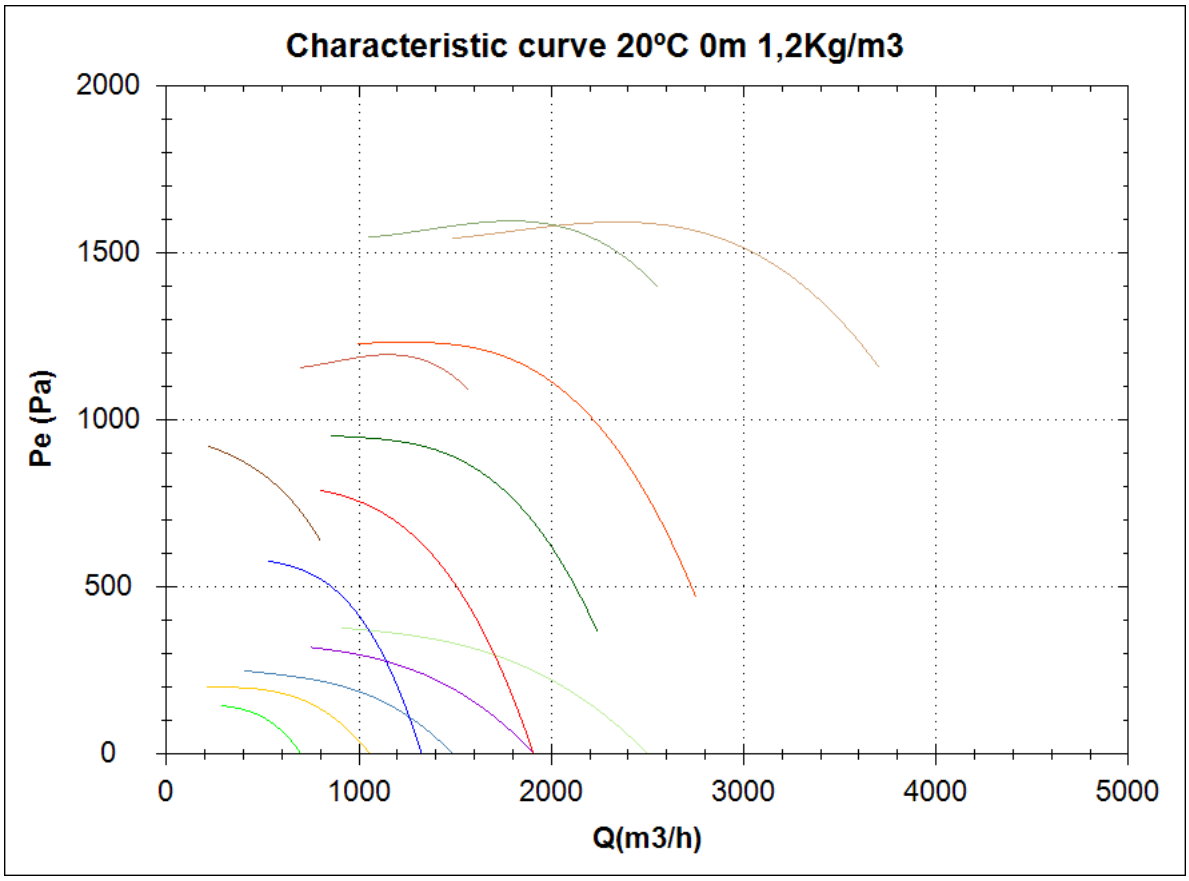
Comparative

Design point

Q (m3/h)	
Ps(Pa)	



		Model	Q(m3/h)	P (Pa)
	1	MBX 16/6 T2 0,37kW		
	2	MBX 16/6 T4 0,18kW		
	3	MBX 18/7 T2 0,75kW		
	4	MBX 18/7 T4 0,25kW		
	5	MBX 20/6 T2 0,37kW		
	6	MBX 20/8 T2 1,1kW		
	7	MBX 20/8 T4 0,37kW		
	8	MBX 22/9 T2 1,1kW		
	9	MBX 22/9 T2 2,2kW		
	10	MBX 22/9 T4 0,55kW		
	11	MBX 25/10 T2 2,2kW		
	12	MBX 25/10 T2 3kW		
	13	MBX 25/10 T4 1,1kW		

MBX 16/6 T2 0,37kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

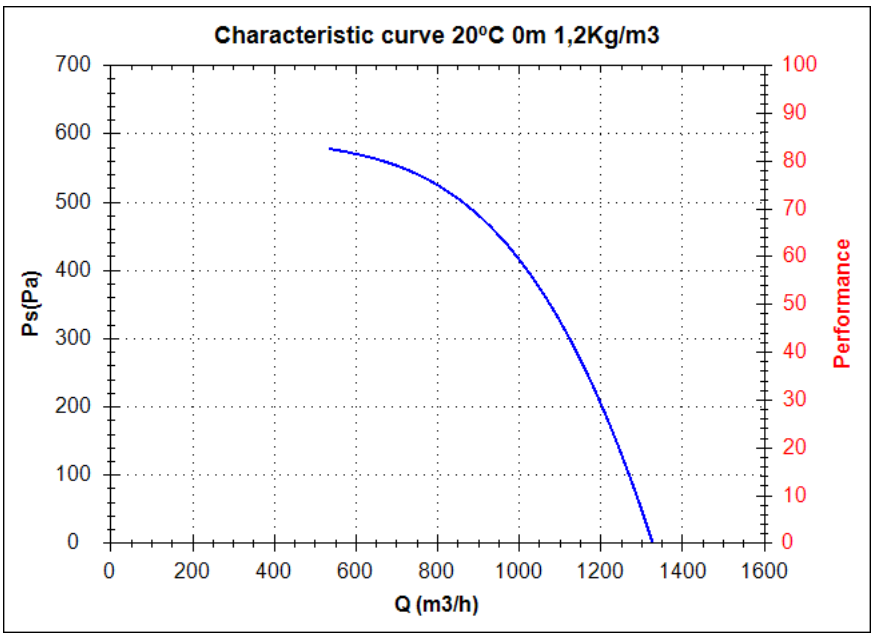
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

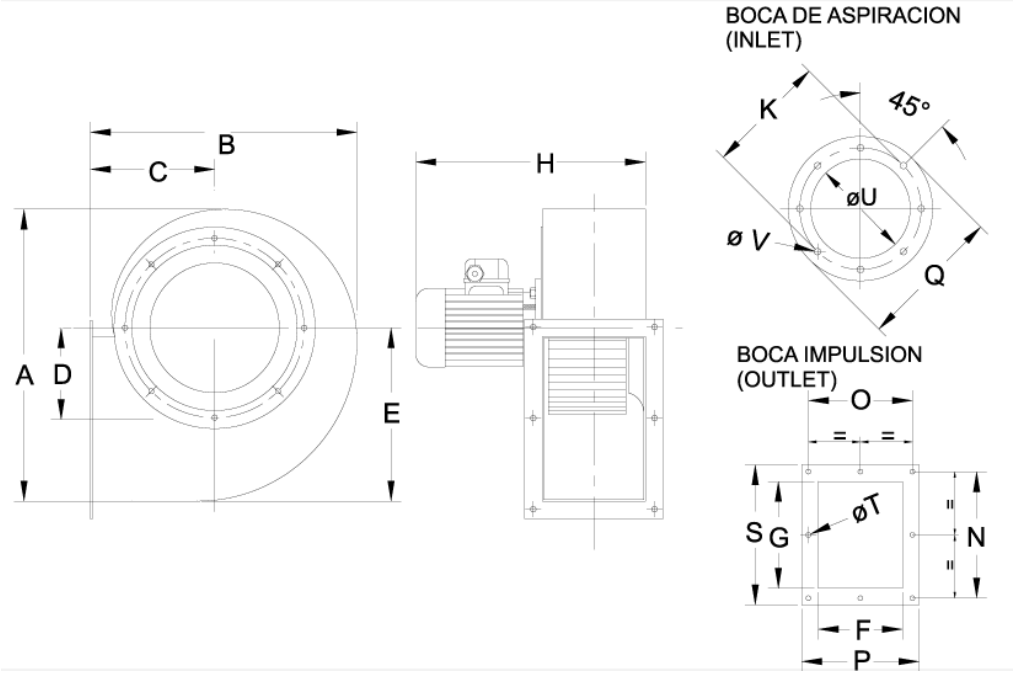
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	9,5
Maximum flow rate(m3/h)	1340

Power(kW)	0,37
Imax 230V(A)	1,65
Imax 400V(A)	0,95
Imax 690V(A)	-

MBX 16/6 T2 0,37kW

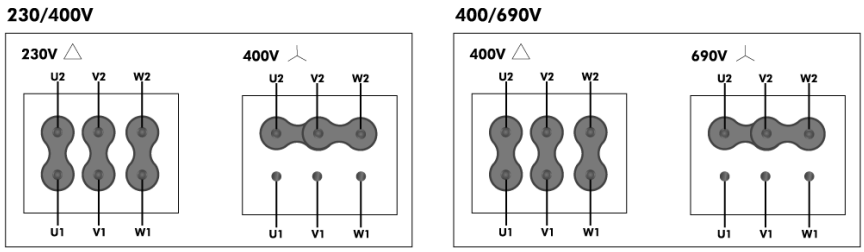
dimensions diagram



Dimensions (mm)

