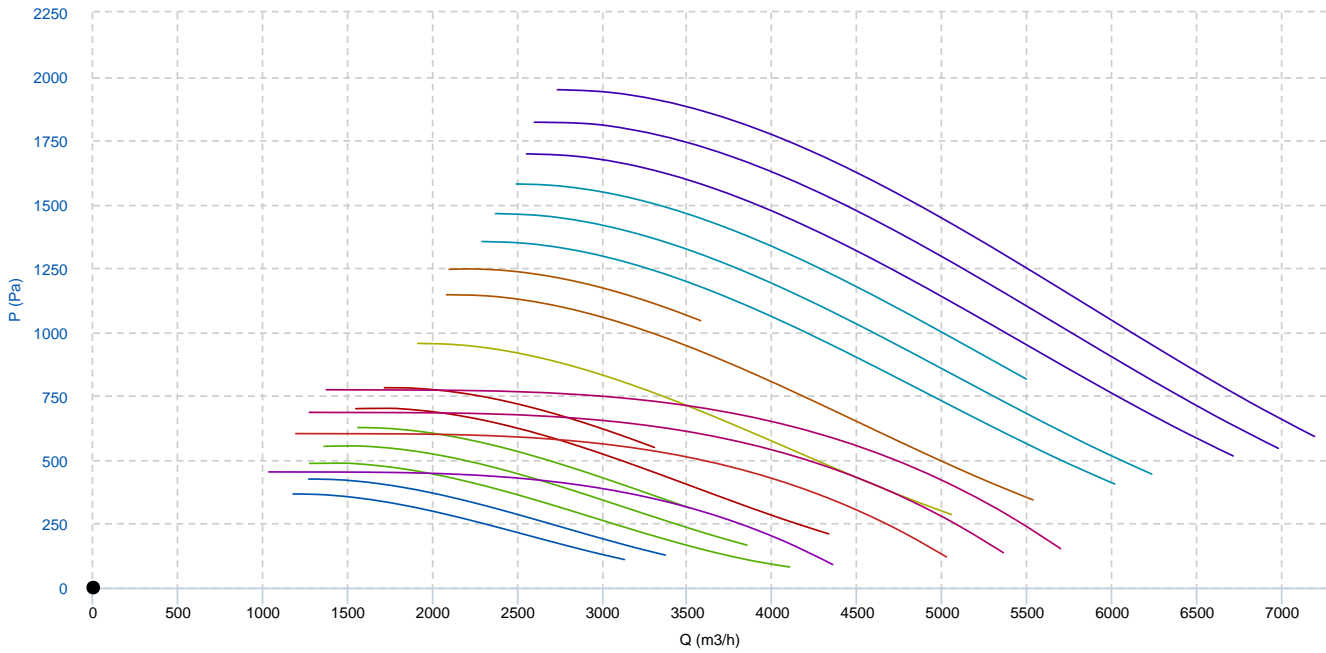


COMPARISON



Design point

Q (m ³ /h)	0
P (Pa)	0

comparative summary

model	Q (m ³ /h)	Ps (Pa)	Pt (Pa)	P _{abs} (kW)	P _{recom} (kW)	efficiency (%)
BOX BSTB 355 0,37kW (244350110)	-	-	-	-	-	-
BOX BSTB 355 0,55kW (244350111)	-	-	-	-	-	-
BOX BSTB 355 0,75kW (244350112)	-	-	-	-	-	-
BOX BSTB 355 1,1kW (244350113)	-	-	-	-	-	-
BOX BSTB 355 1,5kW (244350114)	-	-	-	-	-	-
BOX BSTB 355 2,2kW (244350115)	-	-	-	-	-	-
BOX BSTB 355 3kW (244350116)	-	-	-	-	-	-
BOX BSTB 400 0,55kW (244400110)	-	-	-	-	-	-
BOX BSTB 400 0,75kW (244400111)	-	-	-	-	-	-
BOX BSTB 400 1,1kW (244400112)	-	-	-	-	-	-

BOX BSTB 355 0,37kW (244350110)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
 - Fan assembled on antivibration mountings.
 - Simple inlet backward curved impeller.
 - Supplied with motor, pulleys and belts.
 - Interchangeable panels to allow different fan positions.
 - Gland connection included.
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

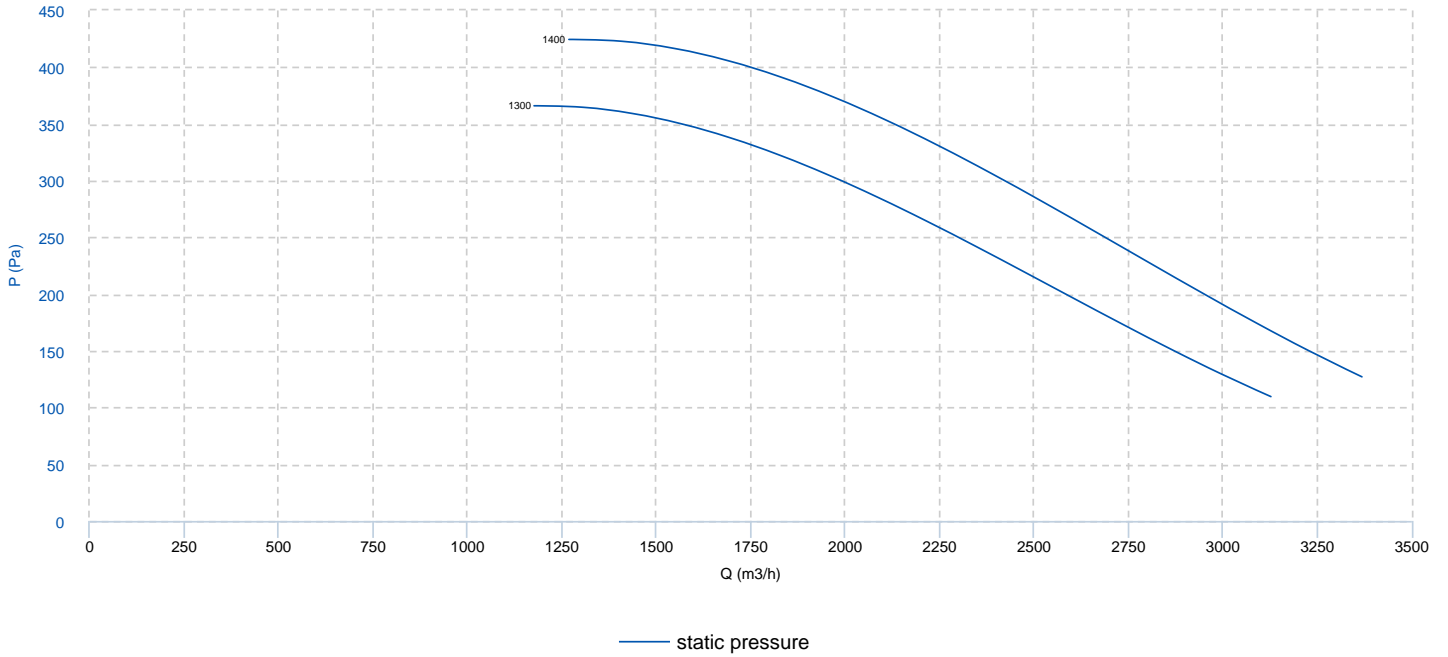
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

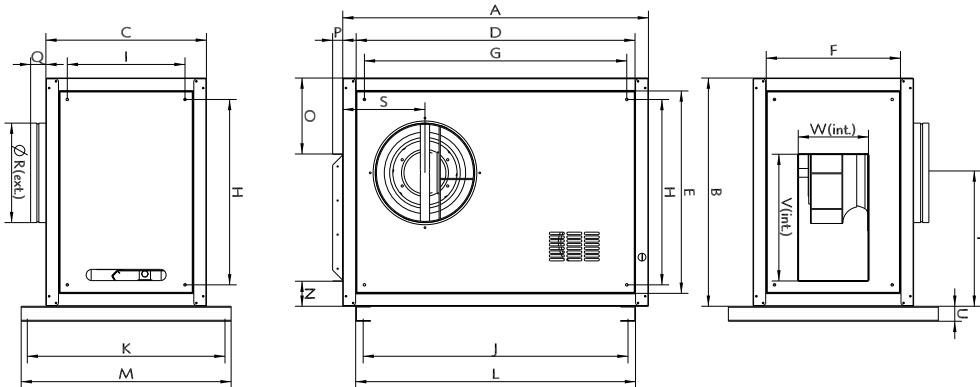
RPM	1400/1300	approx. weight	122 kg	max flow	3370 m³/h
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motor

power	0.37 kW	motor rpm	1400	imax 230V	1.86 A
imax 400V	1.07 A	size	71	approx. weight	6.2 kg



