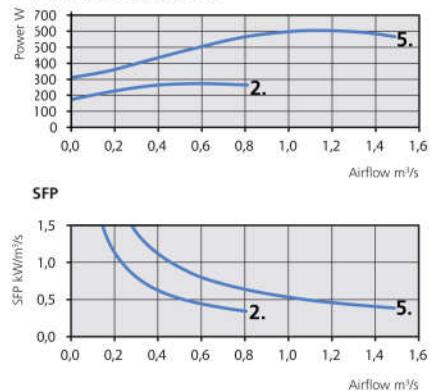
SOUND DATA

	L _A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	53	60	37	44	57	54	50	46	42	34
5. Outlet 230V		79	68	70	70	68	72	72	68	62
5. Inlet 230V		77	57	64	66	67	70	71	68	61
4. Inlet 165V		72	53	59	62	63	66	67	62	54
3. Inlet 135V		67	48	55	58	57	63	61	56	46
2. Inlet 110V		60	47	53	52	50	55	53	46	36
1. Inlet 80V		57	42	56	42	40	45	41	34	24

DIMENSIONS (mm)



TOTAL POWER/AIRFLOW



TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 400 B3 ErP AC

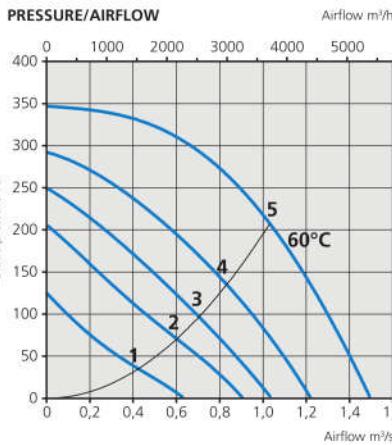


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

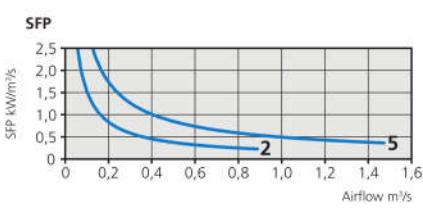
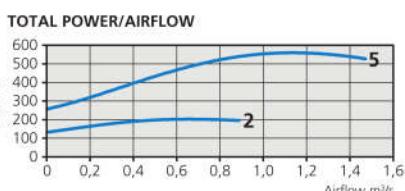
ACCESSORIES

- Mounting clamp, MK 400, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTT 2, VRDT 2



TECHNICAL DATA

BFC 400 B3 ErP AC		Part. no. 7460404
Voltage	Y 400 (Δ 230) / 50 V/Hz	
Voltage, range	380-415 / 50-60 V/Hz	
Phase	3 ~	
Current	1.20 (2.09) A	
Power	561 W	
Speed	1300 rpm	
Capacitor	- μ F	
Max. temp of transported air	60 °C	
Max. temp of transported air with voltage regulation	60 °C	
Sound pressure level, 3 m	52 dB L_{PA}	
Weight	35.0 kg	
Wiring diagram	4040004 / (Δ 4040003)	



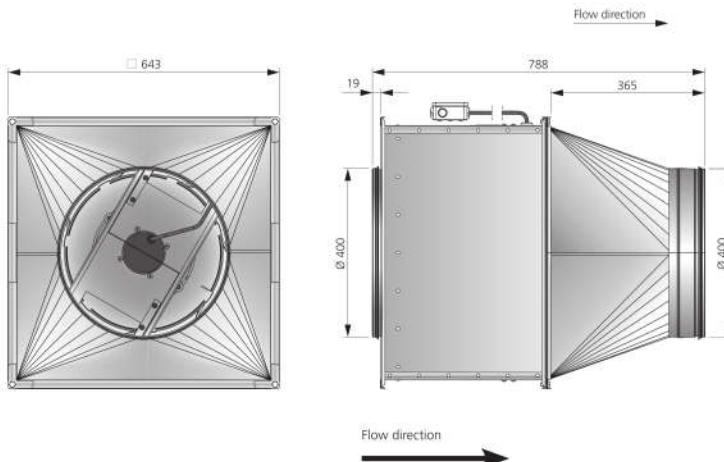
TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V

SOUND DATA

	L_p A	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	52	59	40	40	57	50	49	45	41	3
5. Outlet 400V		79	69	70	71	67	73	72	69	61
5. Inlet 400V		78	58	64	74	66	70	71	68	60
4. Inlet 240V		72	53	58	64	62	65	66	62	53
3. Inlet 185V		68	50	56	61	58	61	62	57	48
2. Inlet 145V		64	48	52	57	53	58	58	52	43
1. Inlet 95V		55	42	45	50	44	50	48	41	30

DIMENSIONS (mm)





BOX FAN WITH CIRCULAR CONNECTIONS

BFC 400 E1 ErP AC

ACCESSORIES

- Mounting clamp, MK 400, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTE 7 and VRDE 7

- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

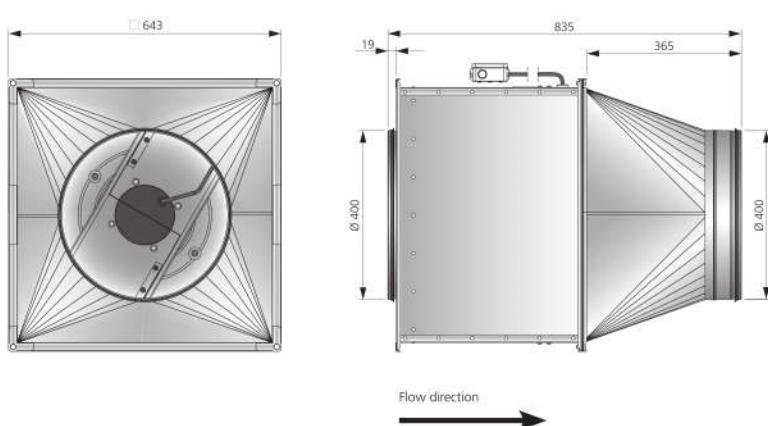
TECHNICAL DATA

BFC 400 E1 ErP AC	Part. no. 7460403
Voltage	230 / 50 V/Hz
Voltage, range	220-240 / 50-60 V/Hz
Phase	1 ~
Current	5.20 A
Current with voltage regulation	6.12 A
Power	1130 W
Speed	1380 rpm
Capacitor	30 µF
Max. temp of transported air	80 °C
Max. temp of transported air with voltage regulation	80 °C
Sound pressure level, 3 m	55 dB L _{WA}
Weight	48.3 kg
Wiring diagram	4040005

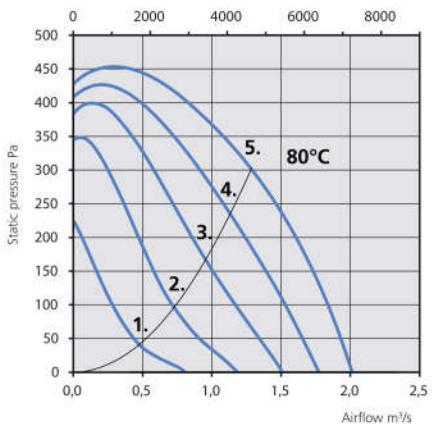
SOUND DATA

	L _A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	55	62	43	51	57	58	53	49	45	38
5. Outlet 230V		84	74	76	77	75	77	75	72	65
5. Inlet 230V		80	63	68	71	70	72	74	72	65
4. Inlet 165V		77	61	66	68	68	70	71	69	62
3. Inlet 135V		73	57	63	64	63	65	67	64	55
2. Inlet 110V		68	57	63	58	57	59	60	56	46
1. Inlet 80V		60	45	58	49	46	50	49	42	30

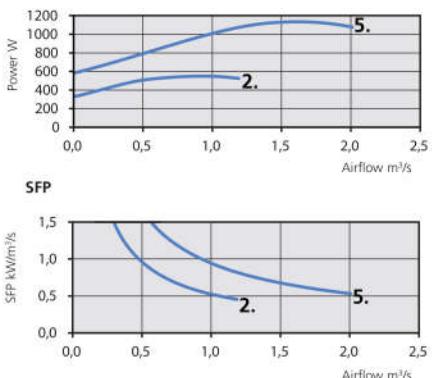
DIMENSIONS (mm)



PRESSURE/AIRFLOW



TOTAL POWER/AIRFLOW



SFP

TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 400 E3 ErP AC

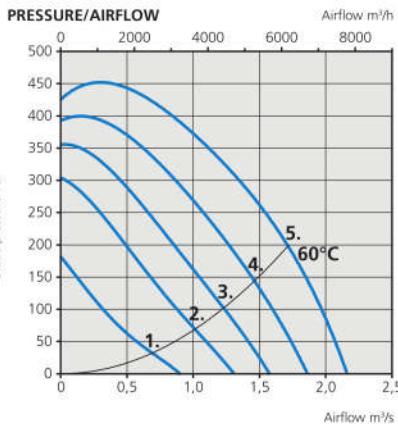


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

ACCESSORIES

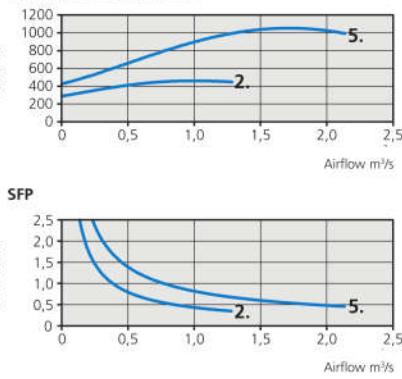
- Mounting clamp, MK 400, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille BSV 400
- Louvre shutter
- Back draught damper
- Transformer, VRTT 4, VRDT 4



TECHNICAL DATA

BFC 400 E3 ErP AC	Part. no. 7460406
Voltage	Y 400 (Δ 230) / 50 V/Hz
Voltage, range	380-415 / 50-60 V/Hz
Phase	3 ~
Current	2.03 (3.53) A
Current with voltage regulation	2.22 A
Power	1040 W
Speed	1380 rpm
Capacitor	- μ F
Max. temp of transported air	60 °C
Max. temp of transported air with voltage regulation	60 °C
Sound pressure level, 3 m	55 dB L _{PA}
Weight	43.4 kg
Wiring diagram	Y 4040004 / (Δ 4040003)

