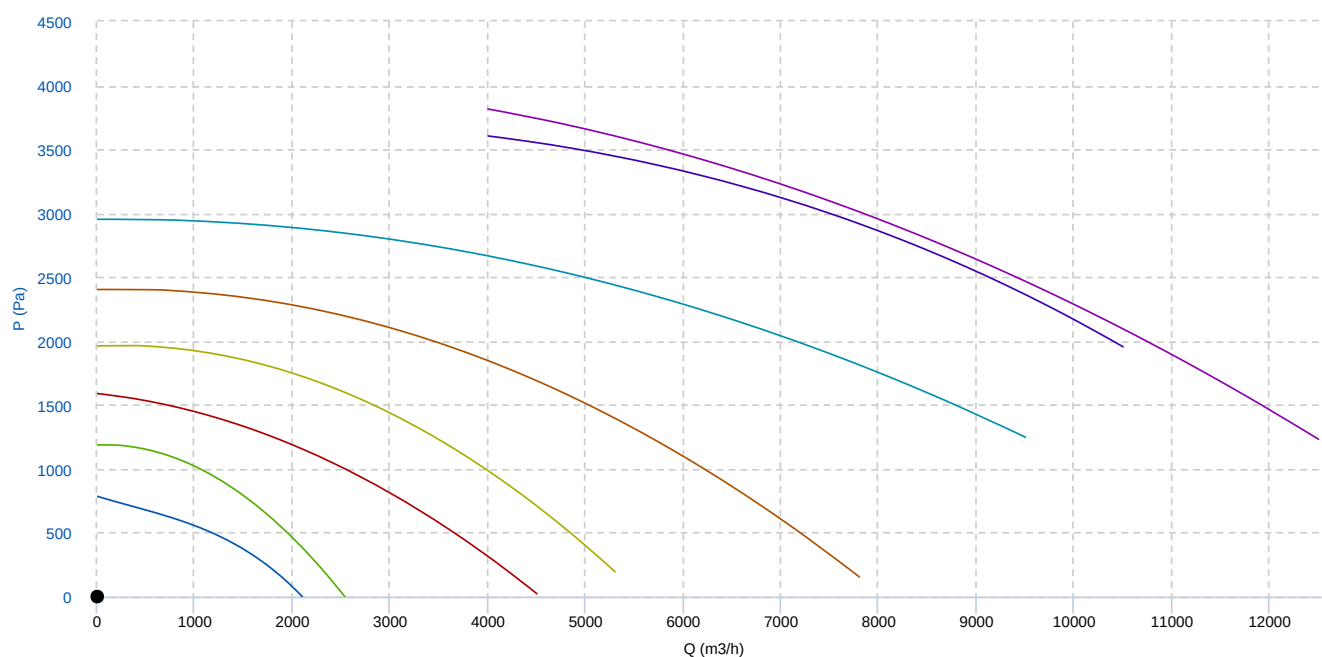


COMPARISON



Design point

Q (m³/h)	0
P (Pa)	0

comparative summary

model	Q (m³/h)	Ps (Pa)	Pt (Pa)	P _{abs} (kW)	P _{recom} (kW)	Efficiency (%)
MB 22/9 T2 1,1kW P/R (253210160)	-	-	-	-	-	-
MB 25/10 T2 1,5kW P/R (253280160)	-	-	-	-	-	-
MB 28/11 T2 2,2kW P/R (253360161)	-	-	-	-	-	-
MB 31/12 T2 3kW P/R (253450160)	-	-	-	-	-	-
MB 35/14 T2 5,5kW P/R (253480161)	-	-	-	-	-	-
MB 40/16 T2 7,5kW P/R (253510160)	-	-	-	-	-	-
MB 45/18 T2 11kW P/R (253530160)	-	-	-	-	-	-
MB 45/18 T2 15kW P/R (253530161)	-	-	-	-	-	-

MB 22/9 T2 1,1kW P/R (253210160)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

APPLICATIONS:

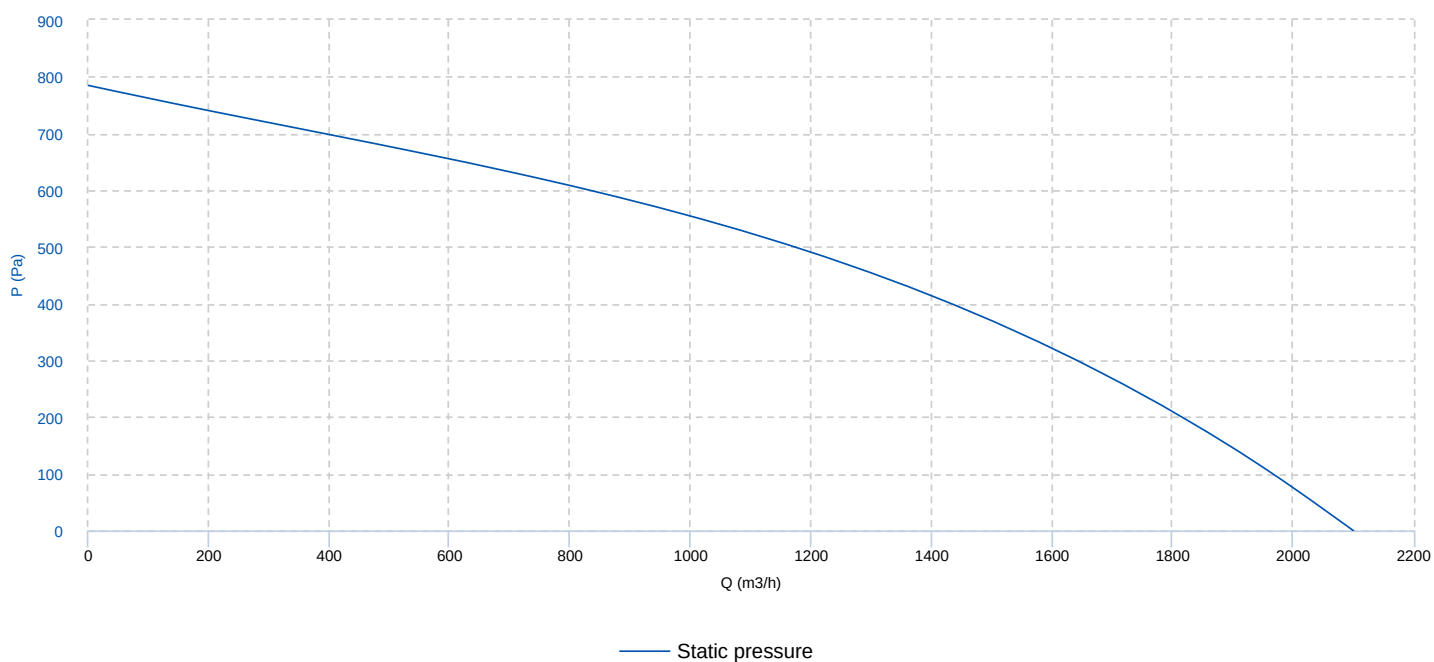
Designed for inline installation, they are suitable for:

- Solid material transport (except for textile fibers).
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	2800
-----	------

approx. weight	23 kg
----------------	-------

max flow	2100 m³/h
----------	-----------

motor

power	1.1 kW
-------	--------

motor rpm	2800
-----------	------

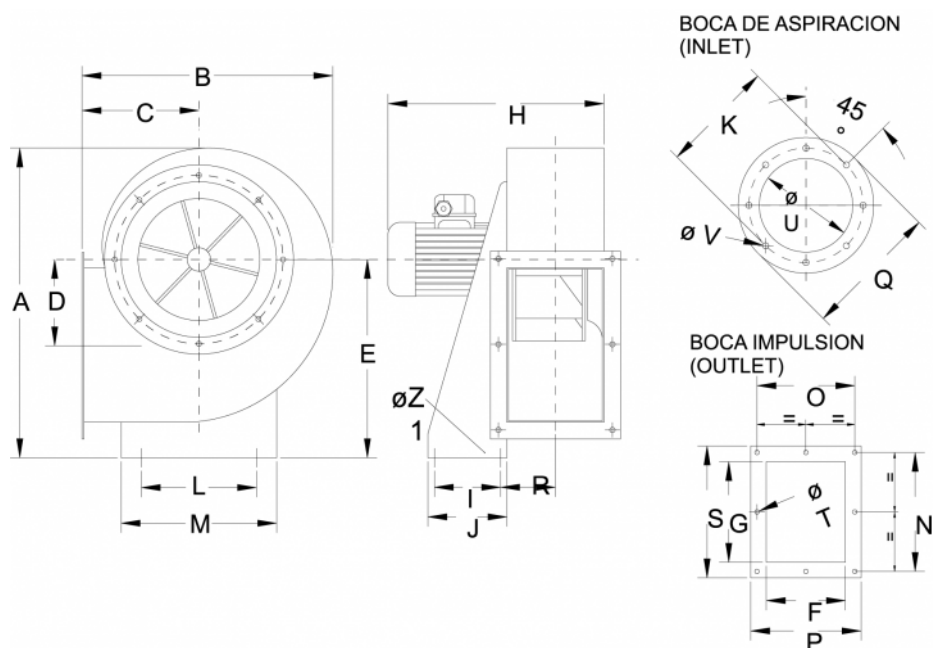
imax 230V	4.42 A
-----------	--------

imax 400V	2.55 A
-----------	--------

size	80
------	----

approx. weight	11 kg
----------------	-------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	447
F	140
K	256
P	204
UØ	180

B	382
G	216
L	220
Q	280
VØ	9

C	181
H	402
M	290
R	102
Z1Ø	11

D	134
I	50
N	256
S	282

E	280
J	110
O	280
TØ	9

ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



OUTLET FLANGE
EI 22/9
REF: 962220111





CONNECTIONFLANGE
AC 225
REF: 960003207



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



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



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



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

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	253219361	1 x TURBINE	225x92x19 P/R MB22		
2	253201681	1 x INLET CONE	MB-MZ22/9		
3	721001041	1 x MOTOR	1,1KW T2 B5 230/400V		



MB 25/10 T2 1,5kW P/R (253280160)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

APPLICATIONS:

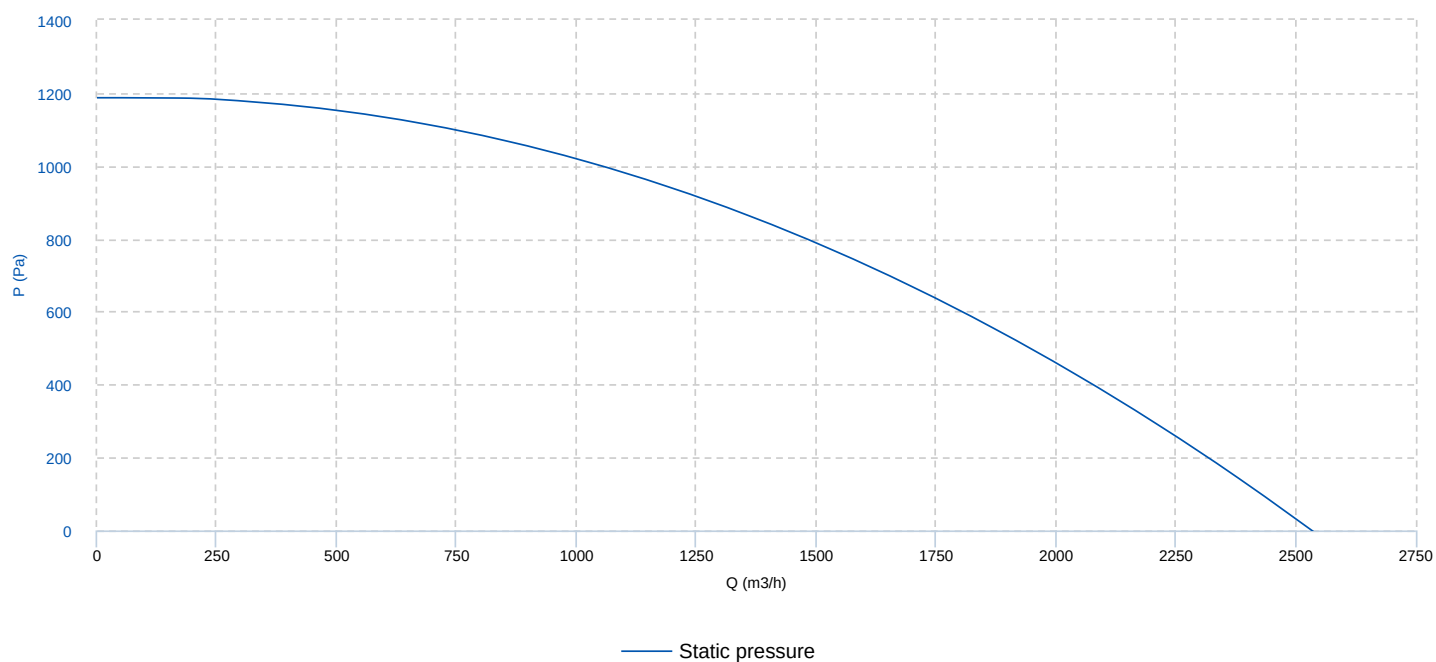
Designed for inline installation, they are suitable for:

- Solid material transport (except for textile fibers).
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