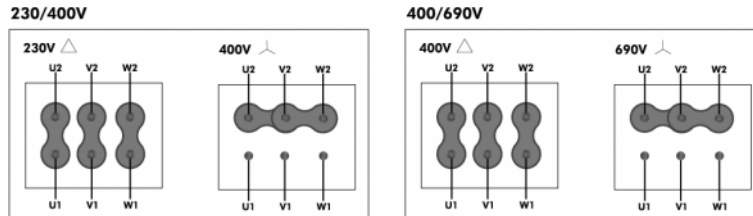
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1068	B	824	C	612	D	960,5	E	721
F	506	G	894,5	H	650,5	I	440	J	904,5
K	760	L	964,5	M	809	N	101	O	268
P	40,5	Q	60	S	345	T	421,9	U	60
V	453	W	253	ØR	353				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 35
REF: 960002053



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIRCASE PRESSURISATION KIT
Easy KPE SP 0,37kW
REF: 508800102



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 0,75kW
 REF: 508800344



FREQUENCY SPEED CONTROLLER
SFC M 0,37kW
 REF: 960002520



FREQUENCY SPEED CONTROLLER
SFC T 0,55kW
 REF: 960002526

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784500	1 x TURBINE	E_BSTB 355		
2	300784500SP03	1 x SHAFT	BSTB 355		
3	721001131	1 x MOTOR	0,37kW T4 B3 230/400V		
4	732011201	1 x PULLEY	SPZ112-1 (1610)	1300	
4	732012501	1 x PULLEY	SPZ125 -1 (1610)	1300	
4	732014001	1 x PULLEY	SPZ140-1 (1610)	1400	
5	244350110SP05	2 x BEARING	BSTB 355		

BOX BSTB 355 0,55kW (244350111)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

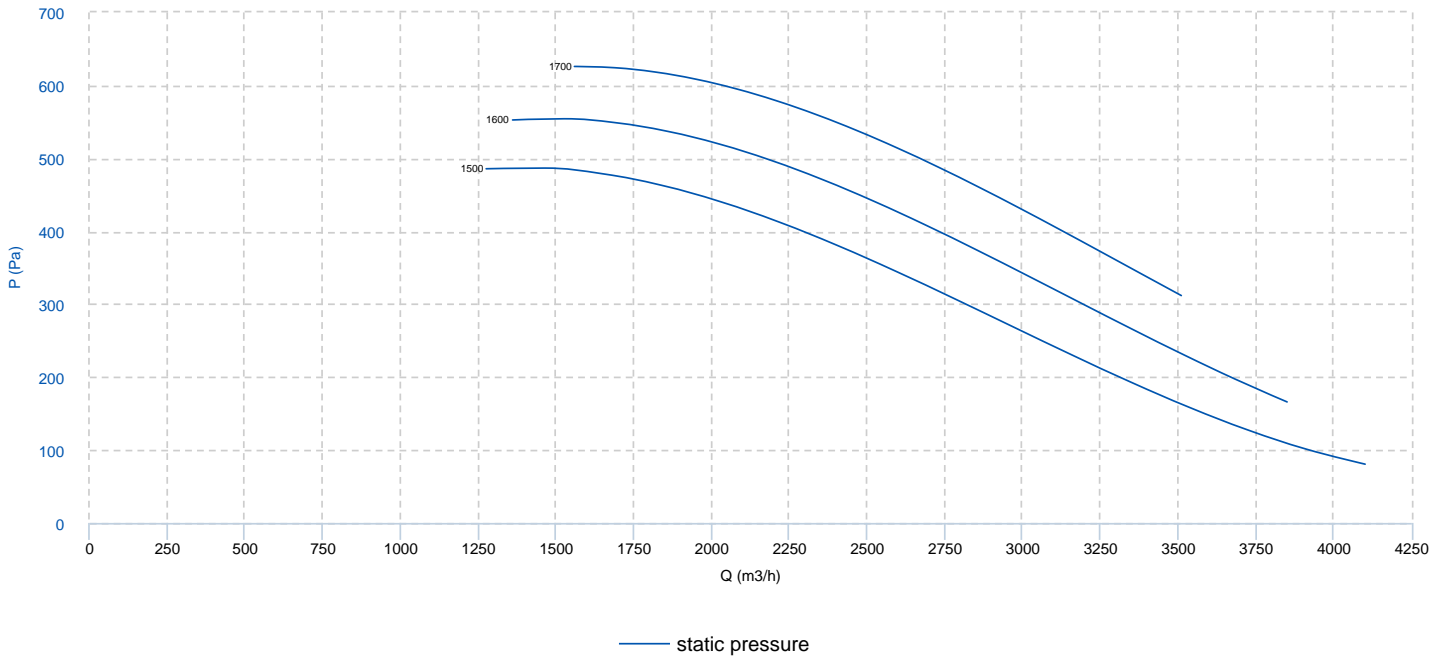
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

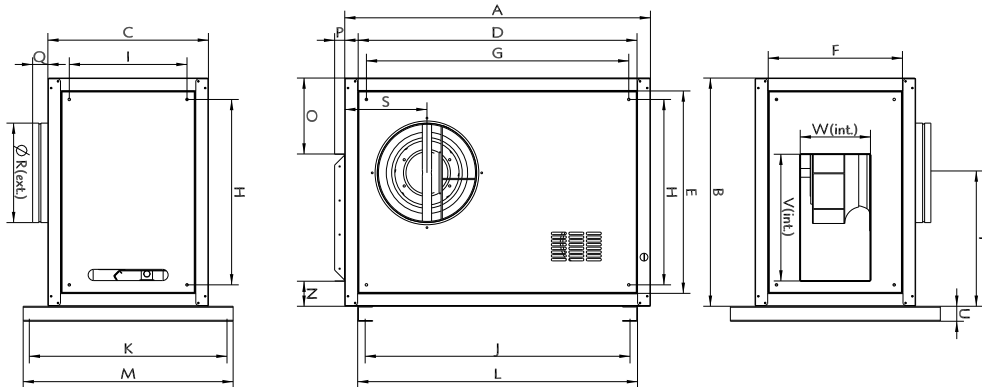
fan

RPM	1700/1500	approx. weight	125 kg	max flow	3850 m³/h
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motor

power	0.55 kW	motor rpm	1400	imax 230V	2.57 A
imax 400V	1.49 A	size	80	approx. weight	9 kg

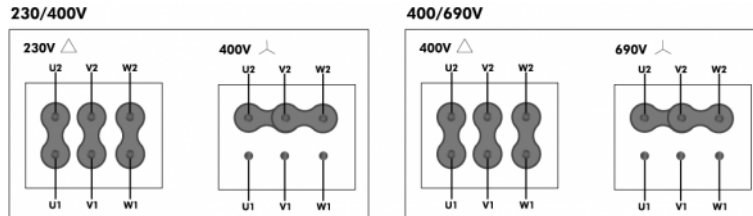
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1068	B	824	C	612	D	960,5	E	721
F	506	G	894,5	H	650,5	I	440	J	904,5
K	760	L	964,5	M	809	N	101	O	268
P	40,5	Q	60	S	345	T	421,9	U	60
V	453	W	253	ØR	353				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 35
REF: 960002053



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIRCASE PRESSURISATION KIT
Easy KPE SP 0,75kW
REF: 508800104



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 0,75kW
 REF: 508800344



FREQUENCY SPEED CONTROLLER
SFC M 0,75kW
 REF: 960002522



FREQUENCY SPEED CONTROLLER
SFC T 0,55kW
 REF: 960002526

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784500	1 x TURBINE	E_BSTB 355		
2	300784500SP03	1 x SHAFT	BSTB 355		
3	721001137	1 x MOTOR	0,55kW T4 B3 230/400V		
4	732010002	1 x PULLEY	SPZ100-2 (1610)	1600	
4	732011202	1 x PULLEY	SPZ112-2 (1610)	1600	
4	732012501	1 x PULLEY	SPZ125 -1 (1610)	1700	
4	732015001	1 x PULLEY	SPZ150-1 (1610)	1700	
5	244350110SP05	2 x BEARING	BSTB 355		

BOX BSTB 355 0,75kW (244350112)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