TOTAL POWER/AIRFLOW



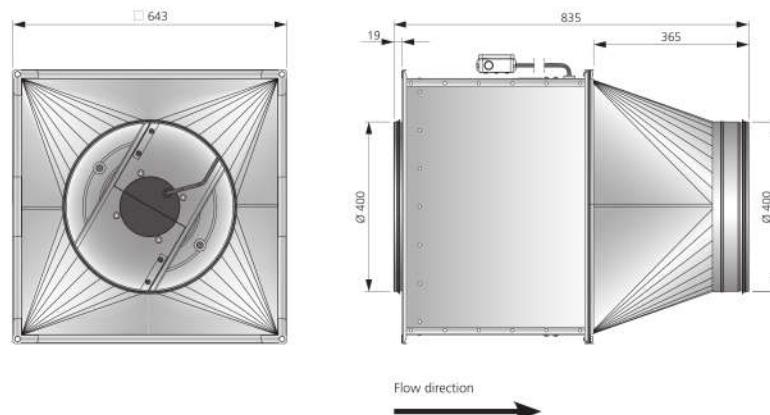
SOUND DATA

	L _p A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	55	62	44	47	59	56	54	49	44	39
5. Outlet 400V		88	78	81	82	80	80	77	72	67
5. Inlet 400V		80	63	68	71	72	74	73	71	65
4. Inlet 240V		76	59	65	68	69	70	70	67	60
3. Inlet 185V		73	55	62	64	65	66	66	62	55
2. Inlet 145V		68	52	57	61	60	61	61	56	48
1. Inlet 95V		58	46	48	52	50	52	50	44	34

TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V

DIMENSIONS (mm)





BOX FAN WITH CIRCULAR CONNECTIONS

BFC 500 B1 ErP AC



ACCESSORIES

- Mounting clamp, MK 500, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille BSV 500
- Louvre shutter
- Back draught damper
- Transformer, VRTE 3, VRDE 3
- Thyristor VRS 4.0

- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

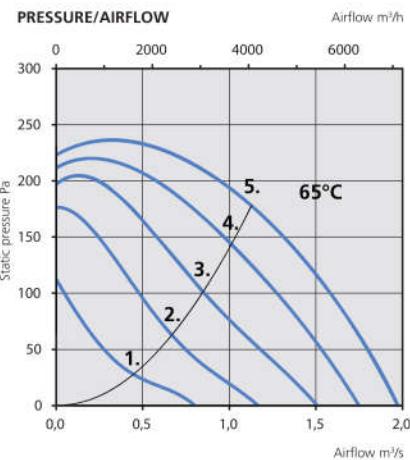
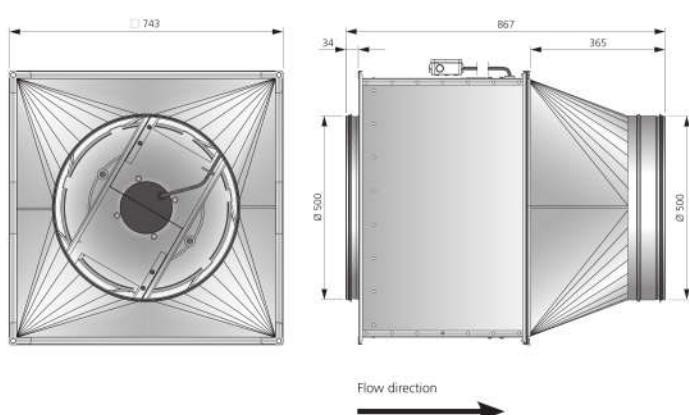
TECHNICAL DATA

BFC 500 B1 ErP AC		Part. no. 7460407
Voltage	230 / 50 V/Hz	
Voltage, range	220-240 / 50-60 V/Hz	
Phase	1 ~	
Current	2.59 A	
Current with voltage regulation	2.88 A	
Power	559 W	
Speed	1340 rpm	
Capacitor	14 µF	
Max. temp of transported air	65 °C	
Max. temp of transported air with voltage regulation	65 °C	
Sound pressure level, 3 m	52 dB L _{WA}	
Weight	43.6 kg	
Wiring diagram	4040005	

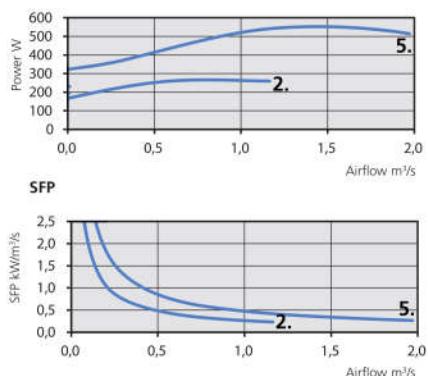
SOUND DATA

	L _A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	52	59	34	43	58	48	42	37	35	29
5. Outlet 230V	77	60	66	71	65	71	69	66	66	56
5. Inlet 230V	76	52	64	73	63	67	69	65	65	55
4. Inlet 165V	71	51	62	62	60	64	66	61	61	50
3. Inlet 135V	65	48	54	56	55	59	60	56	56	42
2. Inlet 110V	60	47	49	50	48	53	56	43	43	32
1. Inlet 80V	51	34	47	42	37	47	40	28	28	23

DIMENSIONS (mm)



TOTAL POWER/AIRFLOW



TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 500 B3 ErP AC

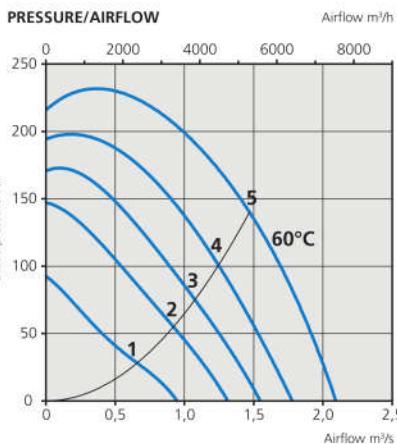


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

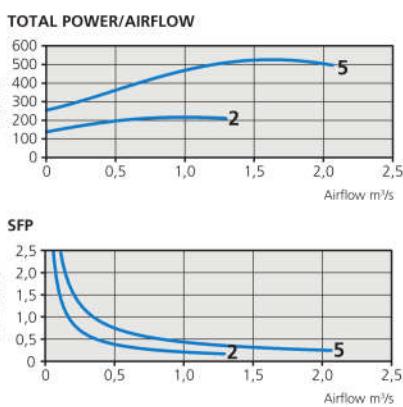
ACCESSORIES

- Mounting clamp, MK 500, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille 500
- Louvre shutter
- Back draught damper
- Transformer, VRTT 2, VRDT 2