A=293	B=254	C=118	D=107	E=171	F=100	G=120	H=340	K=180	N=147	O=128	P=153
Q=214	S=172	TØ=7	UØ=127	VØ=9							

Wiring diagram



MBX 16/6 T4 0,18kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

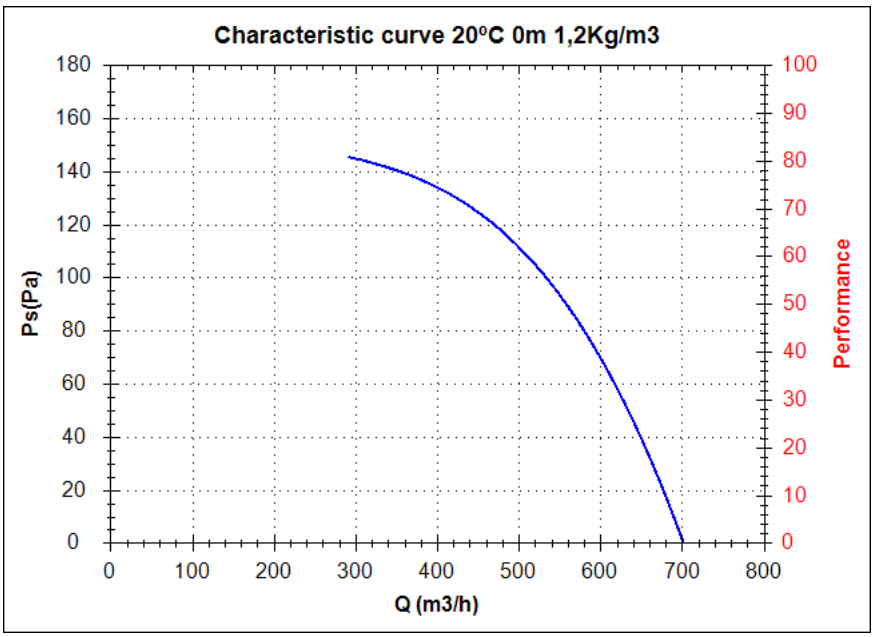
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

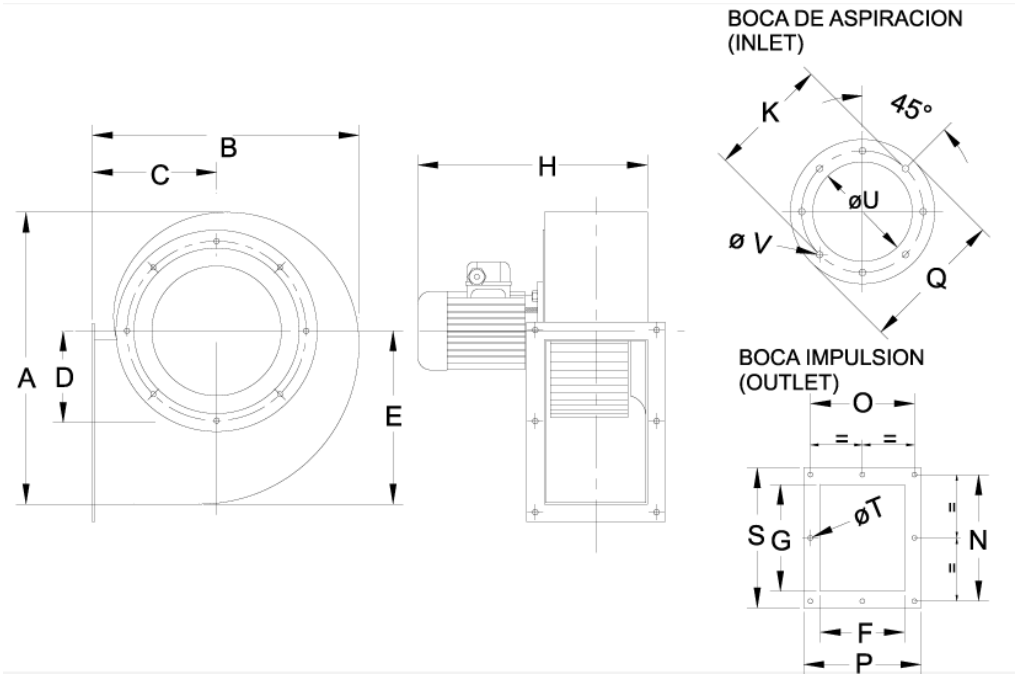
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	9,5
Maximum flow rate(m3/h)	710

Power(kW)	0,18
Imax 230V(A)	1,12
Imax 400V(A)	0,65
Imax 690V(A)	-

MBX 16/6 T4 0,18kW

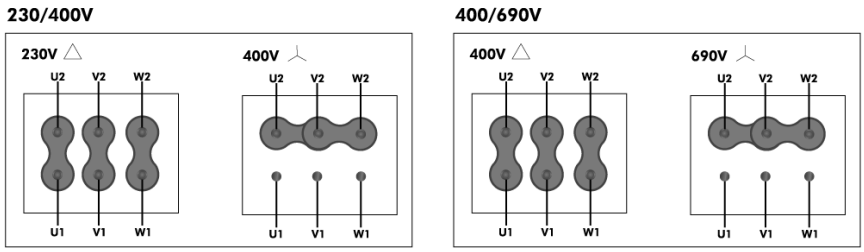
dimensions diagram



Dimensions (mm)

A=293	B=254	C=118	D=107	E=171	F=100	G=120	H=340	K=180	N=147	O=128	P=153
Q=214	S=172	TØ=7	UØ=127	VØ=9							

Wiring diagram



MBX 18/7 T2 0,75kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

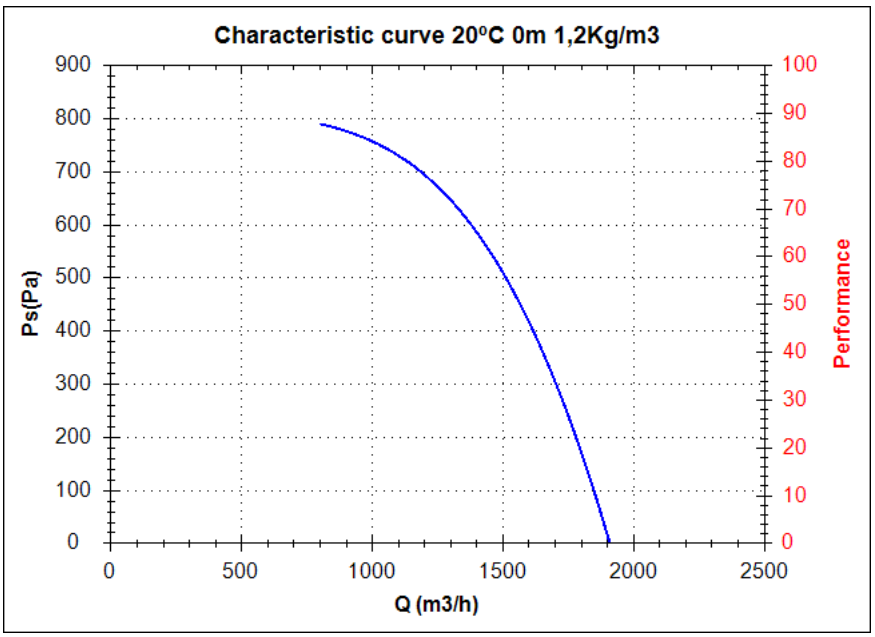
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