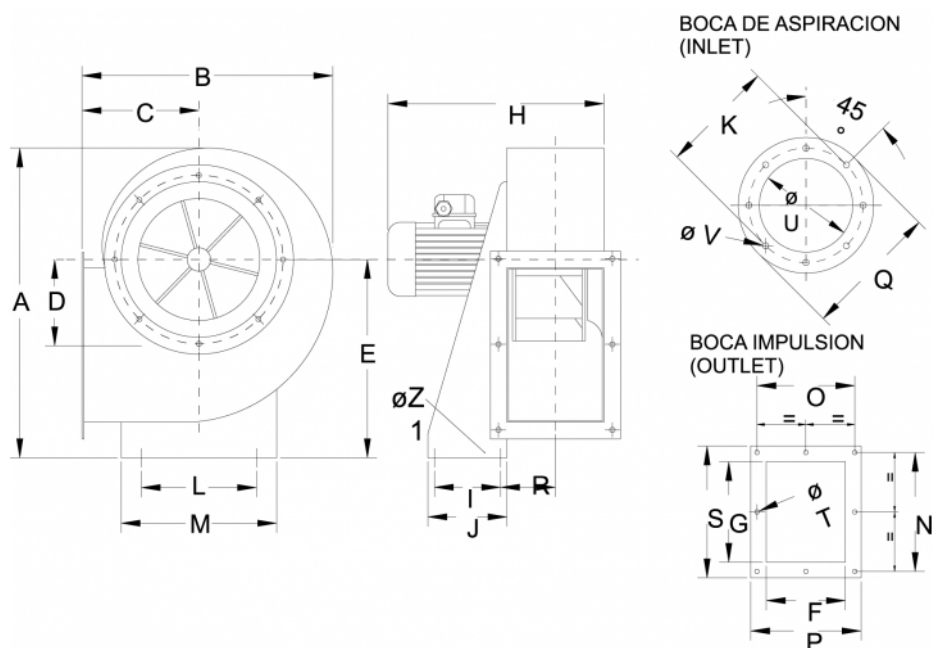
fan

RPM	2800	approx. weight	31 kg	max flow	2550 m³/h
-----	------	----------------	-------	----------	-----------

motor

power	1.5 kW	motor rpm	2800	imax 230V	6.01 A
imax 400V	3.48 A	size	90S	approx. weight	15 kg

DIMENSIONS DIAGRAM



Dimensions (mm)

A	496	B	420	C	197	D	142	E	310
F	165	G	254	H	437	I	74	J	134
K	282	L	228	M	315	N	290	O	205
P	229	Q	306	R	1145	S	314	TØ	9
UØ	203	VØ	9	Z1Ø	13				

ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



OUTLET FLANGE
EI 25/10
REF: 962250111





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



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



CONNECTION FLANGE
AC 250
REF: 960003208



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	253289361	1 x TURBINE	250x102x24 P/R MB25		
2	253281681	1 x INLET CONE	MB-MBC-MZ25/10		
3	721001047	1 x MOTOR	1,5kW T2 B5 230/400V		



MB 28/11 T2 2,2kW P/R (253360161)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

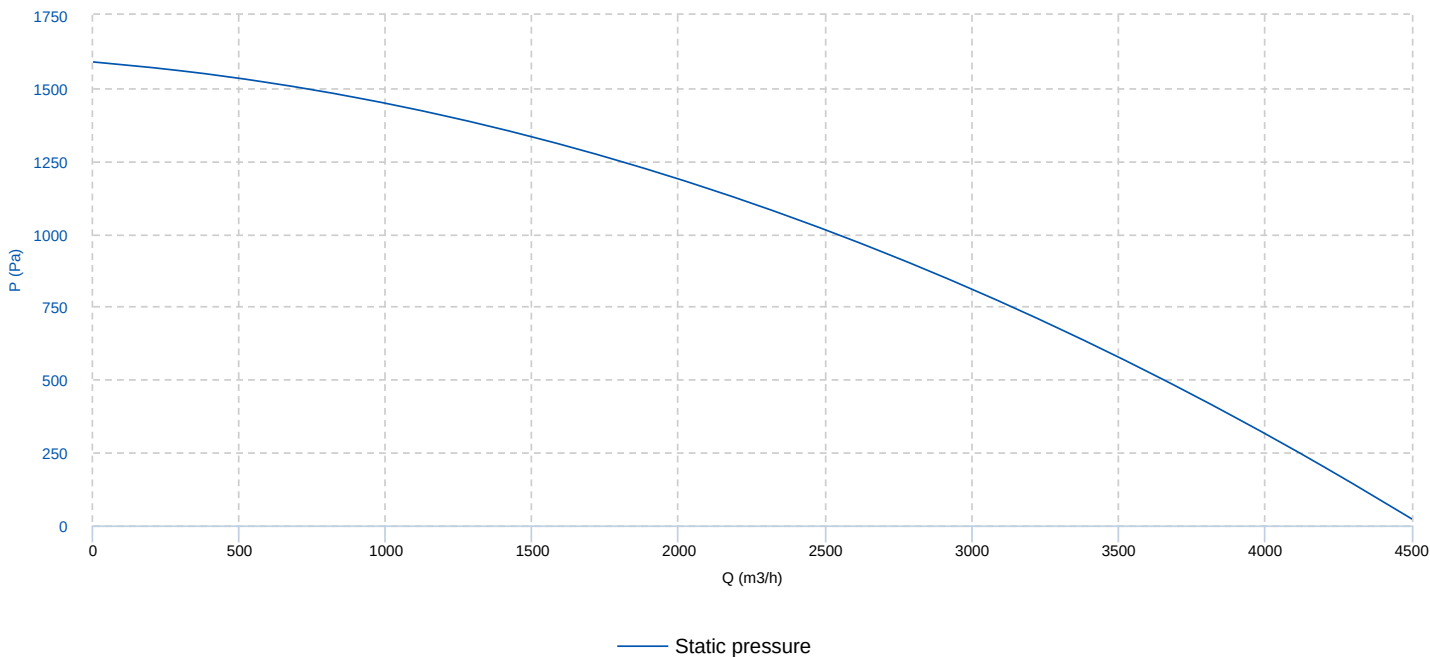
APPLICATIONS:

- Designed for inline installation, they are suitable for:
- Solid material transport (except for textile fibers).
 - Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

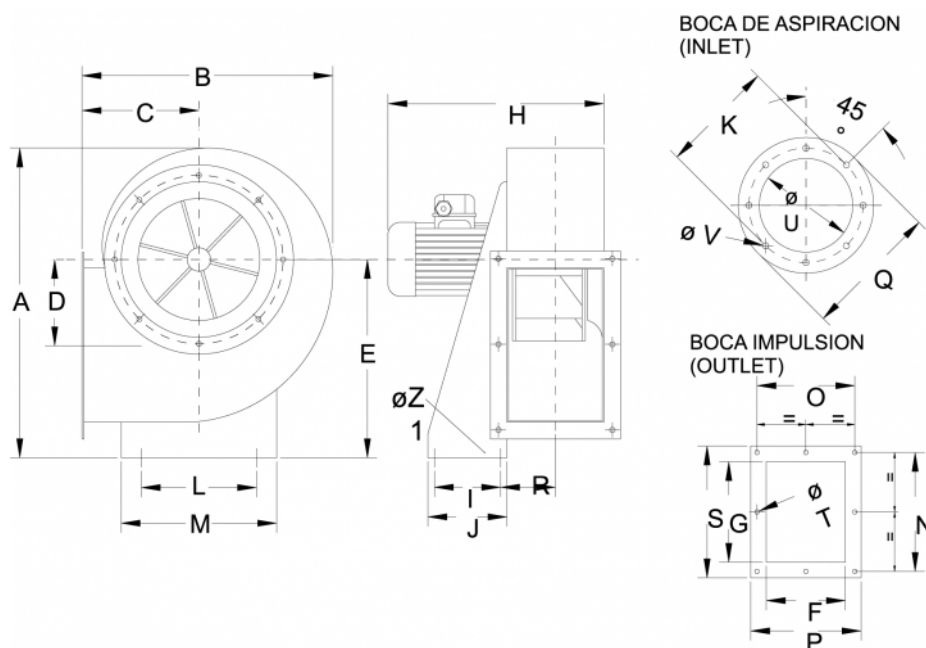
fan

RPM	2800	approx. weight	40 kg	max flow	4500 m³/h
-----	------	----------------	-------	----------	-----------

motor

power	2.2 kW	motor rpm	2800	imax 230V	8.61 A
imax 400V	4.98 A	size	90L	approx. weight	17 kg