TECHNICAL DATA

BFC 500 B3 ErP AC	Part. no. 7460406
Voltage	Y 400 (Δ 230) / 50 V/Hz
Voltage, range	380-415 / 50-60 V/Hz
Phase	3 ~
Current	1.35 (2.35) A
Power	528 W
Speed	910 rpm
Capacitor	- μ F
Max. temp of transported air	60 °C
Max. temp of transported air with voltage regulation	60 °C
Sound pressure level, 3 m	47 dB L _{PA}
Weight	51.2 kg
Wiring diagram	Y 4040004 / (Δ 4040003)



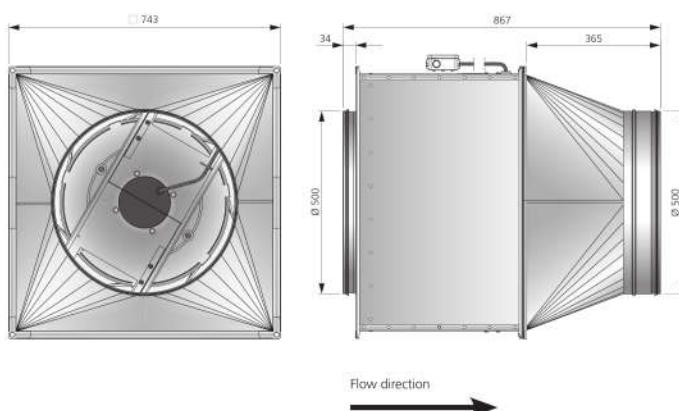
TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V

SOUND DATA

	L _A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	47	54	35	43	52	45	46	39	34	30
5. Outlet 400V		76	66	67	63	64	71	69	63	57
5. Inlet 400V		73	52	64	63	63	67	68	63	54
4. Inlet 240V		68	51	63	60	59	62	61	56	45
3. Inlet 185V		64	51	55	55	55	58	56	53	39
2. Inlet 145V		60	47	50	51	50	54	52	49	32
1. Inlet 95V		50	42	42	40	40	43	45	29	20

DIMENSIONS (mm)





AC-MOTOR DRIVEN FAN
FROM ÖSTBERG

ErP
2016

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 500 D1 ErP AC

ACCESSORIES

- Mounting clamp, MK500, simplifies connection to the duct and absorbs vibrations.
- Safety grille 500
- Louvre shutter
- Back draught damper
- Transformer, VRTE 13, VRDE 13

- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

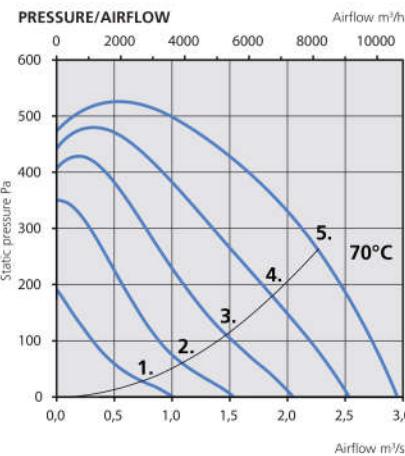
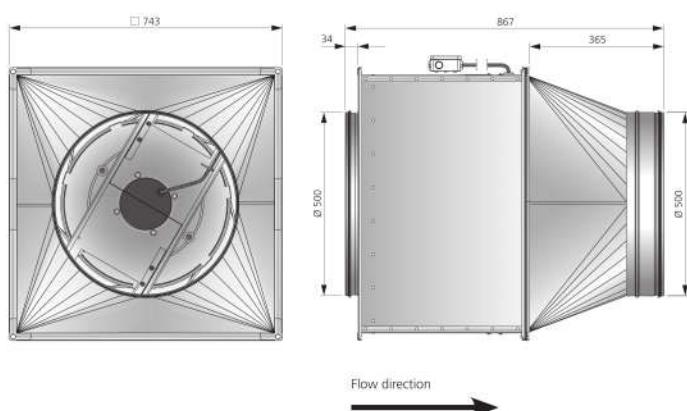
TECHNICAL DATA

BFC 500 D1 ErP AC	Part. no. 7460407
Voltage	230 / 50 V/Hz
Voltage, range	220-240 / 50 V/Hz
Phase	1 ~
Current	7,6 A
Current with voltage regulation	8,9 A
Power	1700 W
Speed	1340 rpm
Capacitor	35 µF
Max. temp of transported air	70 °C
Max. temp of transported air with voltage regulation	70 °C
Sound pressure level, 3 m	59 dB L _{WA}
Weight	59,3 kg
Wiring diagram	4040005