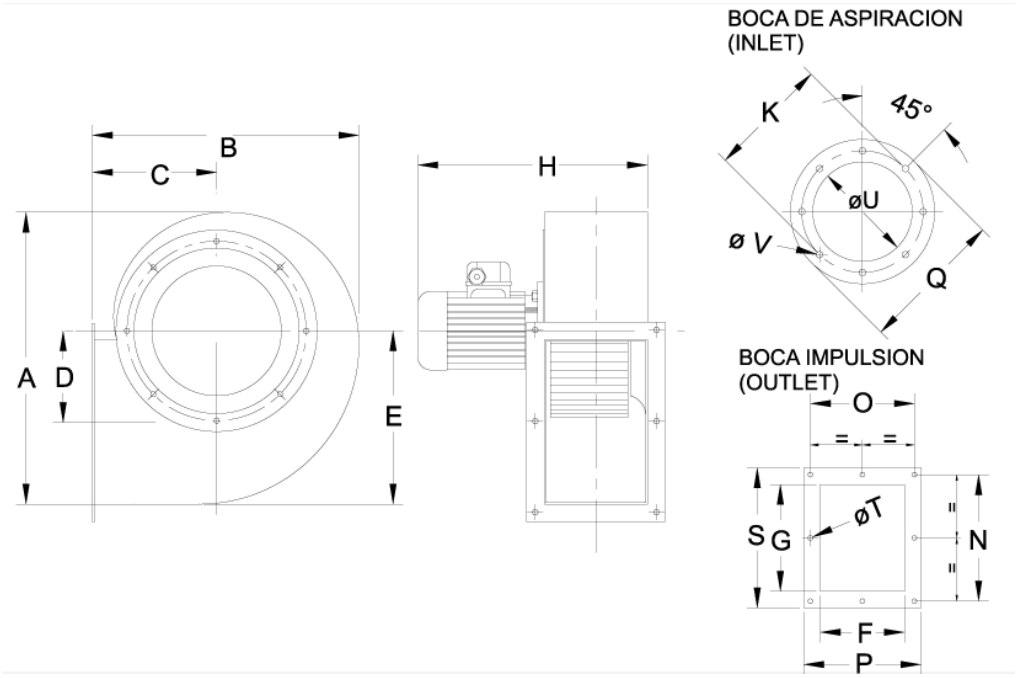
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	15
Maximum flow rate(m3/h)	1940

Power(kW)	0,75
Imax 230V(A)	3,03
Imax 400V(A)	1,75
Imax 690V(A)	-

MBX 18/7 T2 0,75kW

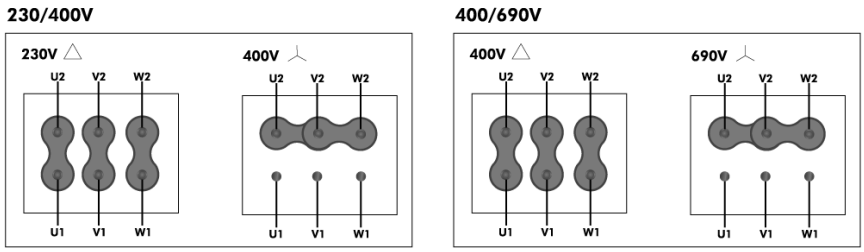
dimensions diagram



Dimensions (mm)

A=347	B=302	C=128	D=133	E=203	F=115	G=140	H=355	K=214	N=169	O=146	P=169
Q=237	S=192	TØ=9	UØ=141	VØ=9							

Wiring diagram



MBX 18/7 T4 0,25kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

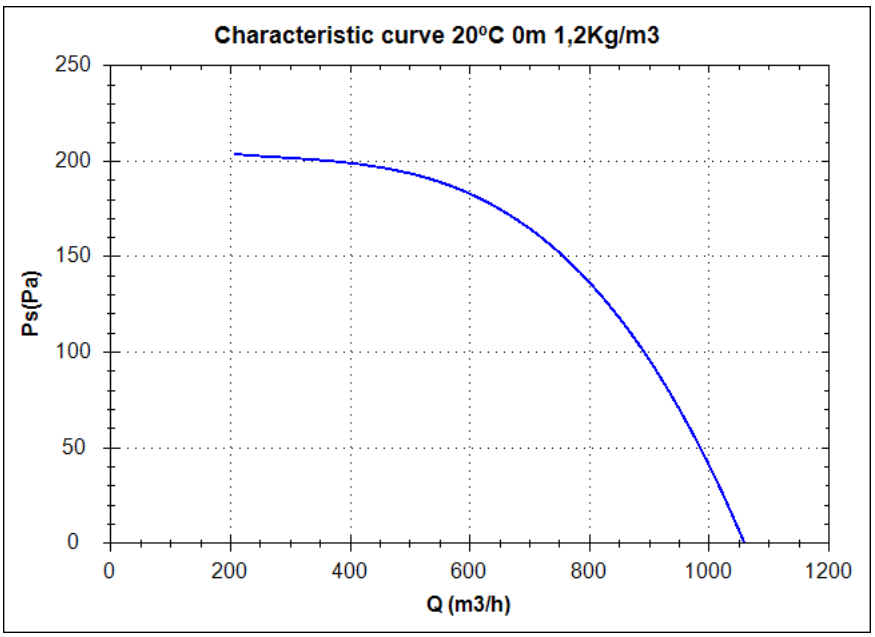
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

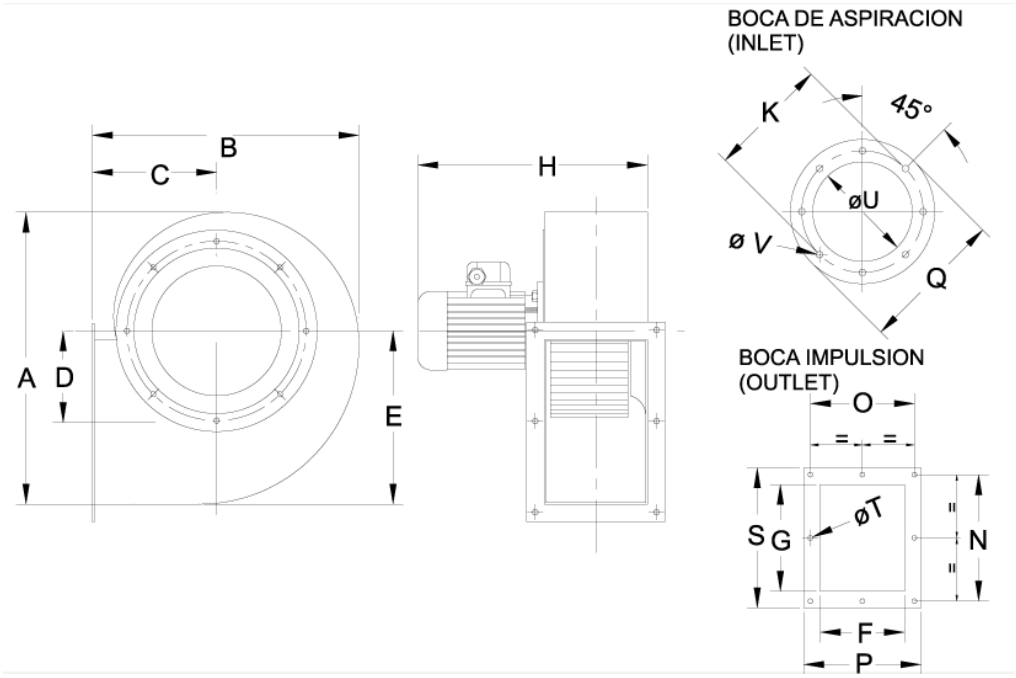
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	10
Maximum flow rate(m3/h)	1070

Power(kW)	0,25
Imax 230V(A)	1,44
Imax 400V(A)	0,83
Imax 690V(A)	-

MBX 18/7 T4 0,25kW

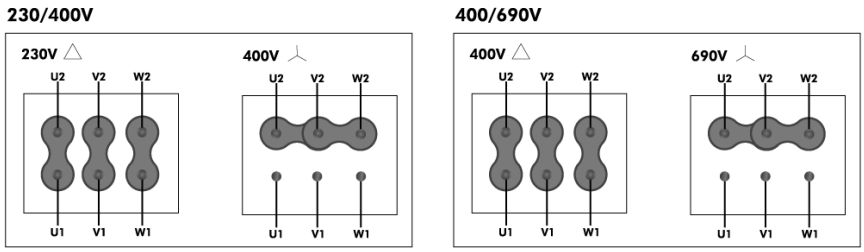
dimensions diagram



Dimensions (mm)

A=347	B=302	C=128	D=133	E=203	F=115	G=140	H=355	K=214	N=169	O=146	P=169
Q=237	S=192	TØ=9	UØ=141	VØ=9							

Wiring diagram



MBX 20/6 T2 0,37kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

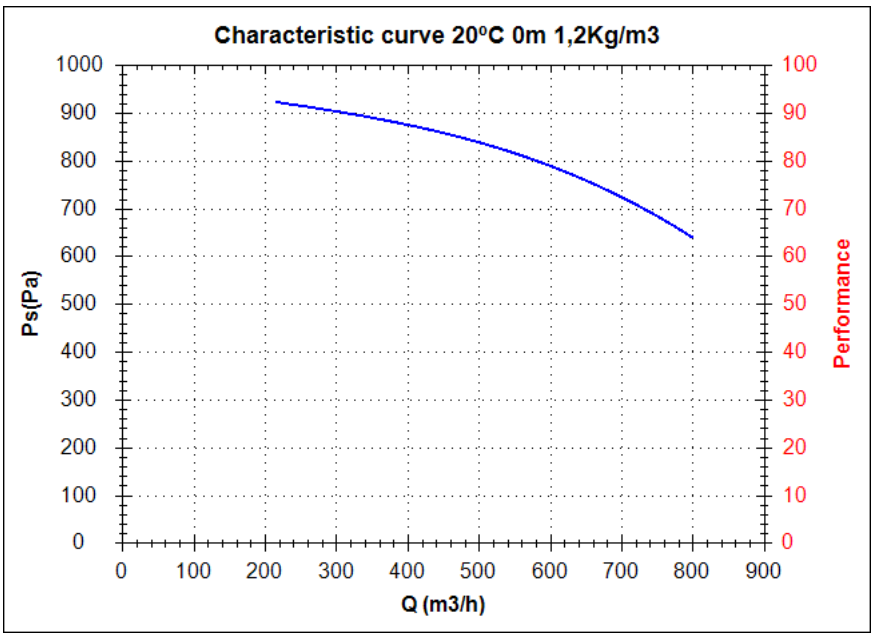
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