DIMENSIONS DIAGRAM



Dimensions (mm)

A	549	B	468	C	216	D	154	E	340
F	180	G	300	H	477	I	95	J	144
K	320	L	245	M	350	N	340	O	220
P	244	Q	348	R	1115	S	364	TØ	9
UØ	228	VØ	9	Z1Ø	13				

ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



OUTLET FLANGE
EI 28/11
REF: 962280111





CONNECTIONFLANGE
AC 300
REF: 960003209



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



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

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	253369361	1 x TURBINE	280x114x24 P/R MB28		
2	253361681	1 x INLET CONE	MB-MBC-MZ28/11		
3	721001052	1 x MOTOR	2,2kW T2 B14 230/400V		



MB 31/12 T2 3kW P/R (253450160)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

APPLICATIONS:

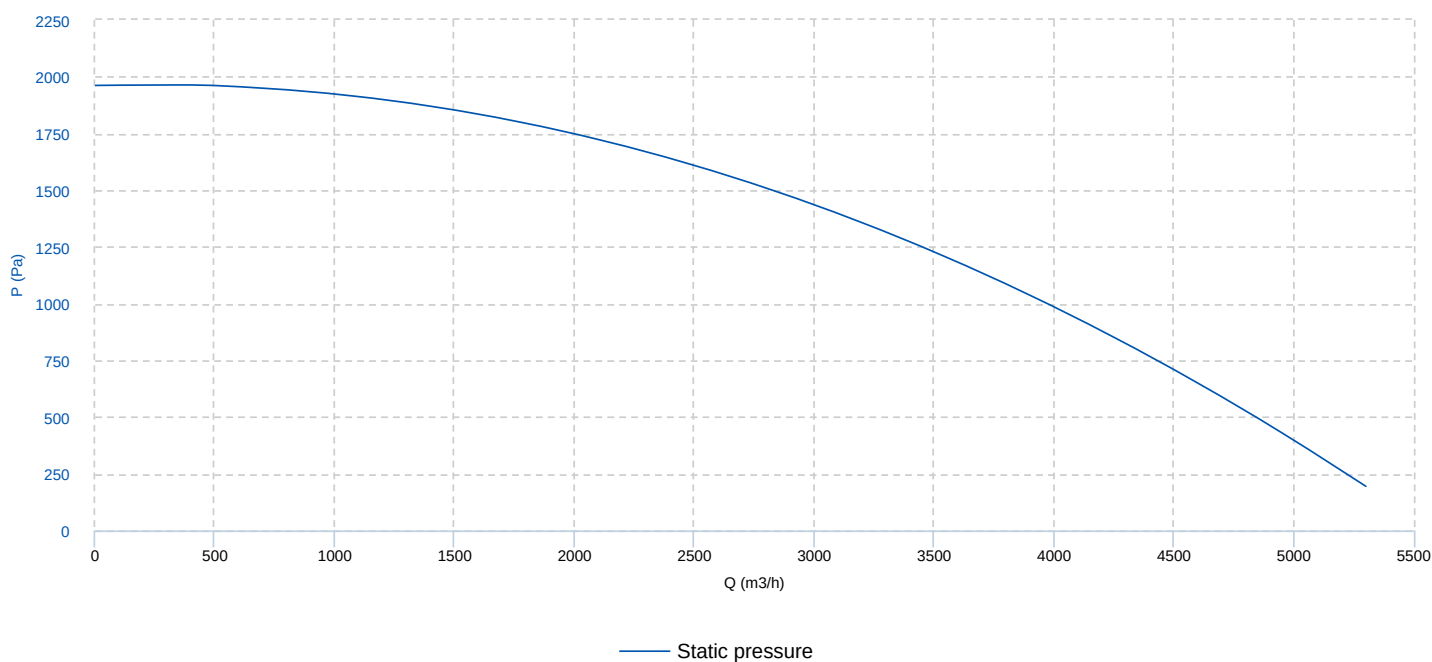
Designed for inline installation, they are suitable for:

- Solid material transport (except for textile fibers).
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	2870
-----	------

approx. weight	55 kg
----------------	-------

max flow	5300 m³/h
----------	-----------

motor

power	3 kW
-------	------

motor rpm	2870
-----------	------

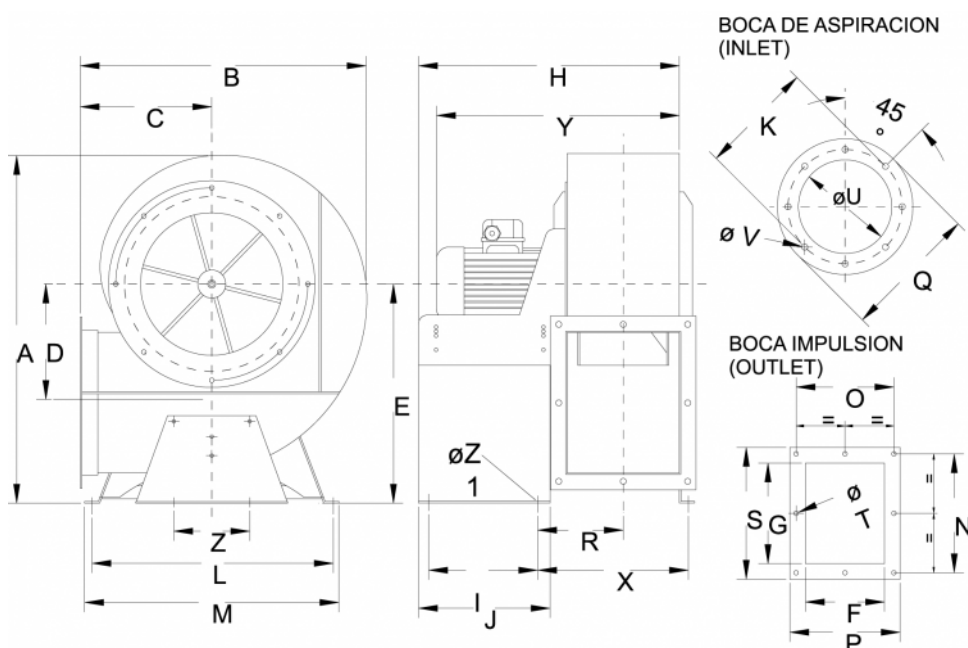
imax 230V	11.1 A
-----------	--------

imax 400V	6.4 A
-----------	-------

size	100L
------	------

approx. weight	25 kg
----------------	-------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	640
F	198
K	354,5
P	274
UØ	257
Z1Ø	13