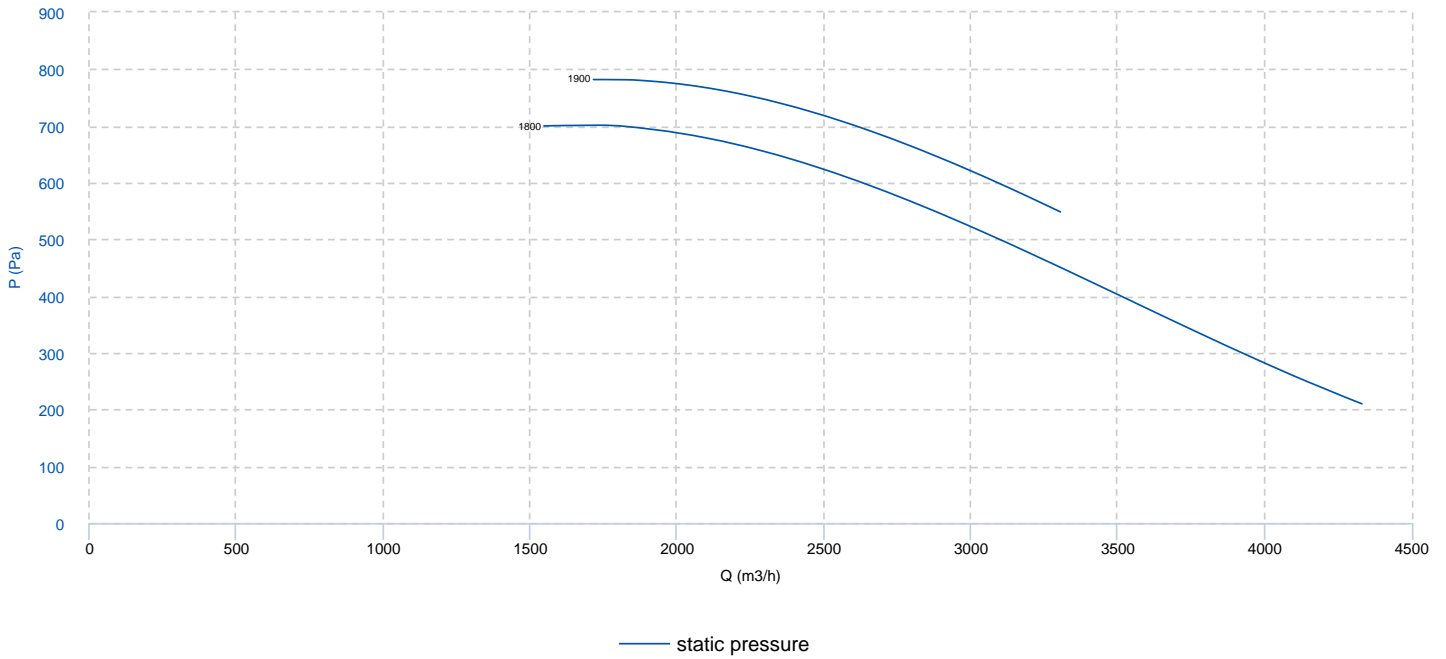
UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371



CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

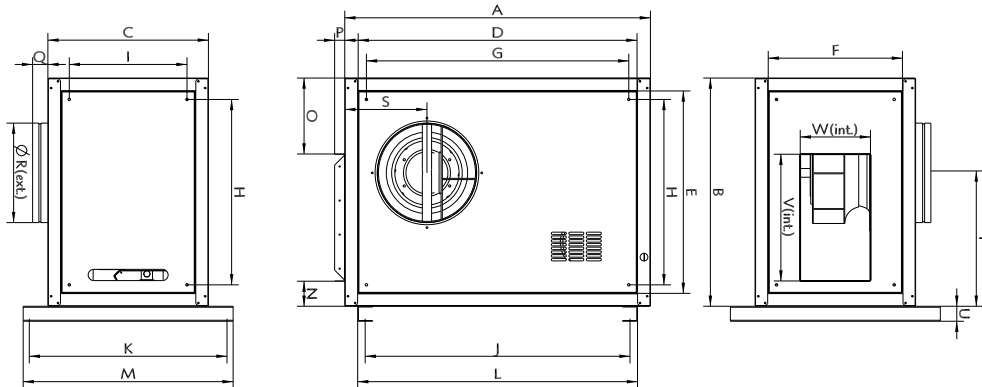
RPM	1900/1800	approx. weight	126 kg	max flow	4330 m³/h
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motor

power	0.75 kW	motor rpm	1390	imax 230V	3.5 A
imax 400V	2 A	size	80	approx. weight	9.5 kg
efficiency	80,5 %	FP	0,676		



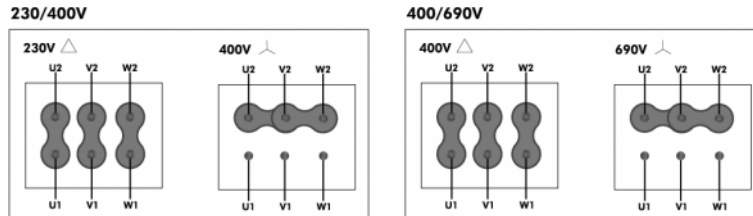
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1068	B	824	C	612	D	960,5	E	721
F	506	G	894,5	H	650,5	I	440	J	904,5
K	760	L	964,5	M	809	N	101	O	268
P	40,5	Q	60	S	345	T	421,9	U	60
V	453	W	253	ØR	353				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 35
REF: 960002053



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIRCASE PRESSURISATION KIT
Easy KPE SP 0,75kW
REF: 508800104



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 0,75kW
 REF: 508800344



FREQUENCY SPEED CONTROLLER
SFC M 0,75kW
 REF: 960002522



FREQUENCY SPEED CONTROLLER
SFC T 1,1kW
 REF: 960002528

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784500	1 x TURBINE	E_BSTB 355		
2	300784500SP03	1 x SHAFT	BSTB 355		
3	721001143	1 x MOTOR	0,75kW T4 B3 230/400V		
4	732011801	1 x PULLEY	SPZ118-1 (1610)	1800	
4	732015001	1 x PULLEY	SPZ150-1 (1610)	1800	
4	732011201	1 x PULLEY	SPZ112-1 (1610)	1900	
5	244350110SP05	2 x BEARING	BSTB 355		

BOX BSTB 355 1,1kW (244350113)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
 - Fan assembled on antivibration mountings.
 - Simple inlet backward curved impeller.
 - Supplied with motor, pulleys and belts.
 - Interchangeable panels to allow different fan positions.
 - Gland connection included.
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

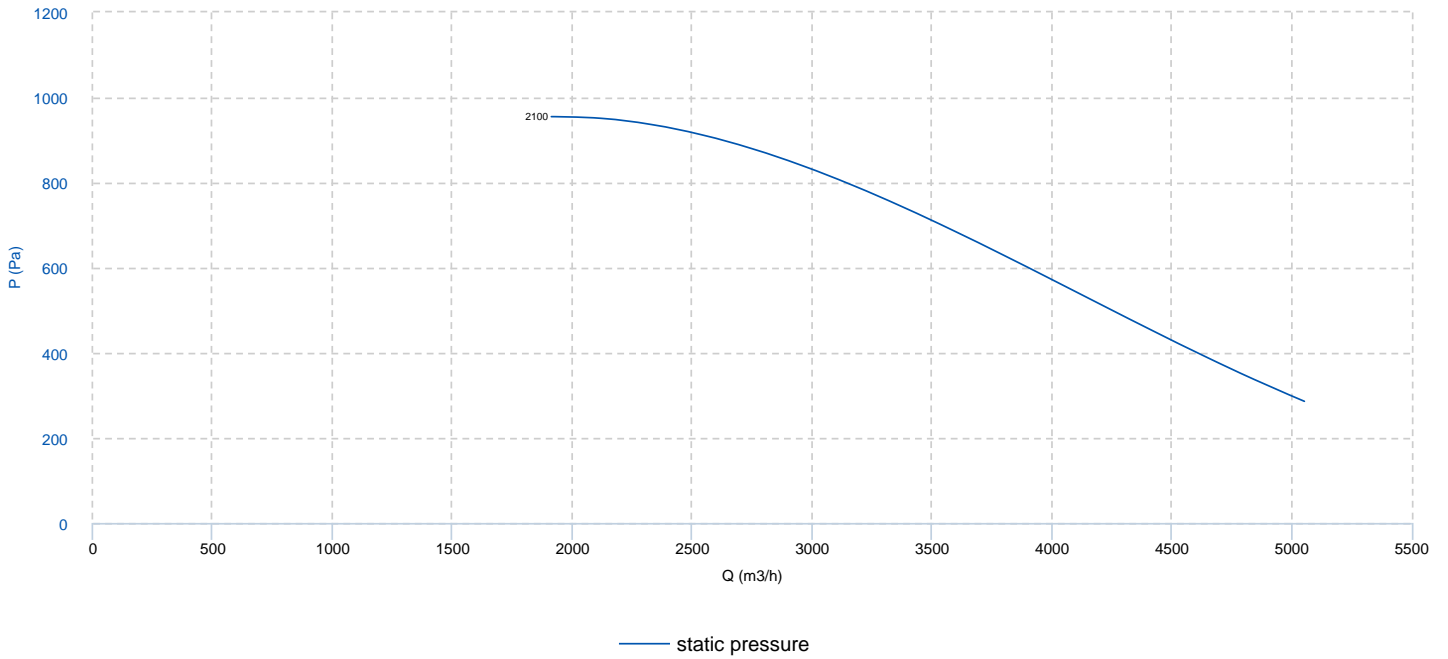
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