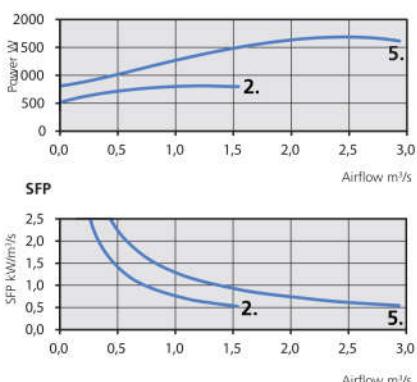
SOUND DATA

	L _A	L _{WA}	tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	59	66	45	54	64	57	54	49	45	39	
5. Outlet 230V	87	71	75	77	78	83	80	76	74	70	
5. Inlet 230V	84	63	72	74	76	78	78	74	72	69	64
4. Inlet 165V	79	61	73	69	71	72	72	69	66	63	54
3. Inlet 135V	75	65	72	64	64	66	66	63	60	57	44
2. Inlet 110V	73	57	72	57	56	59	59	57	54	51	44
1. Inlet 80V	70	50	69	46	46	50	54	39	39	28	

DIMENSIONS (mm)



TOTAL POWER/AIRFLOW



TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 500 D3 ErP AC

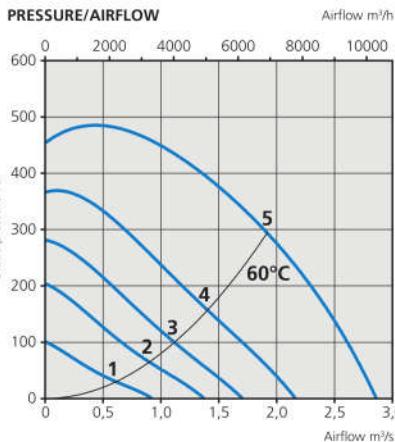


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

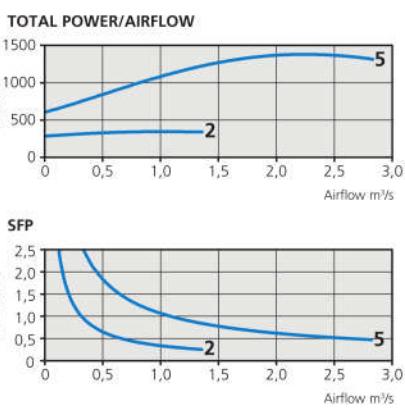
ACCESSORIES

- Mounting clamp, MK 500, simplifies connection to the duct and absorbs vibrations.
- Mounting bracket kit, Universal
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTT 4, VRDT 4



TECHNICAL DATA

BFC 500 D3 ErP AC	Part. no. 7460410
Voltage	Y 400 (Δ 230) / 50 V/Hz
Voltage, range	380-415 / 50 V/Hz
Phase	3 ~
Current	2.82 (4.90) A
Power	1390 W
Speed	1270 rpm
Capacitor	- μ F
Max. temp of transported air	60 °C
Max. temp of transported air with voltage regulation	60 °C
Sound pressure level, 3 m	57 dB L_{PA}
Weight	55.0 kg
Wiring diagram	Y 4040004 / (Δ 4040003)



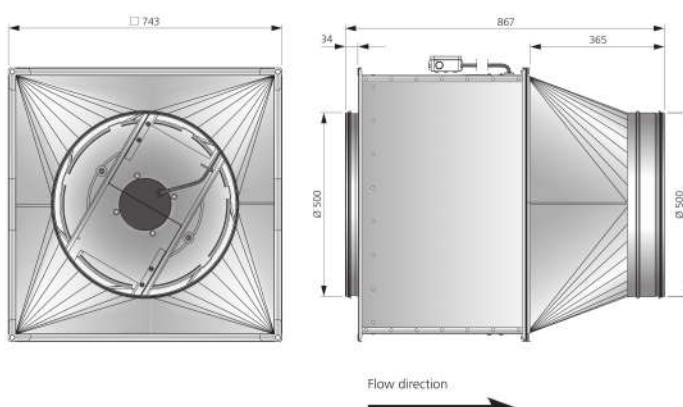
TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V

SOUND DATA

	L_v A	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	57	64	45	51	62	54	52	47	42	37
5. Outlet 400V		84	68	72	73	74	80	77	73	68
5. Inlet 400V		80	59	70	71	73	75	74	69	63
4. Inlet 240V		73	55	64	64	65	67	66	61	54
3. Inlet 185V		69	52	62	60	65	62	60	57	46
2. Inlet 145V		62	54	53	53	55	54	52	37	
1. Inlet 95V		55	51	47	42	43	45	50	34	29

DIMENSIONS (mm)





BOX FAN WITH CIRCULAR CONNECTIONS

BFC 630 A1 ErP AC

ACCESSORIES

- Mounting clamp, MK 500, simplifies connection to the duct and absorbs vibrations.
- Safety grille 500
- Louvre shutter
- Back draught damper
- Transformer, VRTE 5, VRDE 7

**ErP
2016**

- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

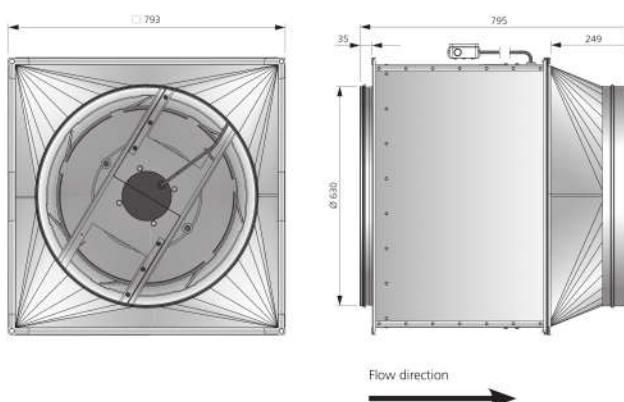
TECHNICAL DATA

BFC 630 A1 ErP AC	Part. no. 7460411
Voltage	230 / 50 V/Hz
Voltage, range	220-240 / 50-60 V/Hz
Phase	1 ~
Current	4.69 A
Current with voltage regulation	4.77 A
Power	891 W
Speed	880 rpm
Capacitor	16 µF
Max. temp of transported air	80 °C
Max. temp of transported air with voltage regulation	80 °C
Sound pressure level, 3 m	56 dB L _{WA}
Weight	63.5 kg
Wiring diagram	4040005