B	531
G	319
L	457
Q	382
VØ	11

C	249
H	538
M	482
R	171
X	0

D	180
I	240
N	360
S	395
Y	533

E	406
J	290
O	240
TØ	11
Z	0

ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



OUTLET FLANGE
EI 31/12
REF: 962310111





CONNECTIONFLANGE
AC 300
REF: 960003209



FREQUENCY SPEED CONTROLLER
SFC T 3kW
REF: 960002530

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	253459361	1 x TURBINE	315x128x28 P/R MB31		
2	253451681	1 x INLET CONE	MB-MBC-MZ31/12		
3	721001059	1 x MOTOR	3KW T2 B3 230/400V		



MB 35/14 T2 5,5kW P/R (253480161)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

APPLICATIONS:

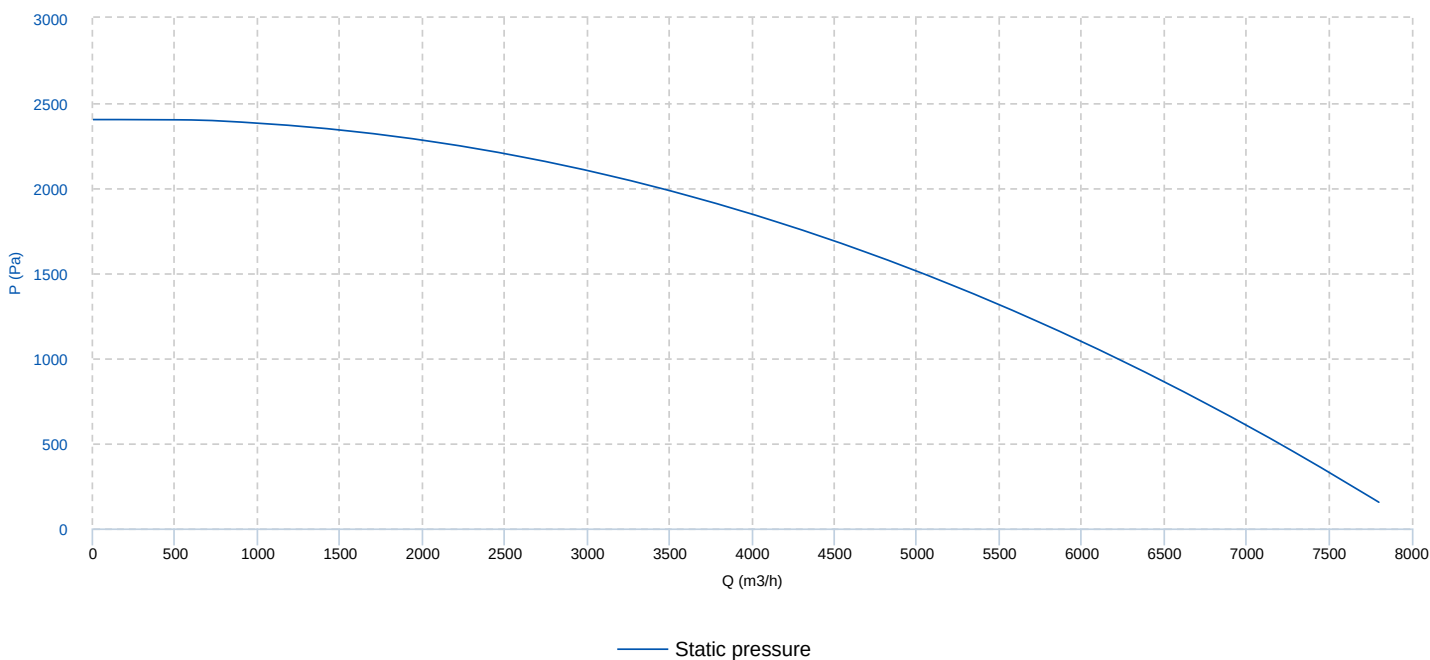
Designed for inline installation, they are suitable for:

- Solid material transport (except for textile fibers).
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	2900
-----	------

approx. weight	85 kg
----------------	-------

max flow	7800 m³/h
----------	-----------

motor

power	5.5 kW
-------	--------

motor rpm	2900
-----------	------

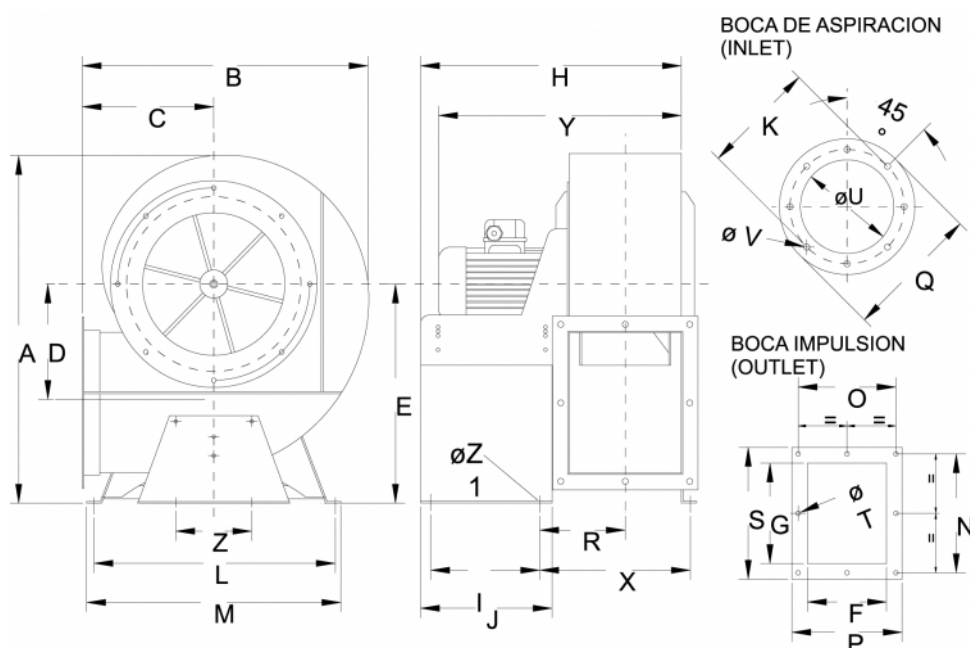
imax 400V	11 A
-----------	------

imax 690V	6.3 A
-----------	-------

size	132S
------	------

approx. weight	42 kg
----------------	-------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	715
F	224
K	394,5
P	300
UØ	289
Z1Ø	13

B	587
G	280
L	449
Q	422
VØ	11

C	270
H	564
M	474
R	184
X	0

D	242
I	240
N	318
S	356
Y	674

E	451
J	290
O	266
TØ	11
Z	0

ACCESSORIES



SAFETY SWITCH
INT 6,5 1V
REF: FX452508



OUTLET FLANGE
EI 35/14
REF: 962350111





CONNECTIONFLANGE
AC 350
REF: 960003211



FRECUENCY SPEED CONTROLLER
SFC T 7,5kW
REF: 960002533

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	253489361	1 x TURBINE	355x143x38 P/R MB35		
2	253481681	1 x INLET CONE	MB-MBC-MZ35/14		
3	721001072	1 x MOTOR	5,5kW T2 B3 400/690V.		