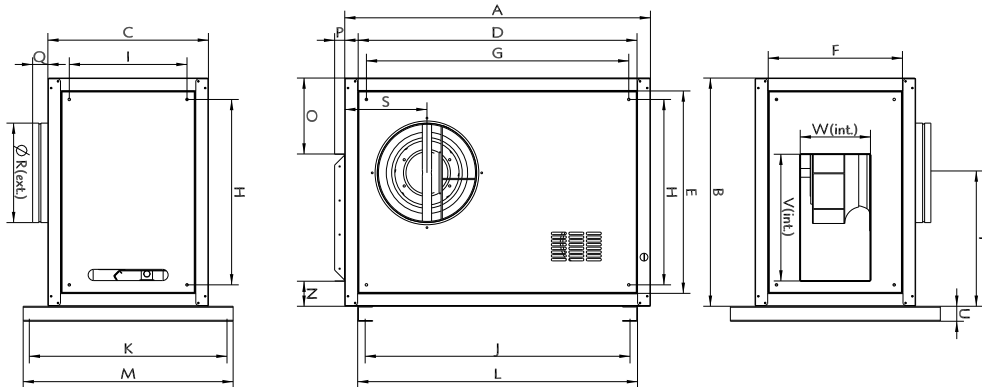
RPM	2100	approx. weight	128 kg	max flow	5050 m ³ /h
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motor

power	1.1 kW	motor rpm	1400	imax 230V	4.74 A
imax 400V	2.75 A	size	90S	approx. weight	15 kg



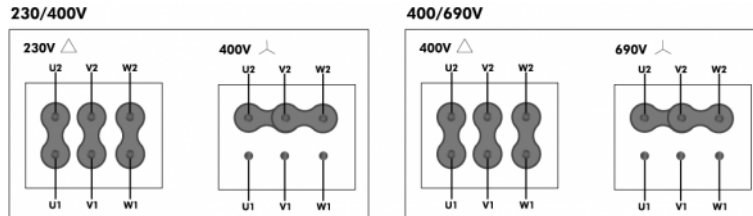
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1068	B	824	C	612	D	960,5	E	721
F	506	G	894,5	H	650,5	I	440	J	904,5
K	760	L	964,5	M	809	N	101	O	268
P	40,5	Q	60	S	345	T	421,9	U	60
V	453	W	253	ØR	353				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 35
REF: 960002053



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIRCASE PRESSURISATION KIT
Easy KPE SP 1,5kW
REF: 508800106



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 1,5kW
 REF: 508800346



FREQUENCY SPEED CONTROLLER
SFC M 1,1kW
 REF: 960002523



FREQUENCY SPEED CONTROLLER
SFC T 1,1kW
 REF: 960002528

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784500	1 x TURBINE	E_BSTB 355		
2	300784500SP03	1 x SHAFT	BSTB 355		
3	721001149	1 x MOTOR	1,1kW T4 B3 230/400V		
4	732009502	1 x PULLEY	SPZ95-2 (1610)	2100	
4	732014002	1 x PULLEY	SPZ140-2 (1610)	2100	
5	244350110SP05	2 x BEARING	BSTB 355		

BOX BSTB 355 1,5kW (244350114)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
 - Fan assembled on antivibration mountings.
 - Simple inlet backward curved impeller.
 - Supplied with motor, pulleys and belts.
 - Interchangeable panels to allow different fan positions.
 - Gland connection included.
 - Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation.
- Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

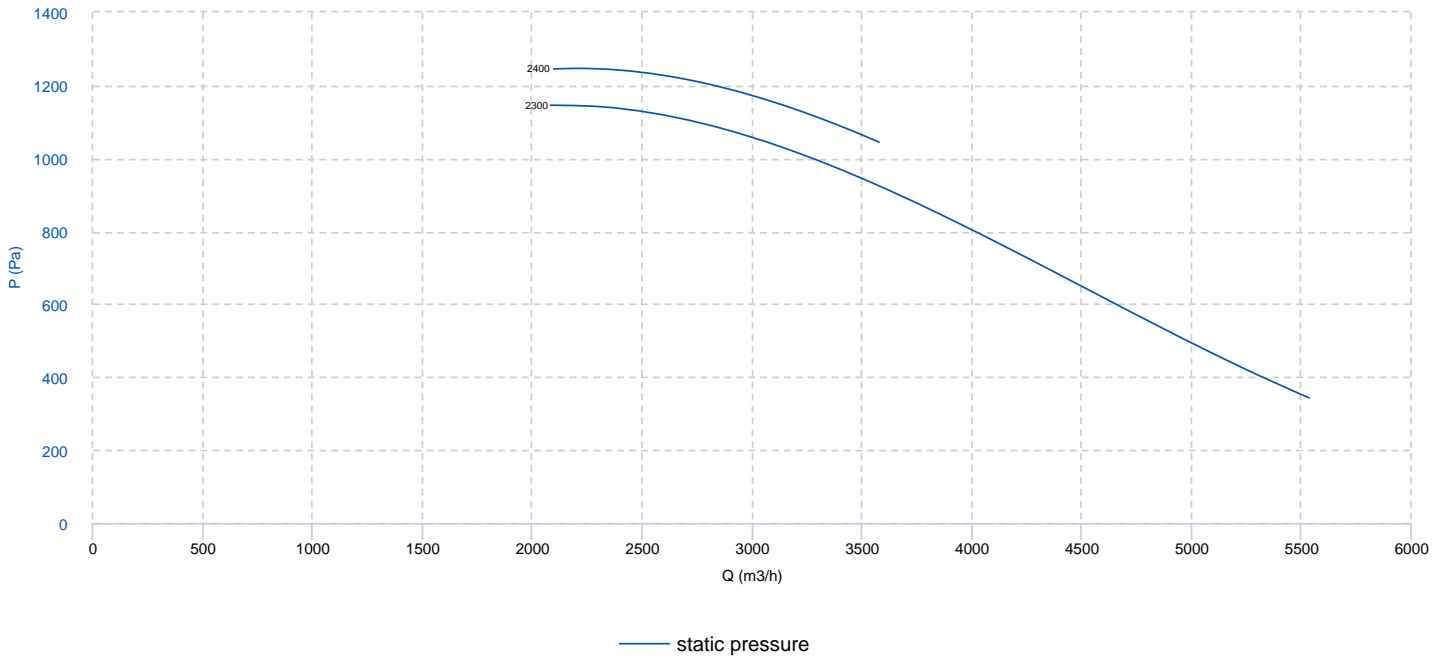
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

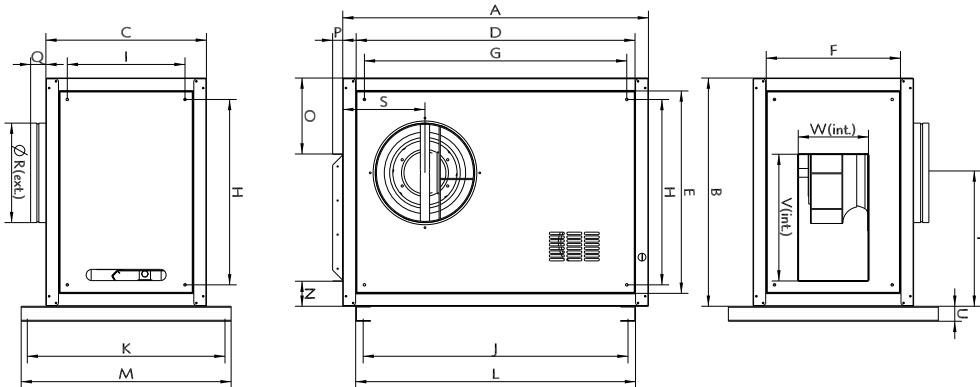
fan

RPM	2400/2300	approx. weight	131 kg	max flow	5530 m ³ /h
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motor

power	1.5 kW	motor rpm	1400	imax 230V	6.31 A
imax 400V	3.65 A	size	90L	approx. weight	16 kg