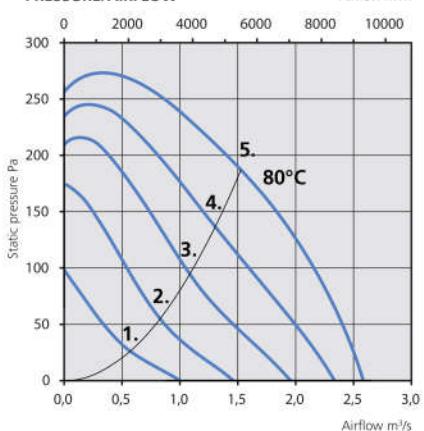
SOUND DATA

	L _A	L _{WA}	tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 230V	56	63	43	57	60	55	52	41	36	32	
5. Outlet 230V		76	60	69	66	67	71	67	64	60	
5. Inlet 230V	75	53	65	70	65	68	66	67	62	56	
4. Inlet 165V	69	55	63	60	59	63	63	60	56	48	
3. Inlet 135V	65	51	60	55	54	58	54	51	41	40	
2. Inlet 110V	60	45	58	49	49	51	48	40	30		
1. Inlet 80V	55	41	54	41	34	38	35	25	19		

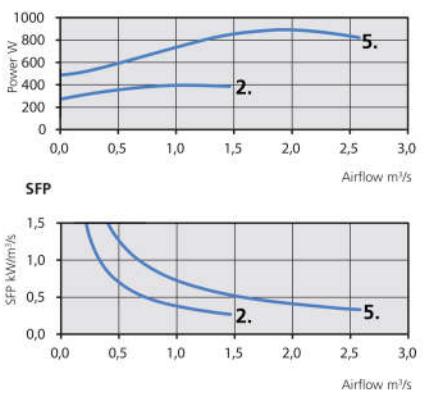
DIMENSIONS (mm)



PRESSURE/AIRFLOW



TOTAL POWER/AIRFLOW



TRANSFORMER STEPS

1	2	3	4	5
80V	110V	135V	165V	230V

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 630 A3 ErP AC

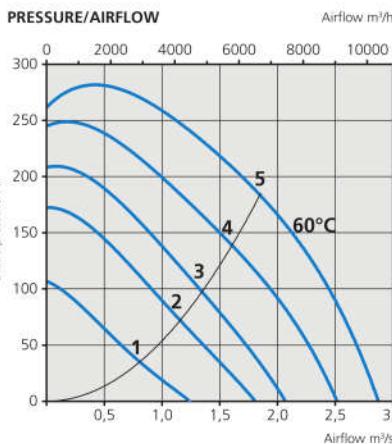


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

ACCESSORIES

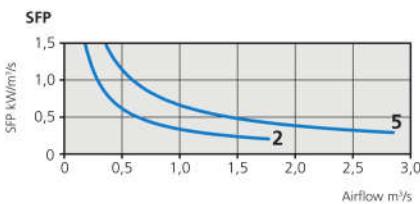
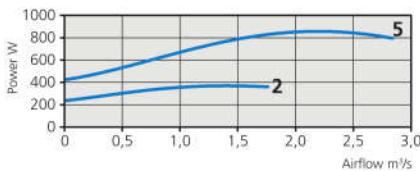
- Mounting clamp, MK 500, simplifies connection to the duct and absorbs vibrations.
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTT 4, VRDT 4



TECHNICAL DATA

BFC 630 A3 ErP AC		Part. no. 7460412
Voltage	Y 400 (Δ 230) / 50 V/Hz	
Voltage, range	380-415 / 50-60 V/Hz	
Phase	3 ~	
Current	2.17 (3.77) A	
Power	854 W	
Speed	920 rpm	
Capacitor	- μ F	
Max. temp of transported air	60 °C	
Max. temp of transported air with voltage regulation	60 °C	
Sound pressure level, 3 m	56 dB L_{PA}	
Weight	59.3 kg	
Wiring diagram	Y 4040004 / (Δ 4040003)	

TOTAL POWER/AIRFLOW



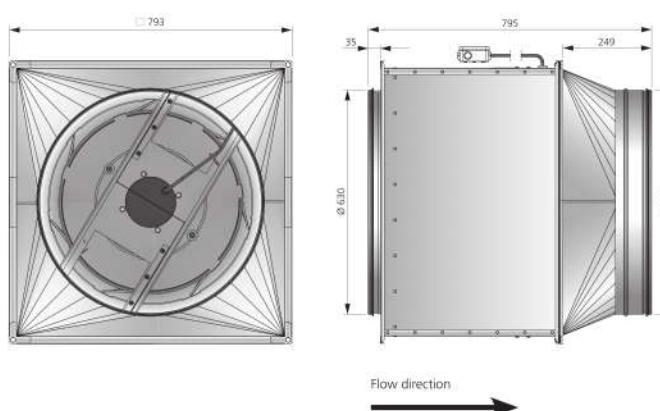
TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V