MB 40/16 T2 7,5kW P/R (253510160)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

APPLICATIONS:

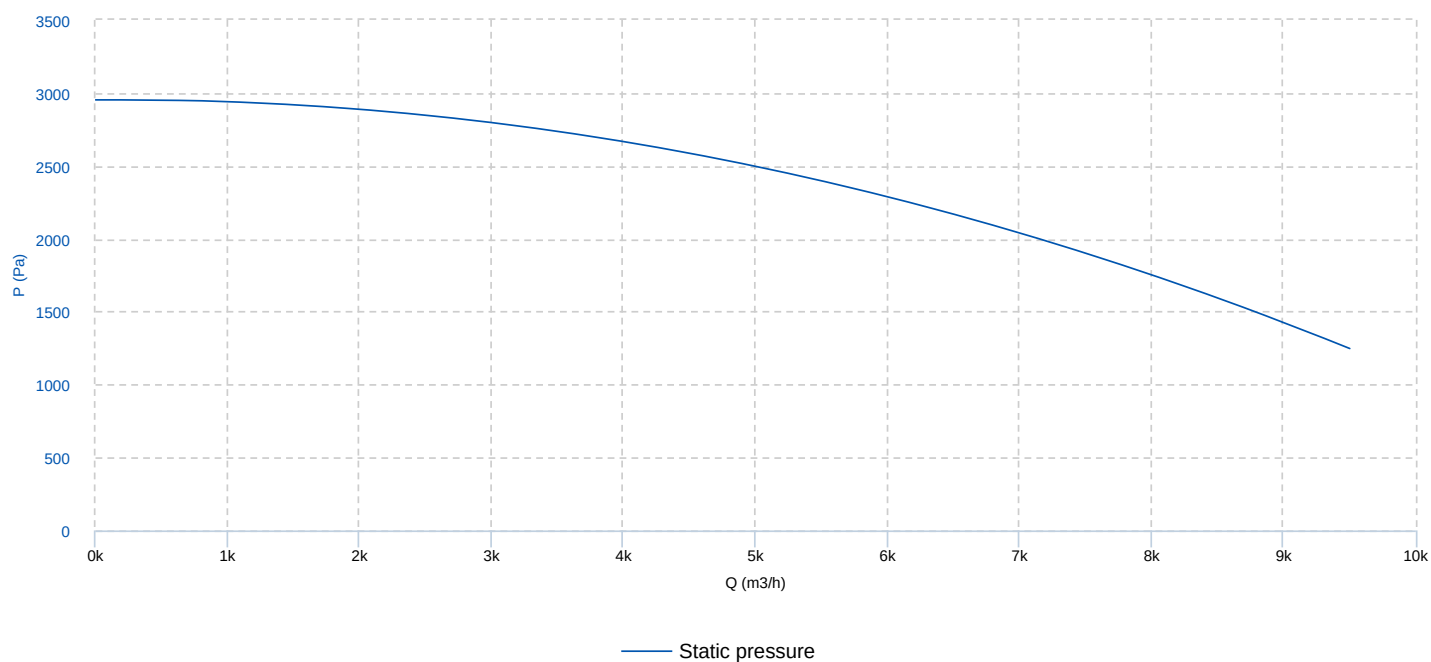
Designed for inline installation, they are suitable for:

- Solid material transport (except for textile fibers).
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	2900
-----	------

approx. weight	103 kg
----------------	--------

max flow	9500 m³/h
----------	-----------

motor

power	7.5 kW
-------	--------

motor rpm	2900
-----------	------

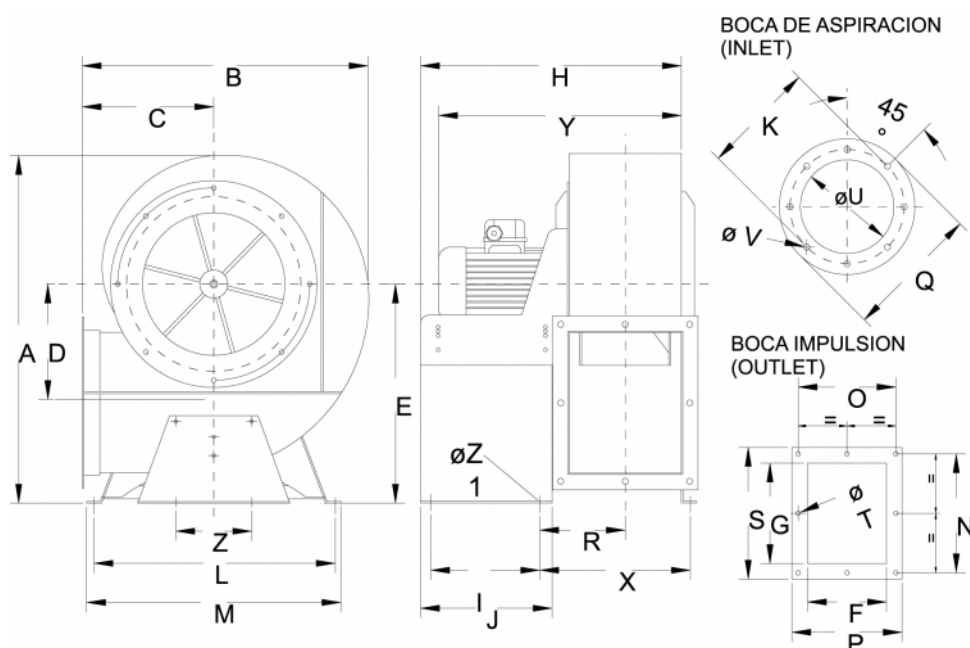
imax 400V	15 A
-----------	------

imax 690V	8.6 A
-----------	-------

size	132S
------	------

approx. weight	50 kg
----------------	-------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	796
F	250
K	438
P	336
UØ	325
Z1Ø	13

B	652
G	320
L	560
Q	464
VØ	11

C	295
H	595
M	590
R	202
X	400

D	271
I	240
N	370
S	406
Y	700

E	499
J	290
O	300
TØ	11
Z	200

ACCESSORIES



SAFETY SWITCH
INT 13 1V
REF: FX025955



OUTLET FLANGE
EI 40/16
REF: 962400111





CONNECTIONFLANGE
AC 400
REF: 960003212



FRECUENCY SPEED CONTROLLER
SFC T 7,5kW
REF: 960002533

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	253519361	1 x TURBINE	400x160x38 P/R MB40		
2	253511681	1 x INLET CONE	MB-MZ40/16		
3	721001082	1 x MOTOR	7,5kW T2 B3 400/690V.		