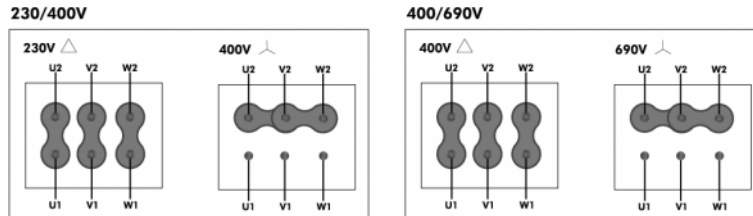
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1068	B	824	C	612	D	960,5	E	721
F	506	G	894,5	H	650,5	I	440	J	904,5
K	760	L	964,5	M	809	N	101	O	268
P	40,5	Q	60	S	345	T	421,9	U	60
V	453	W	253	ØR	353				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 35
REF: 960002053



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIRCASE PRESSURISATION KIT
Easy KPE SP 1,5kW
REF: 508800106



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 1,5kW
 REF: 508800346



FREQUENCY SPEED CONTROLLER
SFC M 2,2kW
 REF: 960002524



FREQUENCY SPEED CONTROLLER
SFC T 2,2kW
 REF: 960002529

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784500	1 x TURBINE	E_BSTB 355		
2	300784500SP03	1 x SHAFT	BSTB 355		
3	721001155	1 x MOTOR	1,5kW T4 B3 230/400V		
4	732011201	1 x PULLEY	SPZ112-1 (1610)	2300	
4	732018001	1 x PULLEY	SPZ180-1 (1610)	2300	
4	732009502	1 x PULLEY	SPZ95-2 (1610)	2400	
4	732016002	1 x PULLEY	SPZ160-2 (2012)	2400	
5	244350110SP05	2 x BEARING	BSTB 355		

BOX BSTB 355 2,2kW (244350115)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

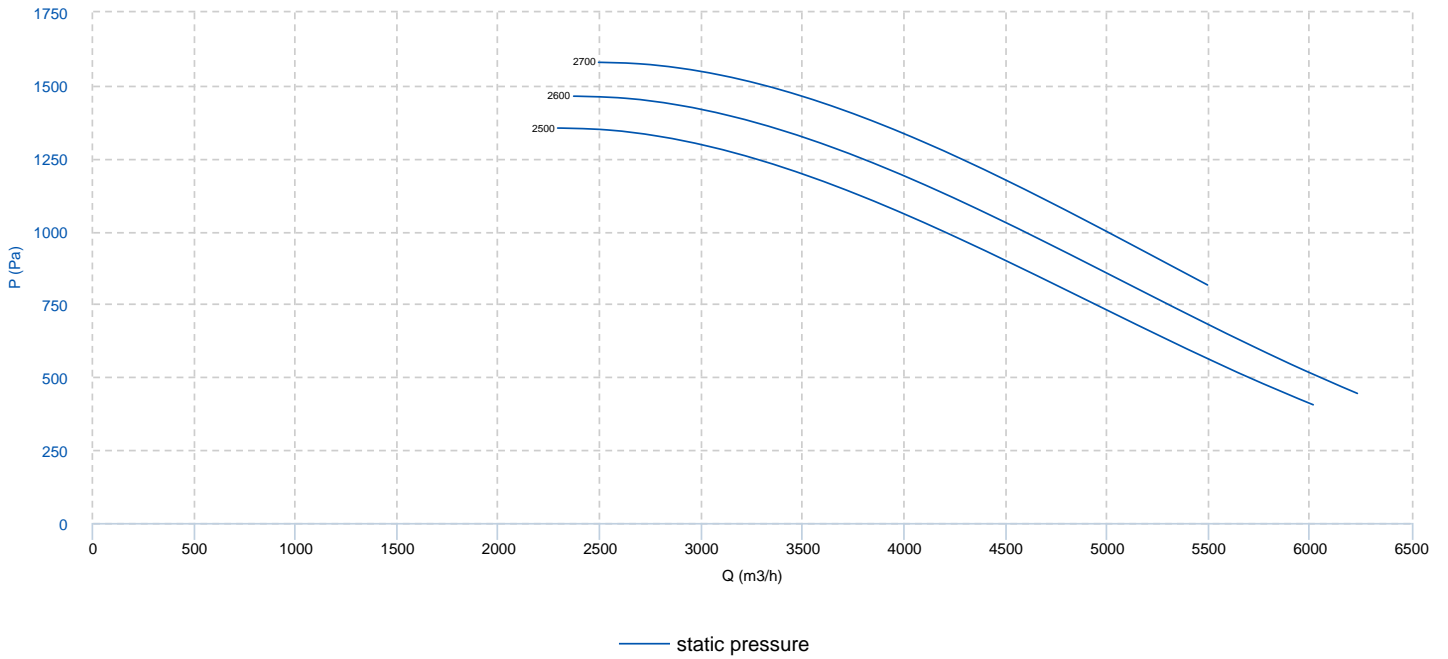
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

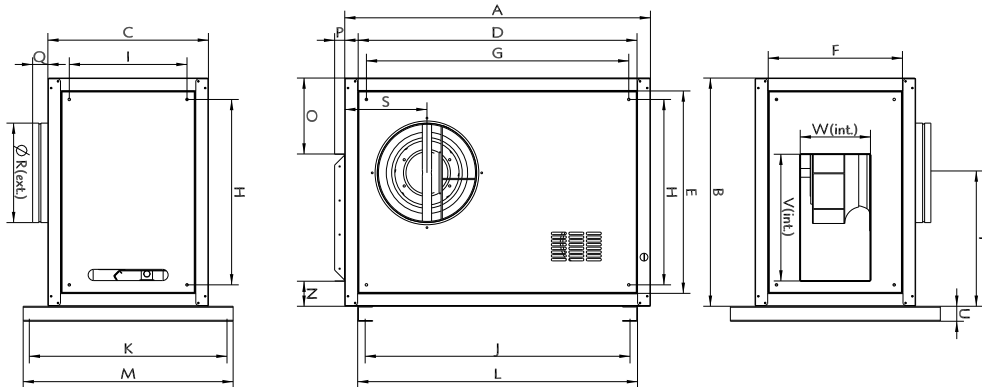
fan

RPM	2600/2500	approx. weight	137 kg	max flow	6230 m ³ /h
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motor

power	2.2 kW	motor rpm	1430	imax 230V	8.06 A
imax 400V	5 A	size	100L	approx. weight	23 kg

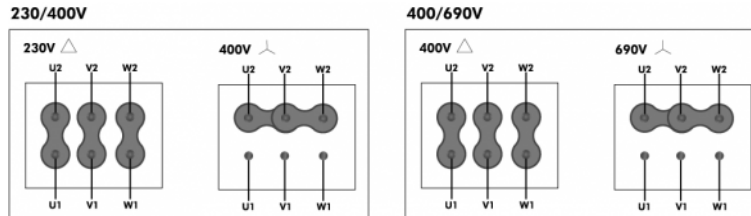
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1068	B	824	C	612	D	960,5	E	721
F	506	G	894,5	H	650,5	I	440	J	904,5
K	760	L	964,5	M	809	N	101	O	268
P	40,5	Q	60	S	345	T	421,9	U	60
V	453	W	253	ØR	353				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 35
REF: 960002053



FLEXIBLE JOINT
JE 45
REF: 300719201



FRECUENCY SPEED CONTROLLER
SFC M 2,2kW
REF: 960002524



FREQUENCY SPEED CONTROLLER
SFC T 2,2kW
REF: 960002529

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784500	1 x TURBINE	E_BSTB 355		
2	300784500SP03	1 x SHAFT	BSTB 355		
3	721001161	1 x MOTOR	2,2kW T4 B3 230/400V		
4	732009002	1 x PULLEY	SPZ90-2 (1610)	2500	
4	732016002	1 x PULLEY	SPZ160-2 (2012)	2500	
4	732010002	1 x PULLEY	SPZ100-2 (1610)	2600	
4	732009502	1 x PULLEY	SPZ95-2 (1610)	2700	
4	732018002	1 x PULLEY	POLEA SPZ180-2 (2012)	2700	
5	244350110SP05	2 x BEARING	BSTB 355		



BOX BSTB 355 3kW (244350116)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