SOUND DATA

	L_v A	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	56	63	43	49	62	50	50	42	34	30
5. Outlet 400V		78	63	71	69	70	73	69	64	59
5. Inlet 400V		75	54	64	66	66	71	68	64	59
4. Inlet 240V		72	53	64	63	63	67	63	58	53
3. Inlet 185V		68	55	56	57	59	64	60	56	47
2. Inlet 145V		64	51	52	54	55	60	55	53	41
1. Inlet 95V		55	46	46	45	47	51	47	37	29

DIMENSIONS (mm)





BOX FAN WITH CIRCULAR CONNECTIONS

BFC 630 B3 ErP AC

ACCESSORIES

- Mounting clamp, MK 500, simplifies connection to the duct and absorbs vibrations.
- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTT 4, VRDT 4



- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

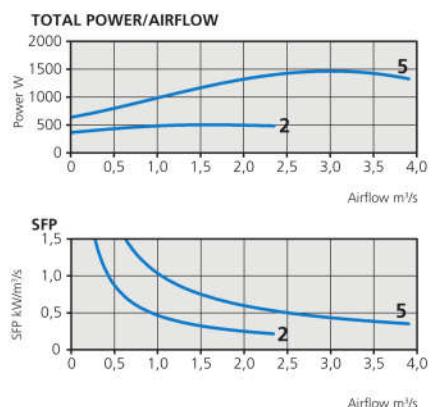
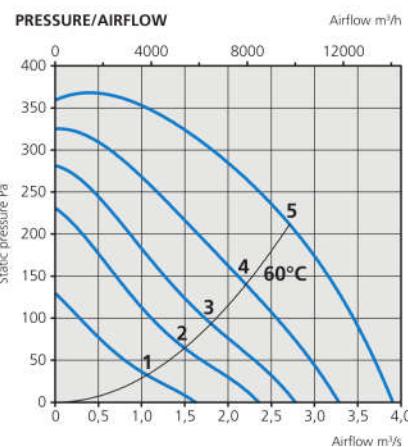
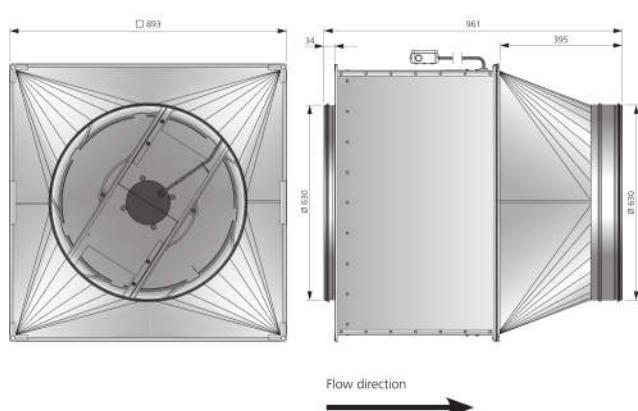
TECHNICAL DATA

BFC 630 B3 ErP		Part. no. 7460414
Voltage		Y 400 (Δ 230) / 50 V/Hz
Voltage, range		380-415 / 50 V/Hz
Phase		3 ~
Current		3.55 (6.17) A
Power		1460 W
Speed		920 rpm
Capacitor		- μ F
Max. temp of transported air		60 °C
Max. temp of transported air with voltage regulation		60 °C
Sound pressure level, 3 m		59 dB L _{WA}
Weight		73.4 kg
Wiring diagram	Y 4040004 / (Δ 4040003)	

SOUND DATA

	L _p A	L _{WA}	tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	59	66	47	51	65	59	55	50	44	36	
5. Outlet 400V		85	74	77	77	78	78	74	69	60	
5. Inlet 400V		80	59	70	70	72	75	73	69	61	
4. Inlet 240V		75	59	64	65	66	70	68	63	54	
3. Inlet 185V		70	56	57	60	61	65	62	56	47	
2. Inlet 145V		65	56	53	56	56	61	57	50	41	
1. Inlet 95V		55	49	45	45	45	51	45	37	28	

DIMENSIONS (mm)



TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V

BOX FAN WITH CIRCULAR CONNECTIONS

BFC 630 C3 ErP AC

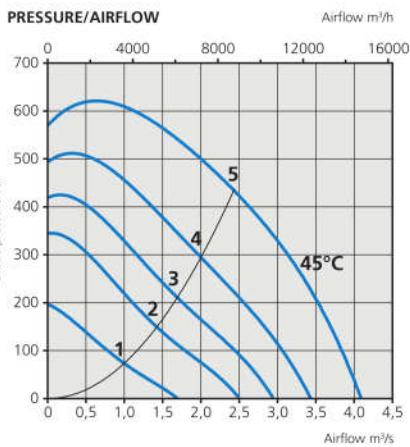


- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

ACCESSORIES

- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VR TT 7, VR DT 7



TECHNICAL DATA

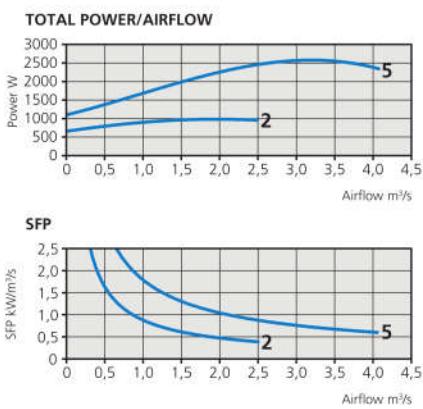
BFC 630 A3 ErP AC

Part. no. 7460413

Voltage	Y 400 (Δ 230) / 50 V/Hz
Voltage, range	380-415 / 50 V/Hz
Phase	3 ~
Current	4.81 (8.37) A
Current with voltage regulation	4.93 A
Power	2590 W
Speed	1330 rpm
Capacitor	- μ F
Max. temp of transported air	45 °C
Max. temp of transported air with voltage regulation	45 °C
Sound pressure level, 3 m	62 dB L _{PA}
Weight	59.5 kg
Wiring diagram	Y 4040004 / (Δ 4040003)