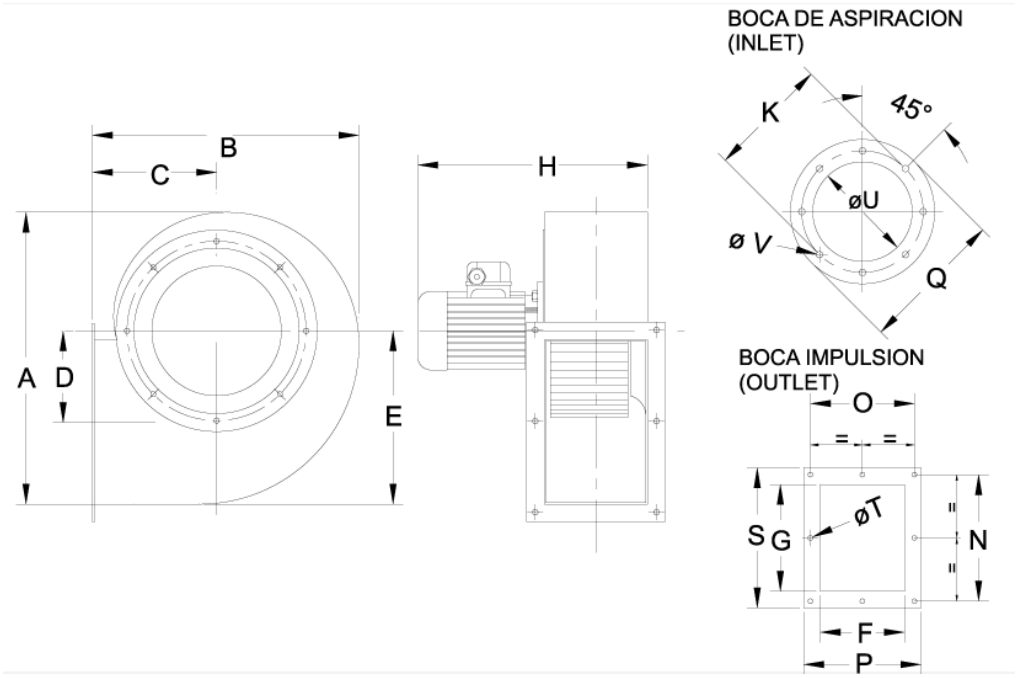
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	14
Maximum flow rate(m3/h)	800

Power(kW)	0,37
Imax 230V(A)	1,65
Imax 400V(A)	0,95
Imax 690V(A)	-

MBX 20/6 T2 0,37kW

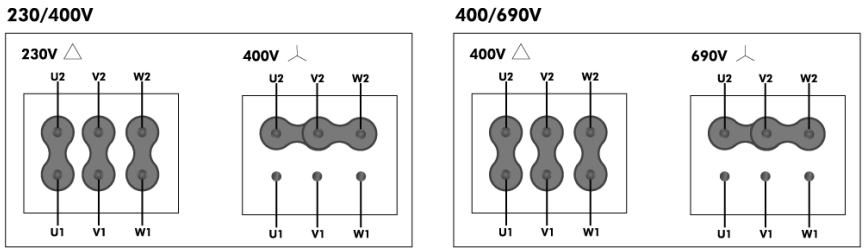
dimensions diagram



Dimensions (mm)

A=347	B=300	C=128	D=146	E=203	F=105	G=100	H=335	K=230	N=128	O=134	P=159
Q=255	S=153	TØ=9	UØ=161	VØ=9							

Wiring diagram



MBX 20/8 T2 1,1kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

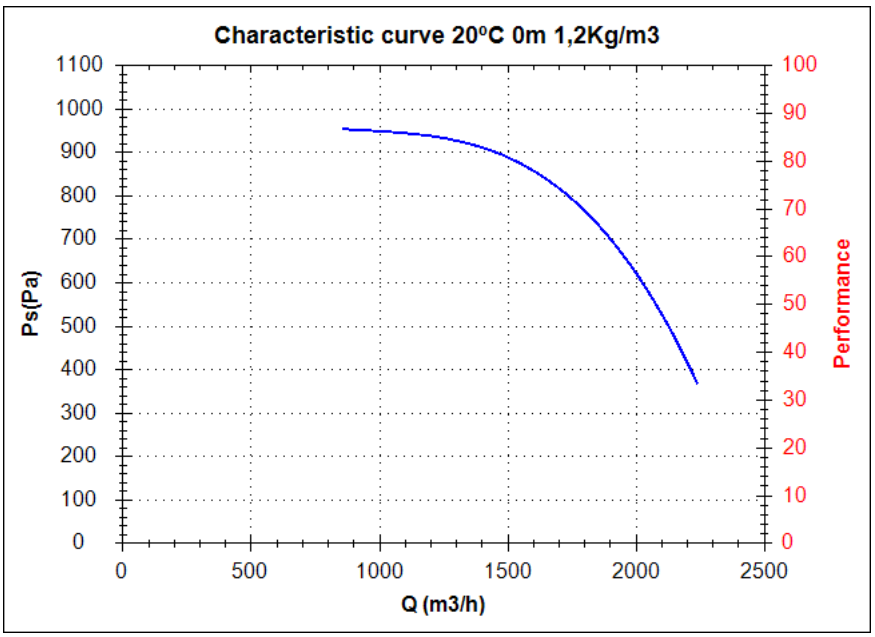
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

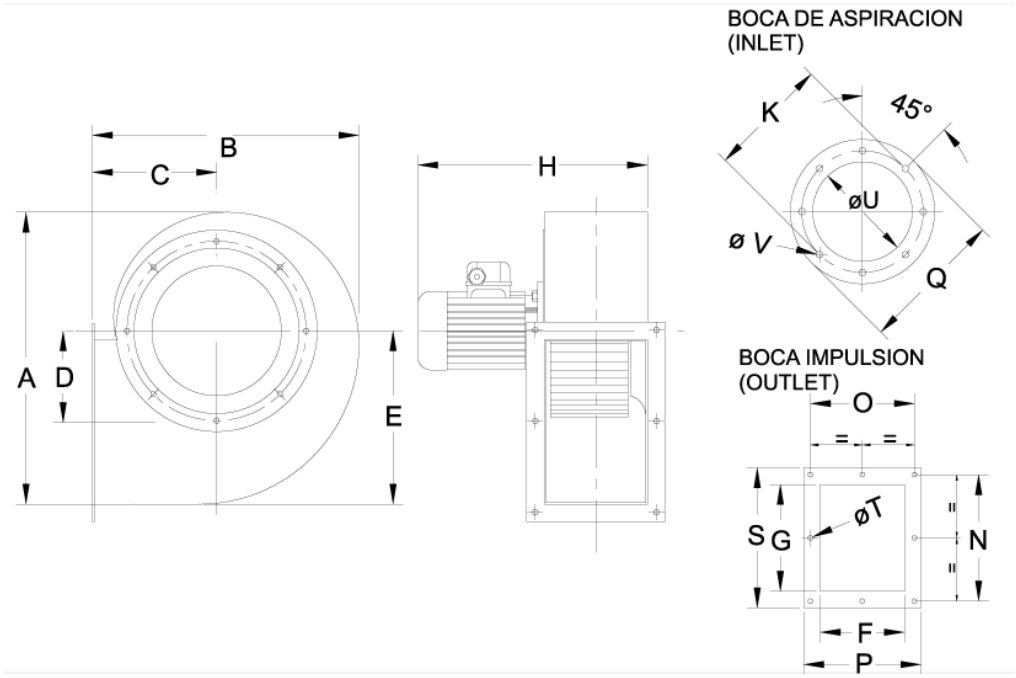
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	19
Maximum flow rate(m3/h)	2240

Power(kW)	1,1
Imax 230V(A)	4,42
Imax 400V(A)	2,55
Imax 690V(A)	-

MBX 20/8 T2 1,1kW

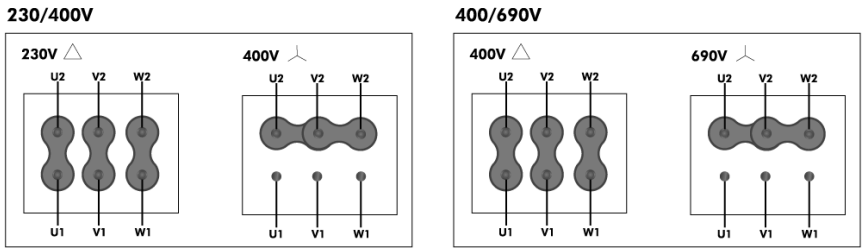
dimensions diagram



Dimensions (mm)