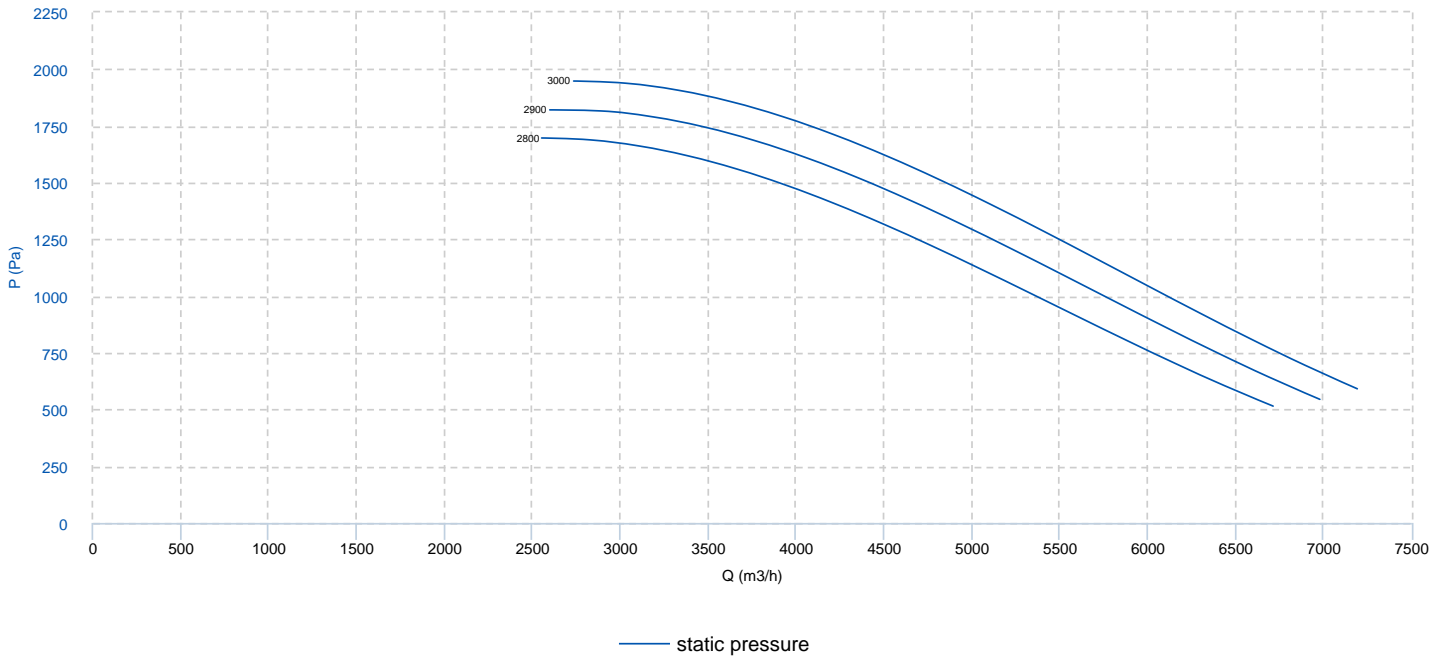
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

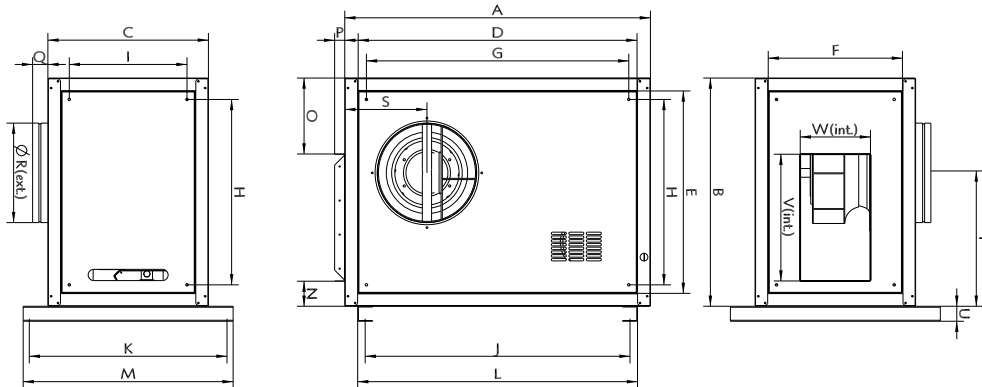
RPM	2900/2800	approx. weight	141 kg	max flow	7190 m ³ /h
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motor

power	3 kW	motor rpm	1430	imax 230V	11.7 A
imax 400V	6.8 A	size	100L	approx. weight	27 kg



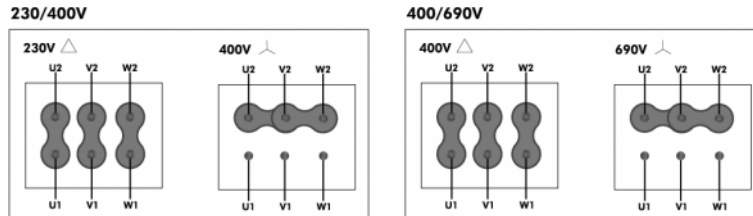
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1068	B	824	C	612	D	960,5	E	721
F	506	G	894,5	H	650,5	I	440	J	904,5
K	760	L	964,5	M	809	N	101	O	268
P	40,5	Q	60	S	345	T	421,9	U	60
V	453	W	253	ØR	353				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 35
REF: 960002053



FLEXIBLE JOINT
JE 45
REF: 300719201



FRECUENCY SPEED CONTROLLER
SFC T 3kW
REF: 960002530

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784500	1 x TURBINE	E_BSTB 355		
2	300784500SP03	1 x SHAFT	BSTB 355		
3	721001168	1 x MOTOR	3KW T4 B3 230/400V		
4	732010002	1 x PULLEY	SPZ100-2 (1610)	2800	
4	732020002	1 x PULLEY	SPZ200-2 (2012)	2800	
4	732011201	1 x PULLEY	SPZ112-1 (1610)	2900	
4	732008502	1 x PULLEY	SPZ85-2 (1610)	3000	
4	732018002	1 x PULLEY	POLEA SPZ180-2 (2012)	3000	
5	244350110SP05	2 x BEARING	BSTB 355		

BOX BSTB 400 0,55kW (244400110)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

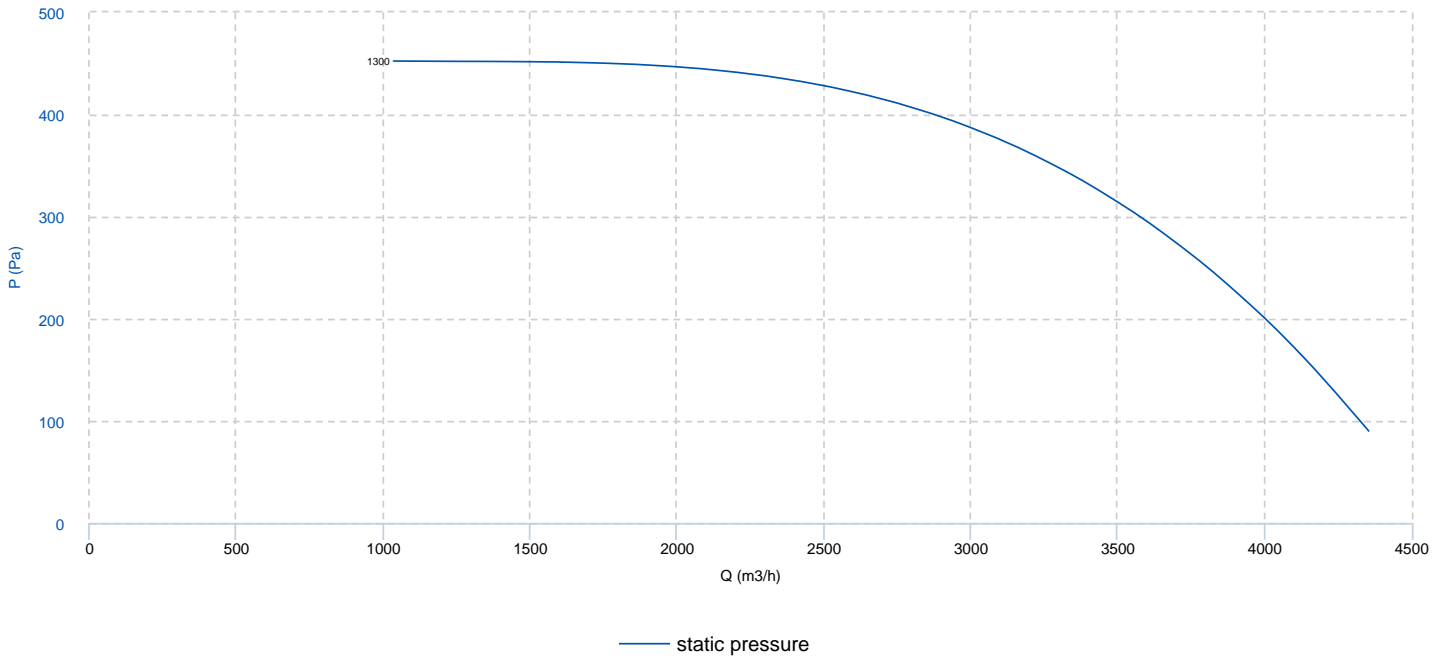
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