SOUND DATA

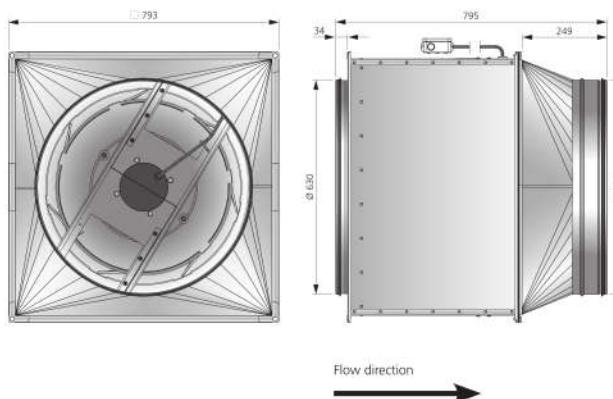
	L _A	L _{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	62	69	47	54	68	59	60	56	48	41
5. Outlet 400V		88	71	76	79	79	83	80	76	69
5. Inlet 400V		84	62	73	73	74	79	78	75	69
4. Inlet 240V		78	58	67	68	70	74	72	66	61
3. Inlet 185V		74	54	64	64	66	70	68	62	57
2. Inlet 145V		70	54	63	61	62	65	62	57	50
1. Inlet 95V		60	46	50	50	52	56	52	48	36



TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V

DIMENSIONS (mm)





BOX FAN WITH CIRCULAR CONNECTIONS

BFC 630 D3 ErP AC

ACCESSORIES

- Safety grille
- Louvre shutter
- Back draught damper
- Transformer, VRTT 11, VRDT 11

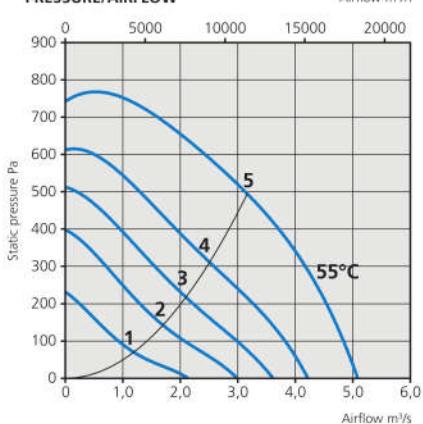
- Duct fan with circular connections.
- BFC is very compact, with only slightly larger dimensions than the duct.
- High capacity and efficiency.
- The fan meets the requirements of the EU's ErP Directive, Lot 6.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated approved thermal motor protection.
- The motor has insulation class F.

- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- Easy installation in any position.

TECHNICAL DATA

BFC 630 B3 ErP	Part. no. 7460415
Voltage	Y 400 (Δ 230) / 50 V/Hz
Voltage, range	380-415 / 50 V/Hz
Phase	3 ~
Current	6.90 (12.0) A
Power	4080 W
Speed	1270 rpm
Capacitor	- μ F
Max. temp of transported air	55 °C
Max. temp of transported air with voltage regulation	55 °C
Sound pressure level, 3 m	66 dB L_{WA}
Weight	86.4 kg
Wiring diagram	Y 4040004 / (Δ 4040003)

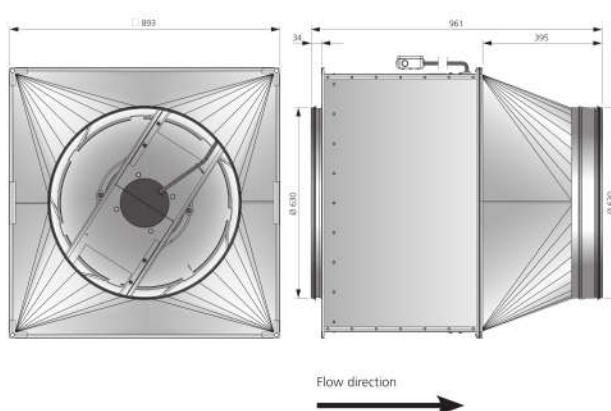
PRESSURE/AIRFLOW



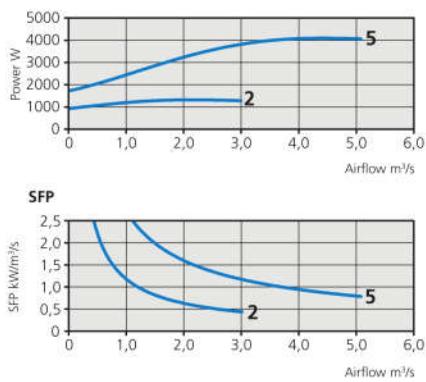
SOUND DATA

	L_p A	L_{WA} tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding 400V	66	73	55	60	71	65	64	61	55	47
5. Outlet 400V		93	80	84	85	86	86	83	79	71
5. Inlet 400V		87	67	74	75	77	82	80	77	70
4. Inlet 240V		82	60	70	70	73	78	76	72	64
3. Inlet 185V		78	58	67	68	69	73	71	67	59
2. Inlet 145V		73	58	60	62	64	69	66	60	52
1. Inlet 95V		64	49	52	54	56	60	56	49	39

DIMENSIONS (mm)



TOTAL POWER/AIRFLOW



TRANSFORMER STEPS

1	2	3	4	5
95V	145V	185V	240V	400V