MB 45/18 T2 11kW P/R (253530160)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

APPLICATIONS:

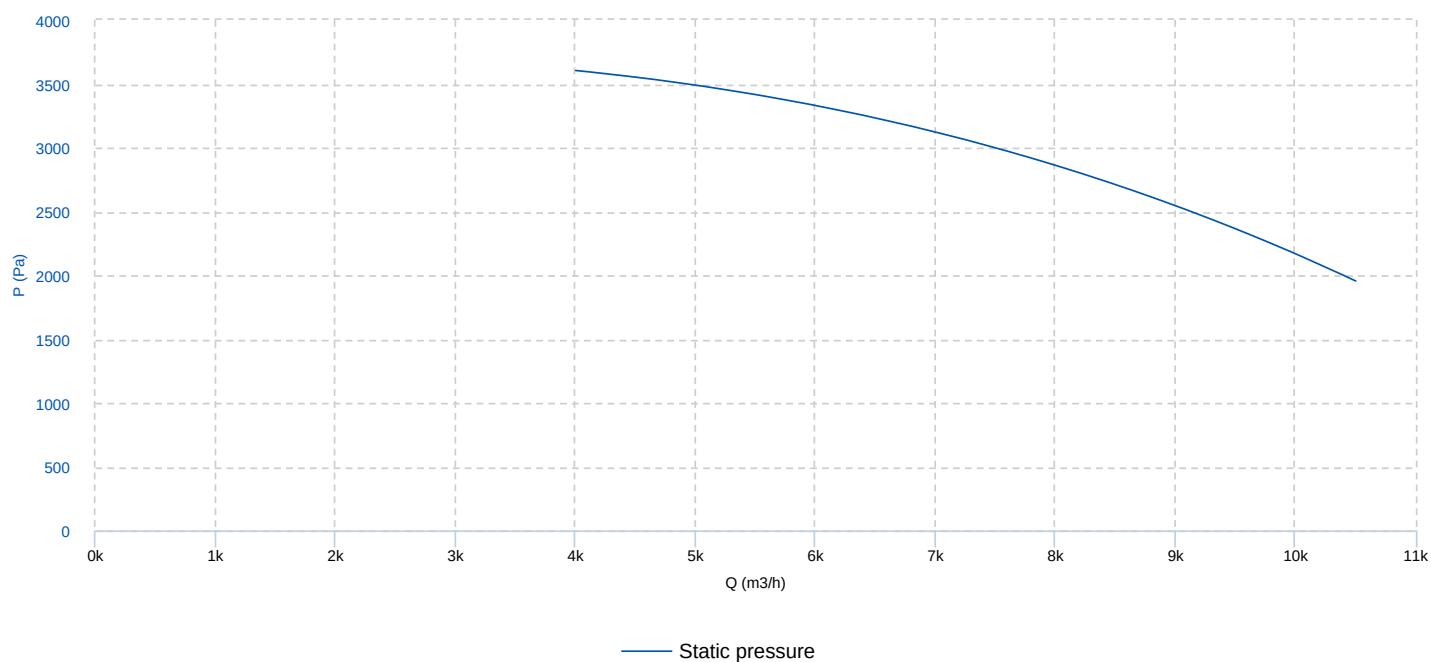
Designed for inline installation, they are suitable for:

- Solid material transport (except for textile fibers).
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

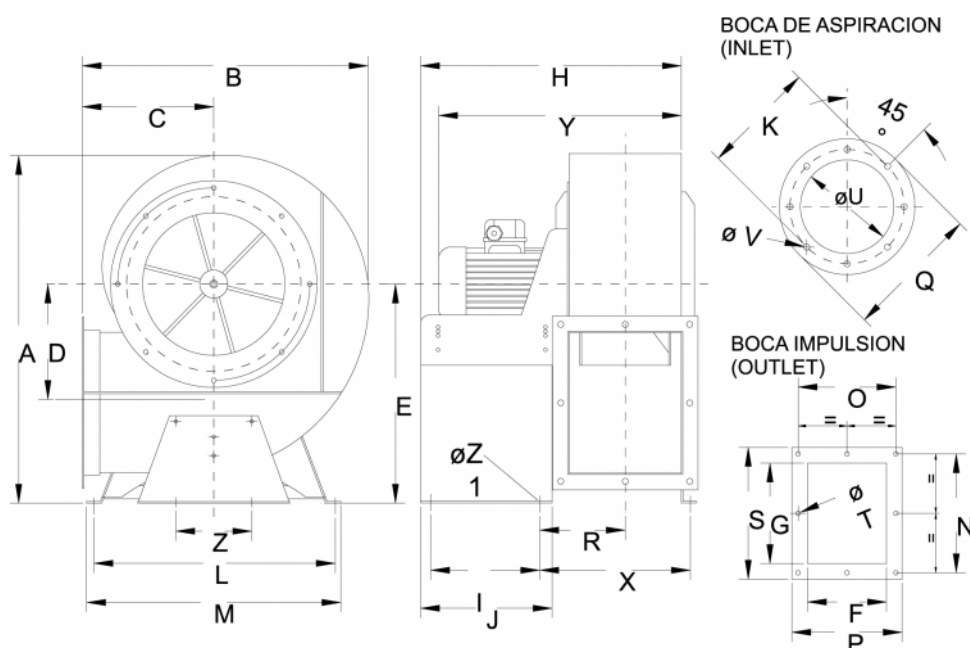
fan

RPM	2930	approx. weight	180 kg	max flow	10500 m ³ /h
-----	------	----------------	--------	----------	-------------------------

motor

power	11 kW	motor rpm	2930	imax 400V	19.8 A
imax 690V	11.39 A	size	160M	approx. weight	110 kg

DIMENSIONS DIAGRAM



Dimensions (mm)

A	887	B	730	C	329	D	305	E	553
F	280	G	360	H	791	I	250	J	300
K	485	L	602	M	632	N	404	O	328
P	356	Q	515	R	207	S	436	TØ	11
UØ	365	VØ	11	X	415	Y	856	Z	200
Z1Ø	13								

ACCESSORIES



SAFETY SWITCH
INT 13 1V
REF: FX025955



OUTLET FLANGE
EI 45/18
REF: 962450111





CONNECTIONFLANGE
AC 450
REF: 960003213



FRECUENCY SPEED CONTROLLER
SFC T 11kW
REF: 960002535

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	253539361	1 x TURBINE	450x183x42 P/R MB45		
2	253531681	1 x INLET CONE	MB-MBC-MZ45/18		
3	721001086	1 x MOTOR	11KW T2 B3 400/690V.		



MB 45/18 T2 15kW P/R (253530161)

GENERAL DATA



MEDIUM PRESSURE FAN WITH STRAIGHT IMPELLER

MANUFACTURING FEATURES:

- Rolled steel sheet housing.
 - Simple inlet straight blade impeller manufactured of steel sheet and with reinforced with a welded ring protected with epoxy powder finishing coat.
 - Epoxy powder finishing coat.
 - Squirrel asynchronous squirrel-cage motor with IP-55 protection and rated class F insulation.
- Standard voltages 230V 50Hz for single phase motors, 230/400V 50Hz for three phase for motors up to 4kW and 400/690V 50Hz for higher powers.
- Standard orientation: LG270.