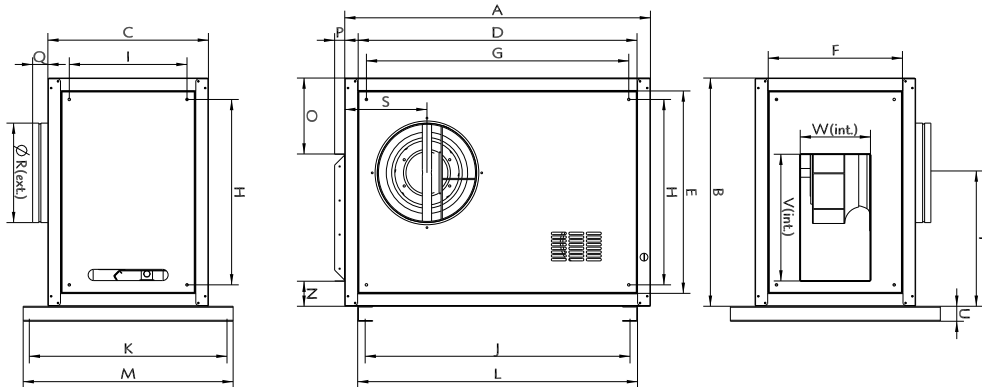
fan

RPM	1300	approx. weight	161 kg	max flow	4350 m³/h
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motor

power	0.55 kW	motor rpm	1400	imax 230V	2.57 A
imax 400V	1.49 A	size	80	approx. weight	9 kg

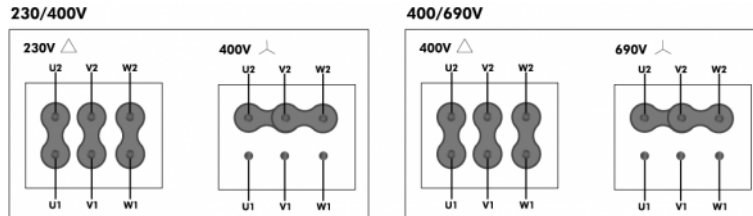
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1223	B	913	C	642	D	1117	E	809
F	536	G	1049,5	H	741,5	I	471	J	1059,5
K	791	L	1119,5	M	840	N	100	O	304
P	40,5	Q	60	S	380	T	464,8	U	60
V	507	W	281	ØR	398				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 40
REF: 960002054



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIRCASE PRESSURISATION KIT
Easy KPE SP 0,75kW
REF: 508800104



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 0,75kW
 REF: 508800344



FREQUENCY SPEED CONTROLLER
SFC M 0,75kW
 REF: 960002522



FREQUENCY SPEED CONTROLLER
SFC T 0,55kW
 REF: 960002526

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784600	1 x TURBINE	E_BSTB 400		
2	300784600SP03	1 x SHAFT	BSTB 400		
3	721001137	1 x MOTOR	0,55kW T4 B3 230/400V		
4	732011201	1 x PULLEY	SPZ112-1 (1610)	1300	
4	732012501	1 x PULLEY	SPZ125 -1 (1610)	1300	
5	244400110SP05	2 x BEARING	BSTB 400		

BOX BSTB 400 0,75kW (244400111)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

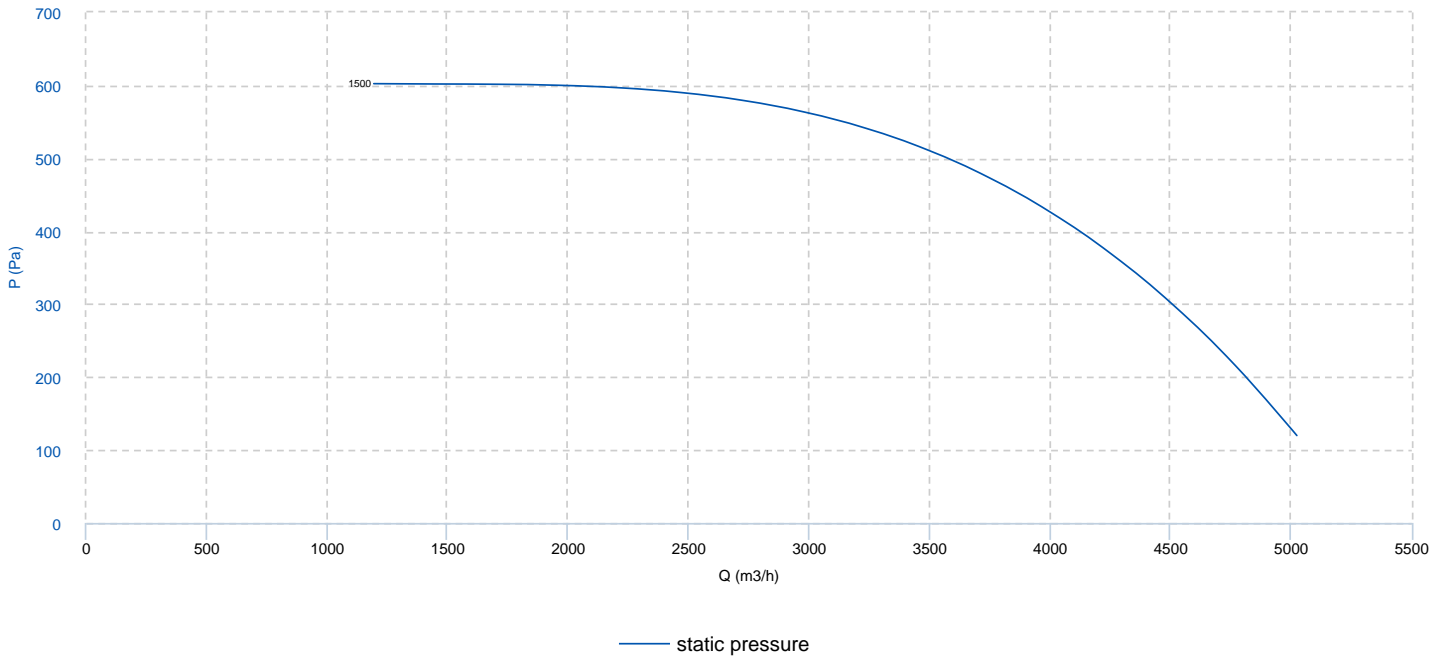
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

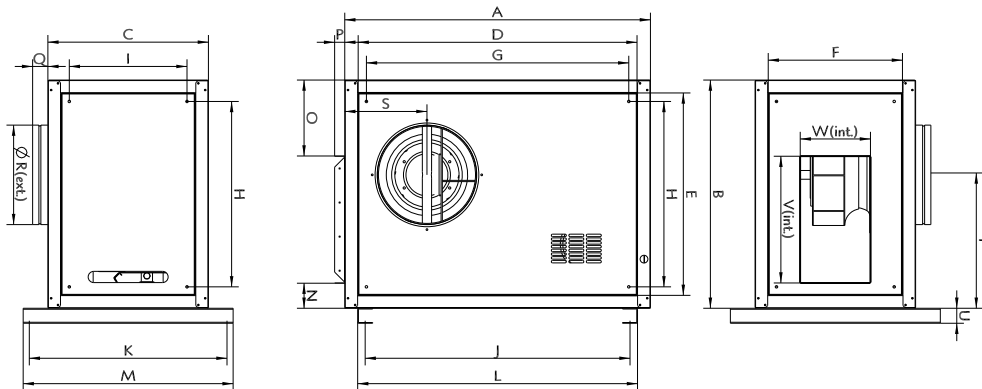
fan

RPM	1500	approx. weight	162 kg	max flow	5020 m³/h
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motor

power	0.75 kW	motor rpm	1390	imax 230V	3.5 A
imax 400V	2 A	size	80	approx. weight	9.5 kg
efficiency	80,5 %	FP	0,676		