A=375	B=321	C=138	D=136	E=222	F=130	G=160	H=380	K=230	N=189	O=160	P=184
Q=255	S=213	TØ=9	UØ=161	VØ=9							

Wiring diagram



MBX 20/8 T4 0,37kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

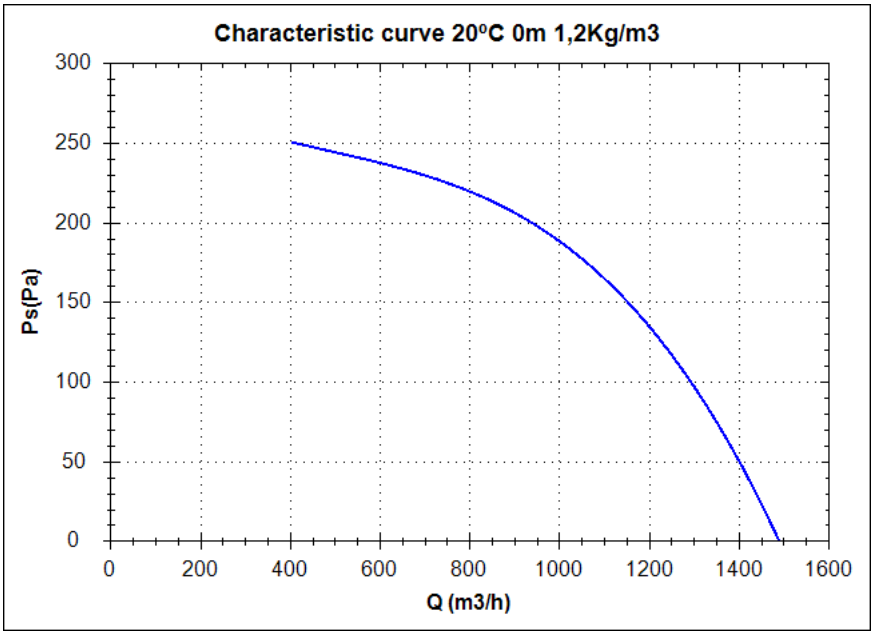
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

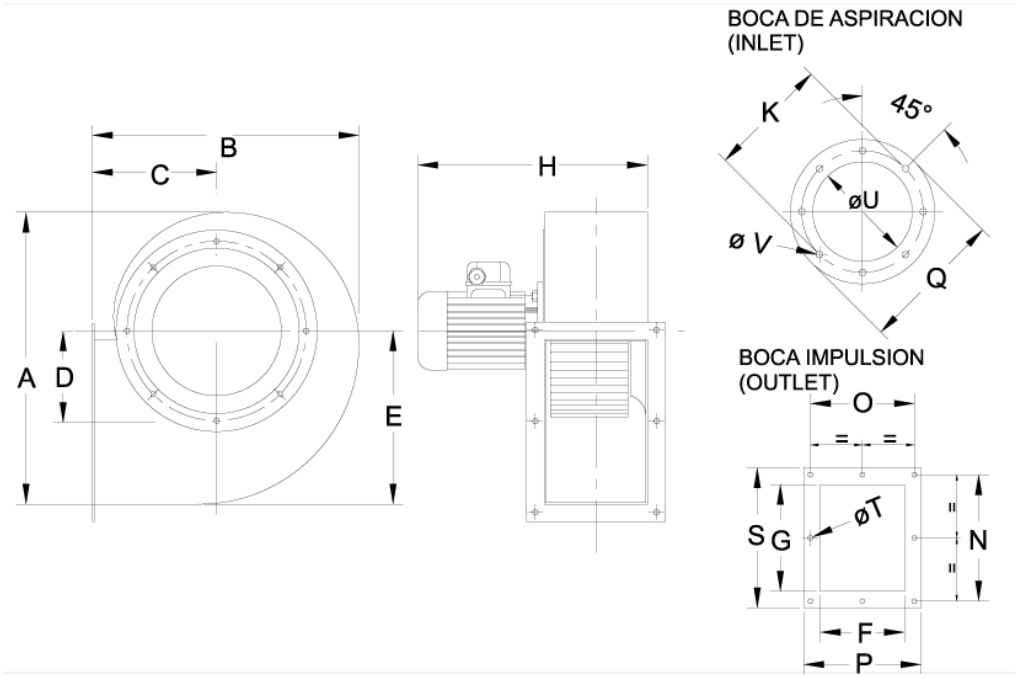
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	15
Maximum flow rate(m3/h)	1500

Power(kW)	0,37
Imax 230V(A)	1,94
Imax 400V(A)	1,12
Imax 690V(A)	-

MBX 20/8 T4 0,37kW

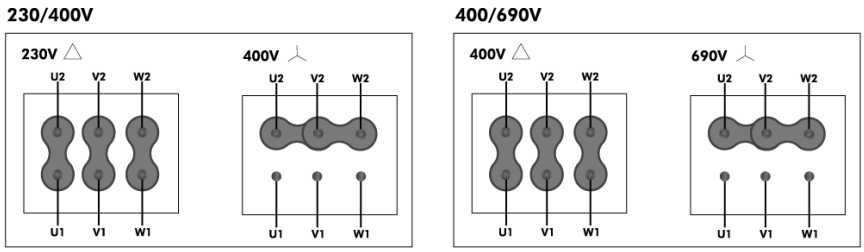
dimensions diagram



Dimensions (mm)

A=375	B=321	C=138	D=136	E=222	F=130	G=160	H=380	K=230	N=189	O=160	P=184
Q=255	S=213	TØ=9	UØ=161	VØ=9							

Wiring diagram



MBX 22/9 T2 1,1kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

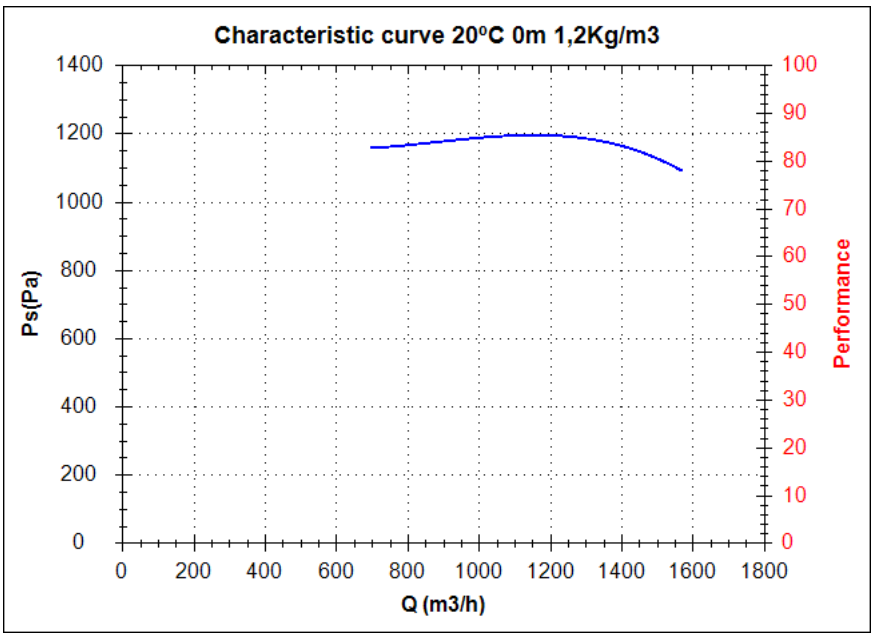
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

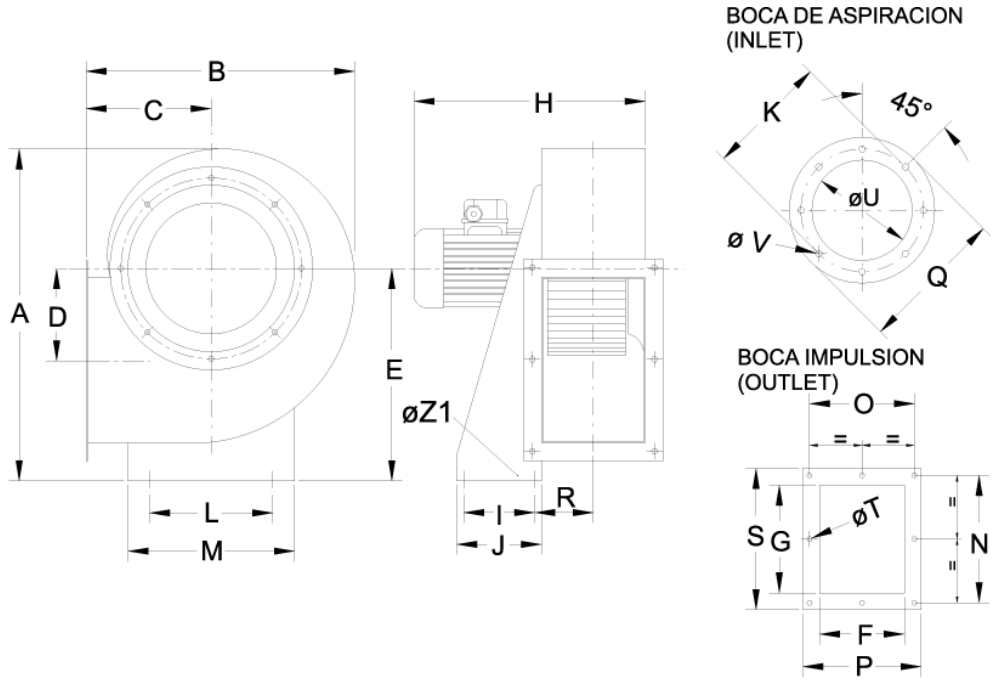
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	24
Maximum flow rate(m3/h)	1570