APPLICATIONS:

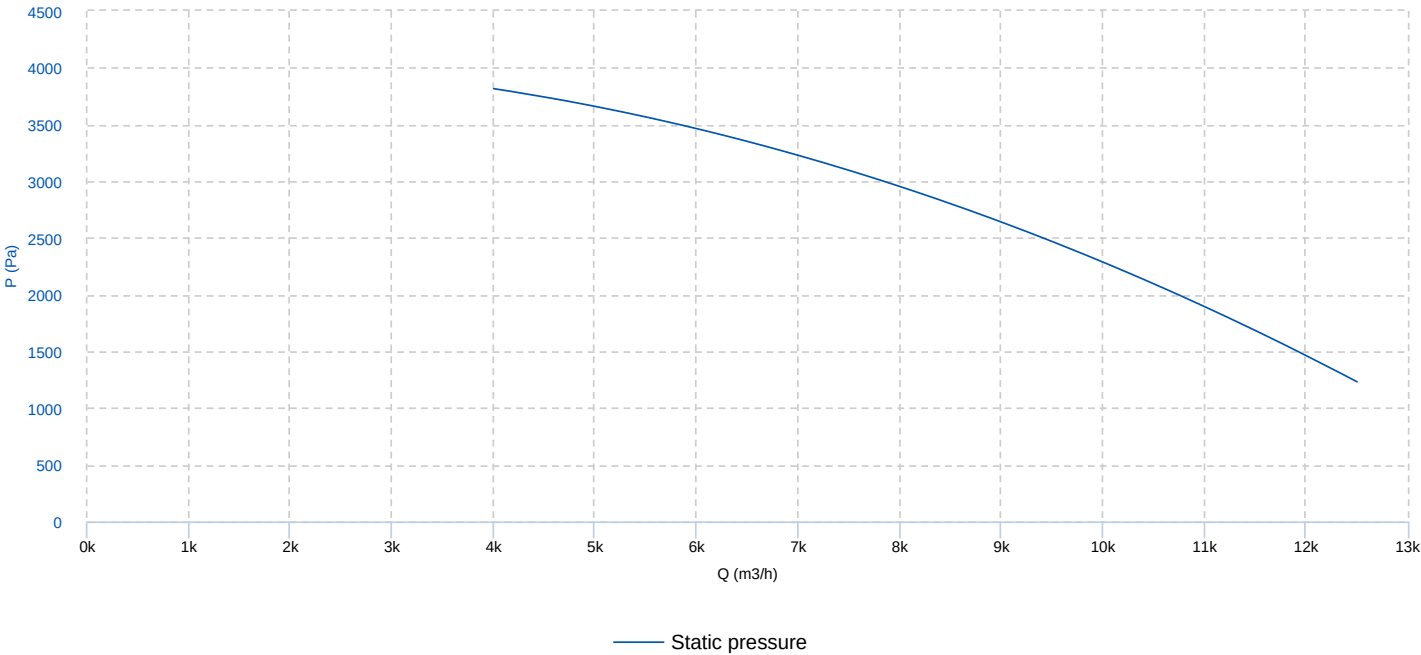
Designed for inline installation, they are suitable for:

- Solid material transport (except for textile fibers).
- Maximum working temperature: carried air: 130°C, ambient 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 speed motors.
- Fan for air working temperatures up to 250°C with R/R (cooling impeller).
- Orientation: LG0, LG 45, LG 90, LG 135, LG 180, LG225, LG315, RD0, RD45, RD90, RD135, RD180, RD225, RD 270, RD315.

CHARACTERISCTIC CURVE



TECHNICAL DATA

fan

RPM	2930
-----	------

approx. weight	191 kg
----------------	--------

max flow	12500 m³/h
----------	------------

motor

power	15 kW
-------	-------

motor rpm	2930
-----------	------

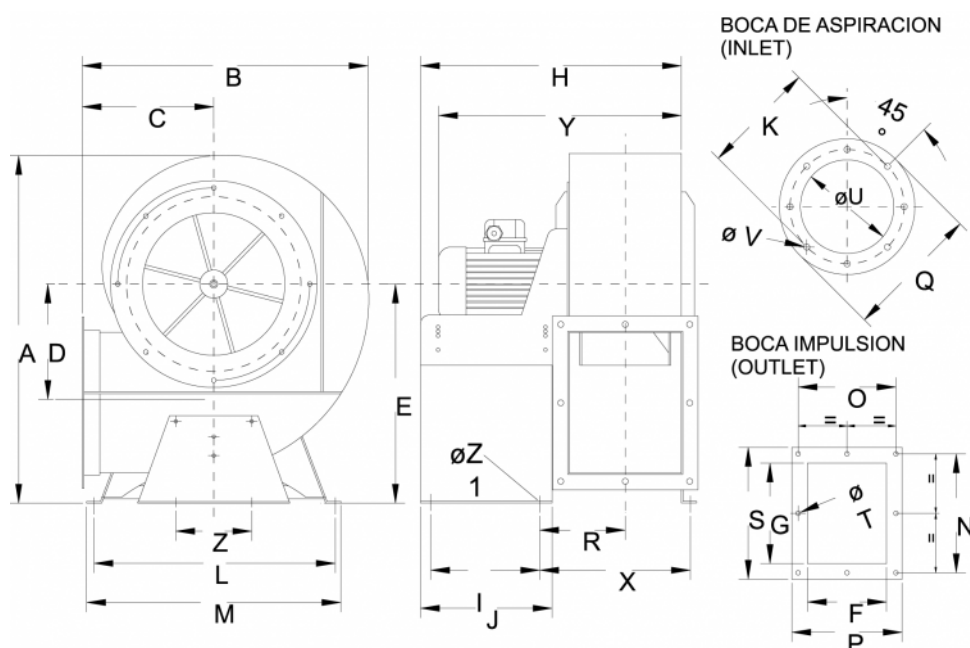
imax 400V	26.6 A
-----------	--------

imax 690V	15.3 A
-----------	--------

size	160M
------	------

approx. weight	123 kg
----------------	--------

DIMENSIONS DIAGRAM



Dimensions (mm)

A	887
F	280
K	485
P	356
UØ	365
Z1Ø	13

B	730
G	360
L	602
Q	515
VØ	11

C	329
H	791
M	632
R	207
X	415

D	305
I	250
N	404
S	436
Y	856

E	553
J	300
O	328
TØ	11
Z	200

ACCESSORIES



OUTLET FLANGE
EI 45/18
REF: 962450111



CONNECTION FLANGE
AC 450
REF: 960003213





SAFETY SWITCH
INT 15 1V
REF: FX025956



FRECUENCY SPEED CONTROLLER
SFC T 15kW
REF: 960002536

SPARE PARTS

	code	family	model	RPM	Pitch grades
1	253539361	1 x TURBINE	450x183x42 P/R MB45		
2	253531681	1 x INLET CONE	MB-MBC-MZ45/18		
3	721001091	1 x MOTOR	15KW T2 B3 400/690V.		