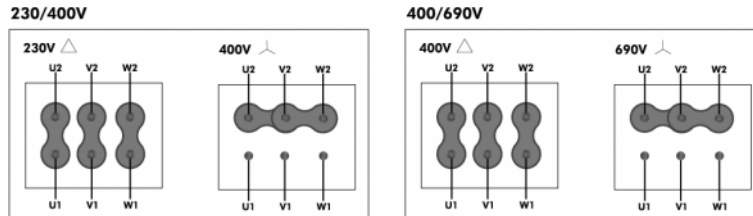
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1223	B	913	C	642	D	1117	E	809
F	536	G	1049,5	H	741,5	I	471	J	1059,5
K	791	L	1119,5	M	840	N	100	O	304
P	40,5	Q	60	S	380	T	464,8	U	60
V	507	W	281	ØR	398				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 40
REF: 960002054



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIRCASE PRESSURISATION KIT
Easy KPE SP 0,75kW
REF: 508800104



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 0,75kW
 REF: 508800344



FREQUENCY SPEED CONTROLLER
SFC M 0,75kW
 REF: 960002522



FREQUENCY SPEED CONTROLLER
SFC T 1,1kW
 REF: 960002528

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784600	1 x TURBINE	E_BSTB 400		
2	300784600SP03	1 x SHAFT	BSTB 400		
3	721001143	1 x MOTOR	0,75kW T4 B3 230/400V		
4	732011201	1 x PULLEY	SPZ112-1 (1610)	1500	
4	732011801	1 x PULLEY	SPZ118-1 (1610)	1500	
5	244400110SP05	2 x BEARING	BSTB 400		

BOX BSTB 400 1,1kW (244400112)

GENERAL DATA



BOX FAN WITH BACKWARD IMPELLER AND BELT TRANSMISSION - F400-120

MANUFACTURING FEATURES:

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

APPLICATIONS:

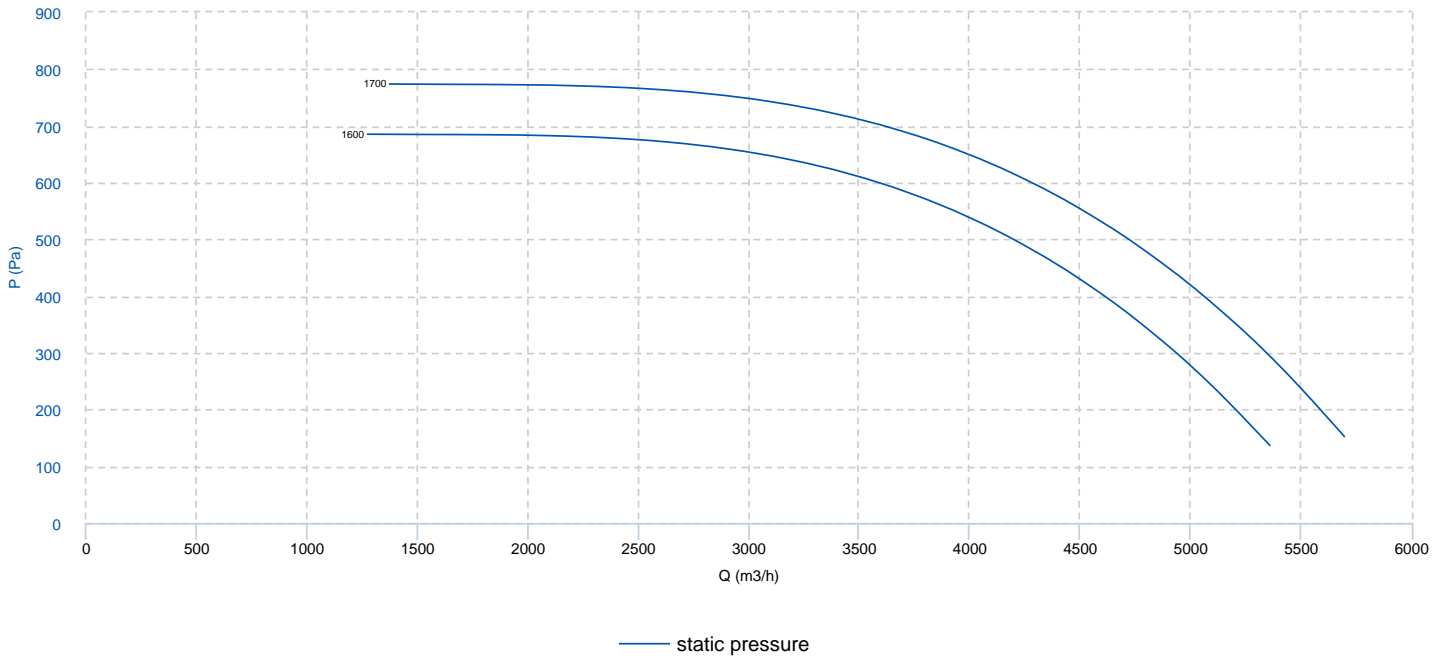
- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
 - Industrial and professional kitchen hoods.
 - Maximum working temperature: carried air: 130°C, ambient: 60°C.

UNDER REQUEST:

- 2 speed motors.
- Orientation:
 - LG90 (horizontal).
 - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.

Official homologation by the European laboratory APPLUS according to EN 12101-3:2002, EN 12101-3:2002/AC:2005
Certification Nr: 0370-CPD-1371

CHARACTERISCTIC CURVE



TECHNICAL DATA

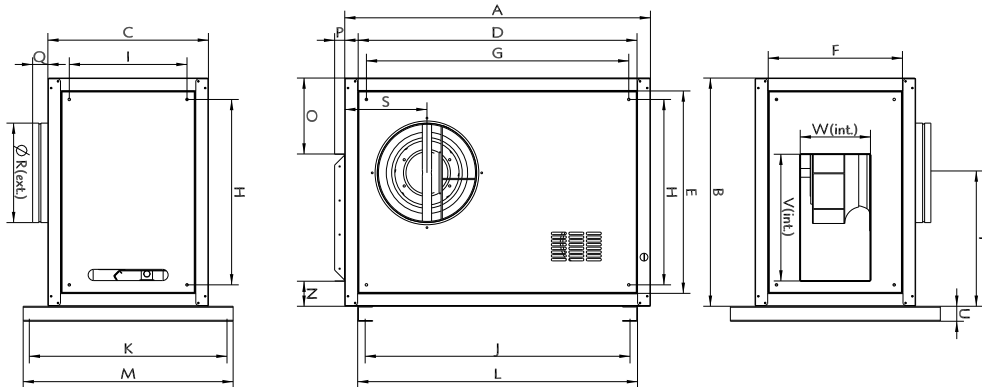
fan

RPM	1700/1600	approx. weight	164 kg	max flow	5700 m³/h
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motor

power	1.1 kW	motor rpm	1400	imax 230V	4.74 A
imax 400V	2.75 A	size	90S	approx. weight	15 kg

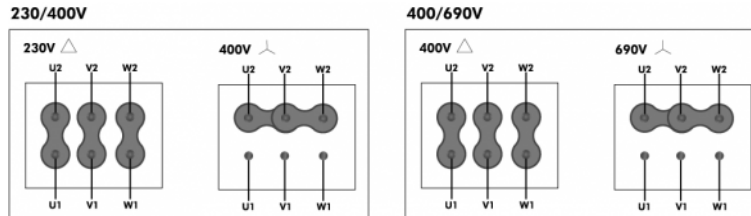
DIMENSIONS DIAGRAM



Dimensions (mm)

A	1223	B	913	C	642	D	1117	E	809
F	536	G	1049,5	H	741,5	I	471	J	1059,5
K	791	L	1119,5	M	840	N	100	O	304
P	40,5	Q	60	S	380	T	464,8	U	60
V	507	W	281	ØR	398				

WIRING DIAGRAM



ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



FLEXIBLE FLANGE 400°C/2H
BA-400 40
REF: 960002054



FLEXIBLE JOINT
JE 45
REF: 300719201



COMPACT STAIKASE PRESSURISATION KIT
Easy KPE SP 1,5kW
REF: 508800106



COMPACT STAICASE PRESSURISATION KIT
Easy KPE TP 1,5kW
 REF: 508800346



FREQUENCY SPEED CONTROLLER
SFC M 1,1kW
 REF: 960002523



FREQUENCY SPEED CONTROLLER
SFC T 1,1kW
 REF: 960002528

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	T00784600	1 x TURBINE	E_BSTB 400		
2	300784600SP03	1 x SHAFT	BSTB 400		
3	721001149	1 x MOTOR	1,1kW T4 B3 230/400V		
4	732011201	1 x PULLEY	SPZ112-1 (1610)	1600	
4	732012501	1 x PULLEY	SPZ125 -1 (1610)	1700	
4	732015001	1 x PULLEY	SPZ150-1 (1610)	1700	
5	244400110SP05	2 x BEARING	BSTB 400		