Power(kW)	1,1
Imax 230V(A)	4,42
Imax 400V(A)	2,55
Imax 690V(A)	-

MBX 22/9 T2 1,1kW

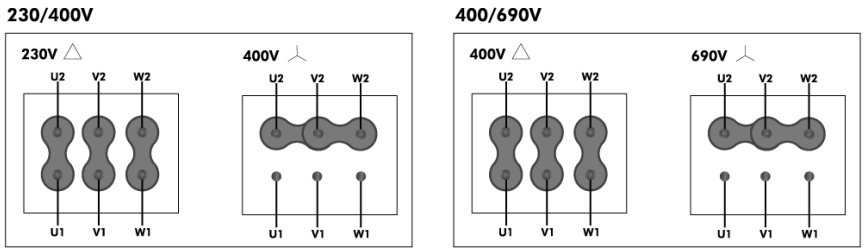
dimensions diagram



Dimensions (mm)

A=452	B=386	C=181	D=134	E=280	F=140	G=216	H=381	I=50	J=110	K=256	L=220
M=290	N=256	O=280	P=204	Q=280	R=100	S=282	TØ=9	UØ=180	VØ=9	Z1Ø=11	

Wiring diagram



MBX 22/9 T2 2,2kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

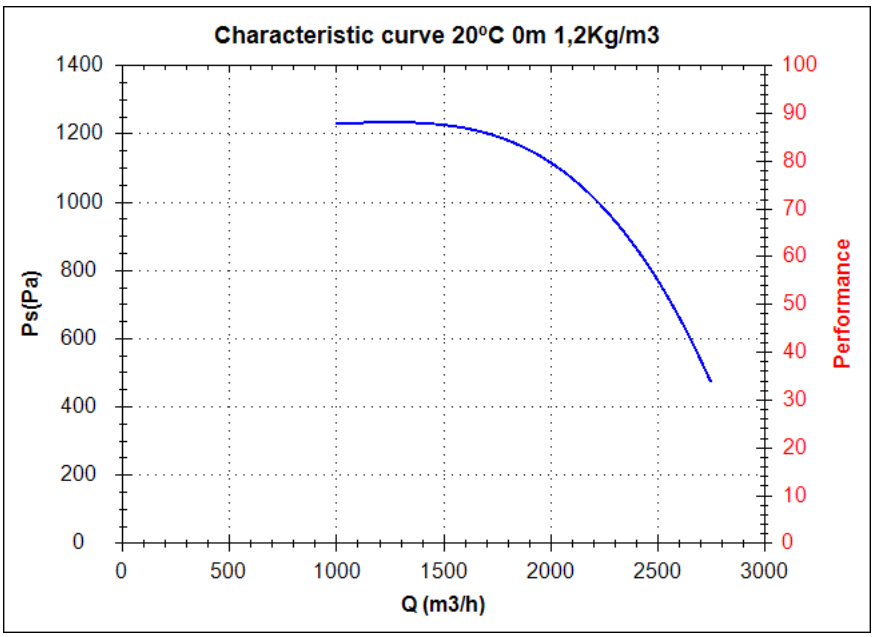
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

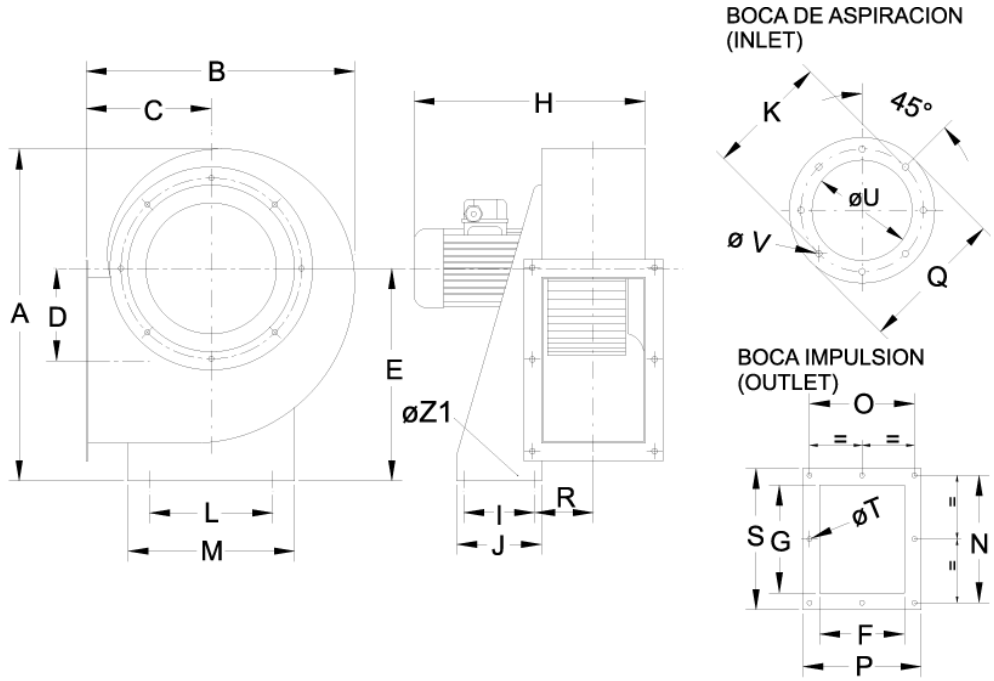
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	30
Maximum flow rate(m3/h)	2750

Power(kW)	2,2
Imax 230V(A)	8,61
Imax 400V(A)	4,98
Imax 690V(A)	-

MBX 22/9 T2 2,2kW

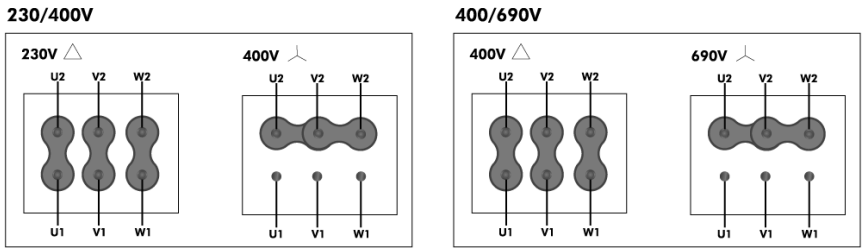
dimensions diagram



Dimensions (mm)

A=452	B=386	C=181	D=134	E=280	F=140	G=216	H=381	I=50	J=110	K=256	L=220
M=290	N=256	O=280	P=204	Q=280	R=100	S=282	TØ=9	UØ=180	VØ=9	Z1Ø=11	

Wiring diagram



MBX 22/9 T4 0,55kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

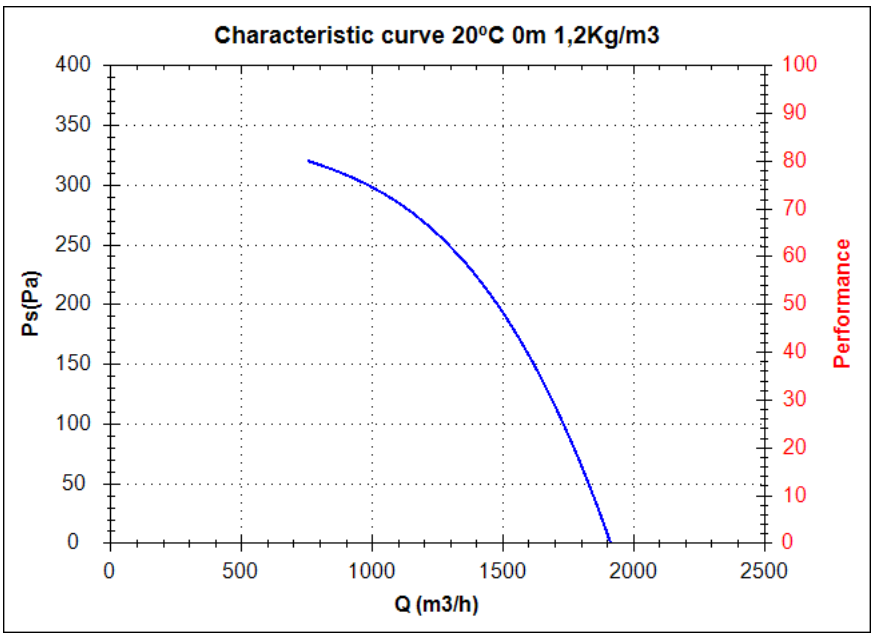
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

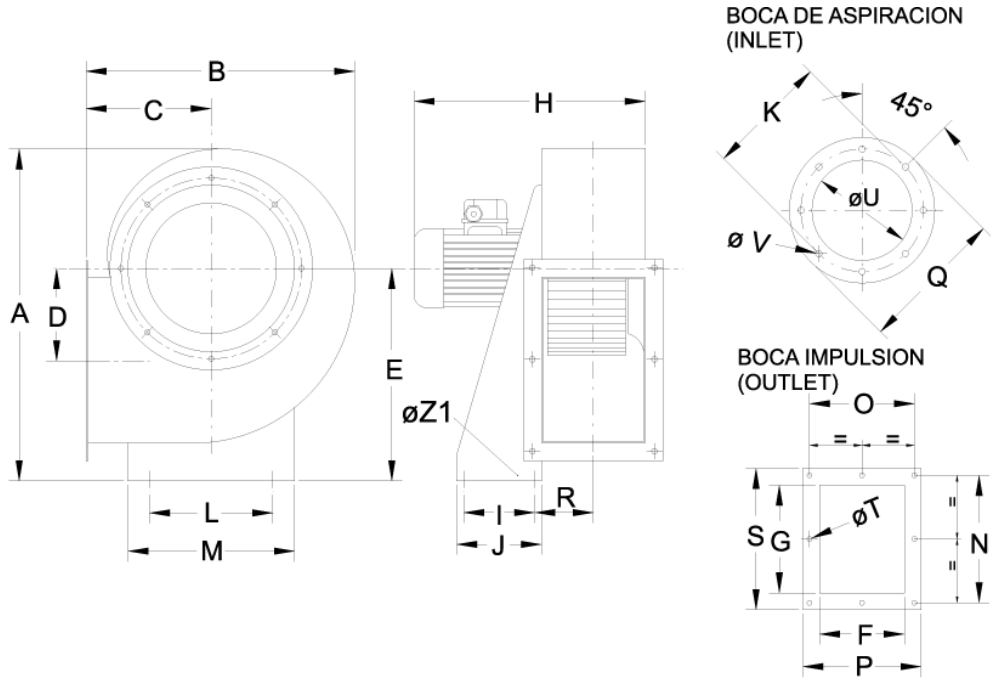
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	22
Maximum flow rate(m3/h)	1930

Power(kW)	0,55
Imax 230V(A)	2,69
Imax 400V(A)	1,56
Imax 690V(A)	-

MBX 22/9 T4 0,55kW

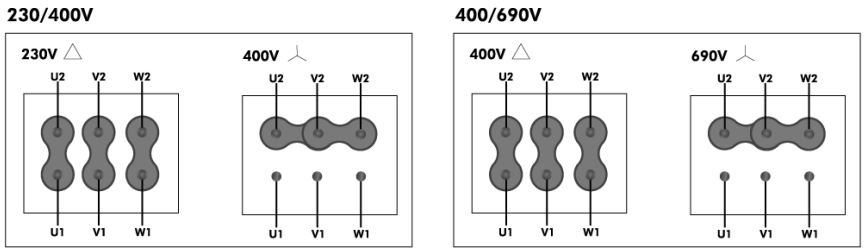
dimensions diagram



Dimensions (mm)

A=452	B=386	C=181	D=134	E=280	F=140	G=216	H=381	I=50	J=110	K=256	L=220
M=290	N=256	O=280	P=204	Q=280	R=100	S=282	TØ=9	UØ=180	VØ=9	Z1Ø=11	

Wiring diagram



MBX 25/10 T2 2,2kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

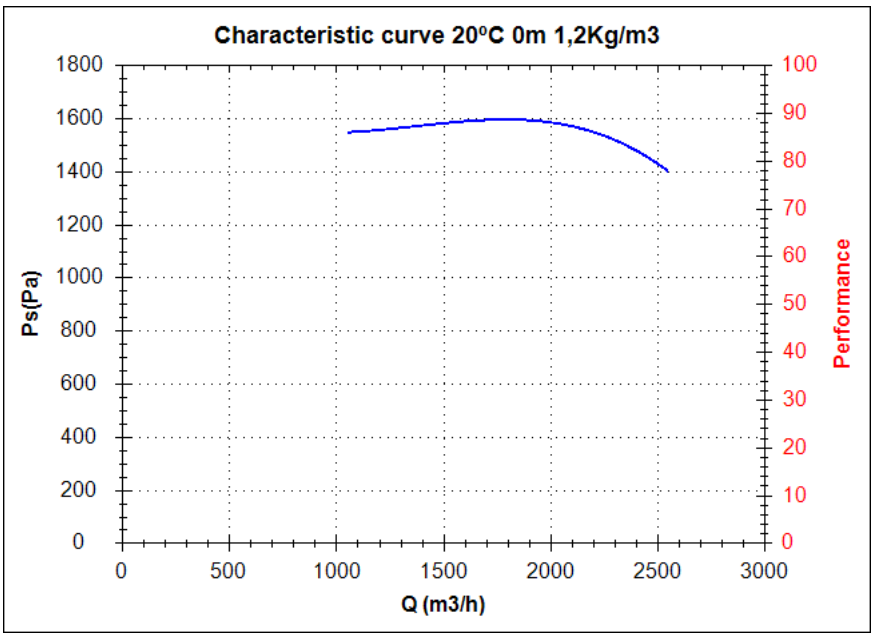
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

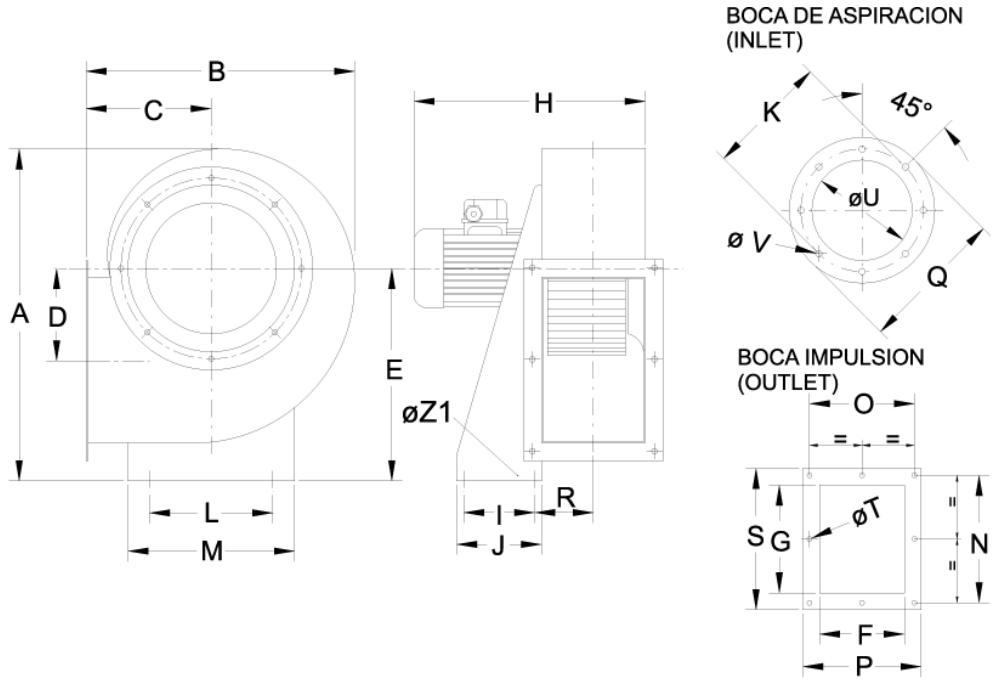
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	32
Maximum flow rate(m3/h)	2550

Power(kW)	2,2
Imax 230V(A)	8,61
Imax 400V(A)	4,98
Imax 690V(A)	-

MBX 25/10 T2 2,2kW

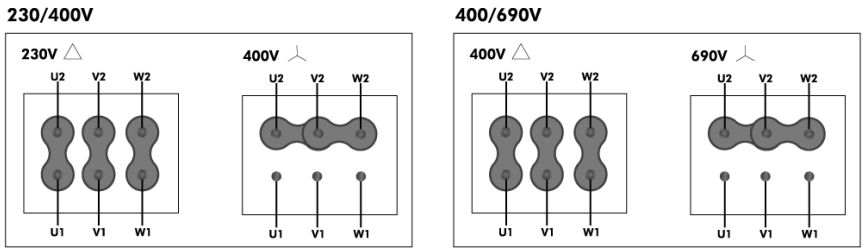
dimensions diagram



Dimensions (mm)

A=501	B=425	C=197	D=144	E=310	F=165	G=250	H=477	I=74	J=134	K=282	L=228
M=315	N=290	O=205	P=229	Q=306	R=113	S=314	TØ=9	UØ=203	VØ=9	Z1Ø=13	

Wiring diagram



MBX 25/10 T2 3kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

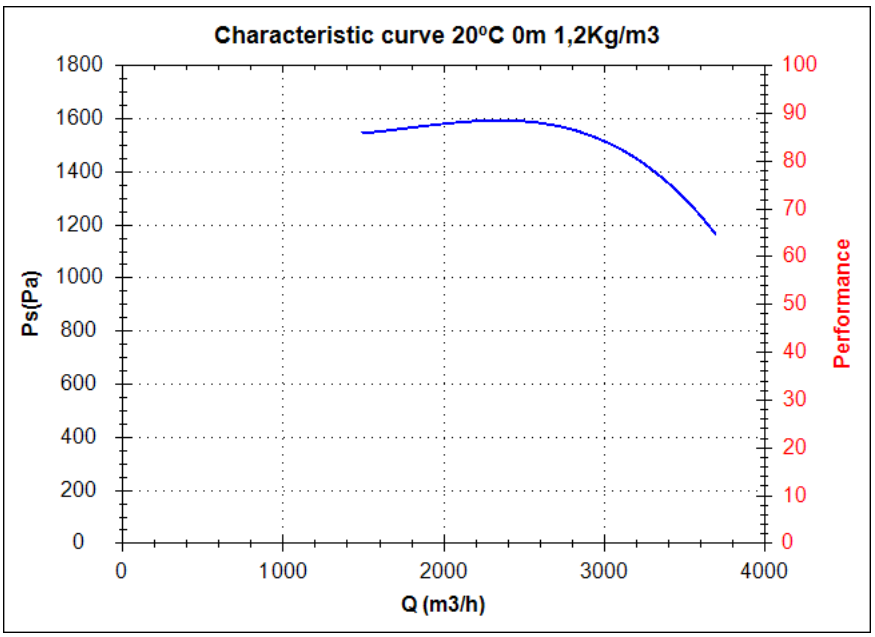
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

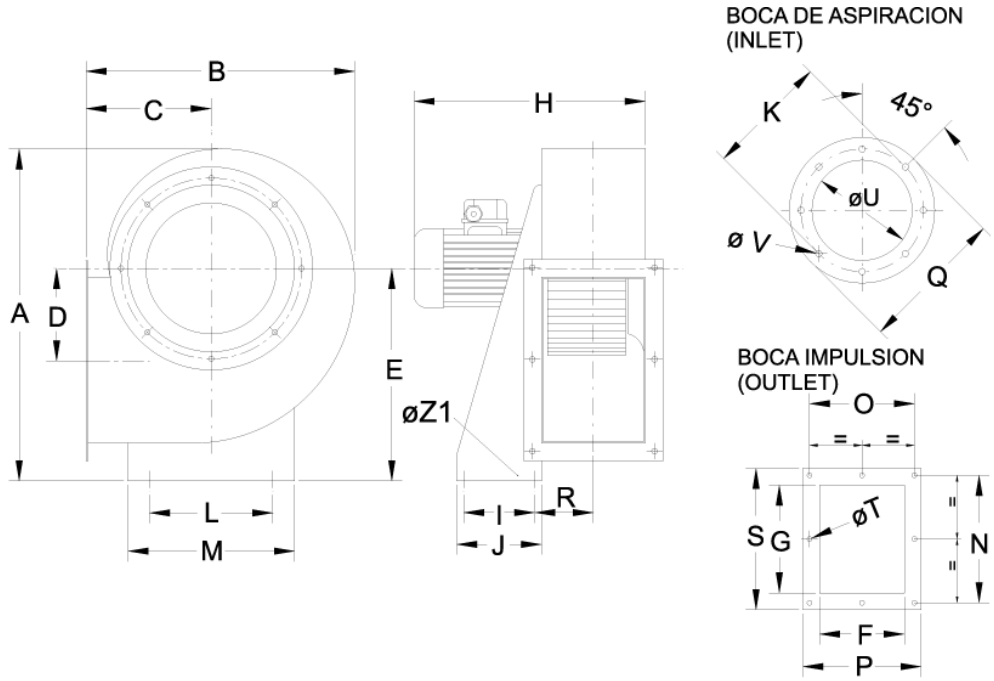
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	38
Maximum flow rate(m3/h)	3700

Power(kW)	3
Imax 230V(A)	11,1
Imax 400V(A)	6,4
Imax 690V(A)	-

MBX 25/10 T2 3kW

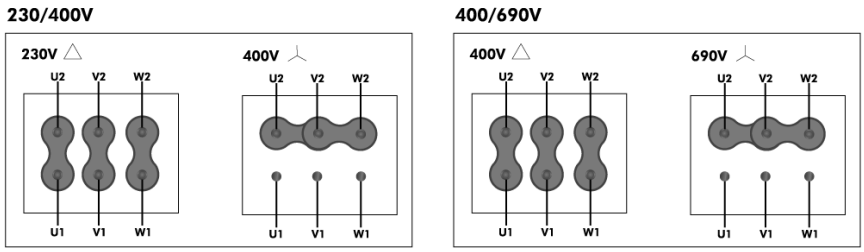
dimensions diagram



Dimensions (mm)

A=501	B=425	C=197	D=144	E=310	F=165	G=250	H=477	I=74	J=134	K=282	L=228
M=315	N=290	O=205	P=229	Q=306	R=113	S=314	TØ=9	UØ=203	VØ=9	Z1Ø=13	

Wiring diagram



MBX 25/10 T4 1,1kW

Series general data MBX

MANUFACTURING FEATURES

• Rolling steel sheet housing.
• Completely joined or welded housing.
• Single inlet forward curved impeller made of aluminium sheet.
• Epoxy powder finishing coat.
• Inlet sparkproof ring made of copper or aluminium.
• Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. ATEX certified EEx-d. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors up to 4kW, and 400/690V 50Hz for higher powers.

APPLICATIONS
Designed for inline installation, they are suitable for:
• General ventilation in closed environments classified as ATEX zone 2 or 22.
• Maximum air working temperature from -20ºC to 80ºC.

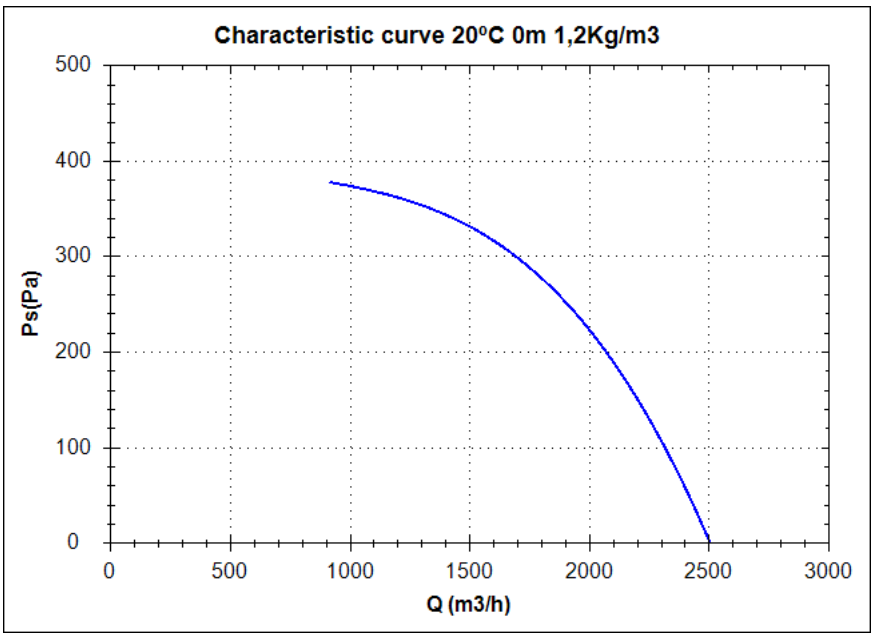
UNDER REQUEST
• 60Hz fans and special voltages.
• Special ATEX executions.

In compliance with the 94/9/CE Directive. ATEX II2G built. Certified II3G with certified ATEX EEx-d II2G motor for areas 2 (gas) or 22 (dust).

Series accessories MBX

AC BA- BAD CPM INT JE-45 PE EI RBS RFS SIL-C /

Characteristic curve



Design point

Q (m3/h)	
Ps(Pa)	

Service point

Impeller rpm	
Max. temp.(ºC)	
Q (m3/h)	
Ps(Pa)	
Pd(Pa)	
Pt(Pa)	
Air speed(m/s)	

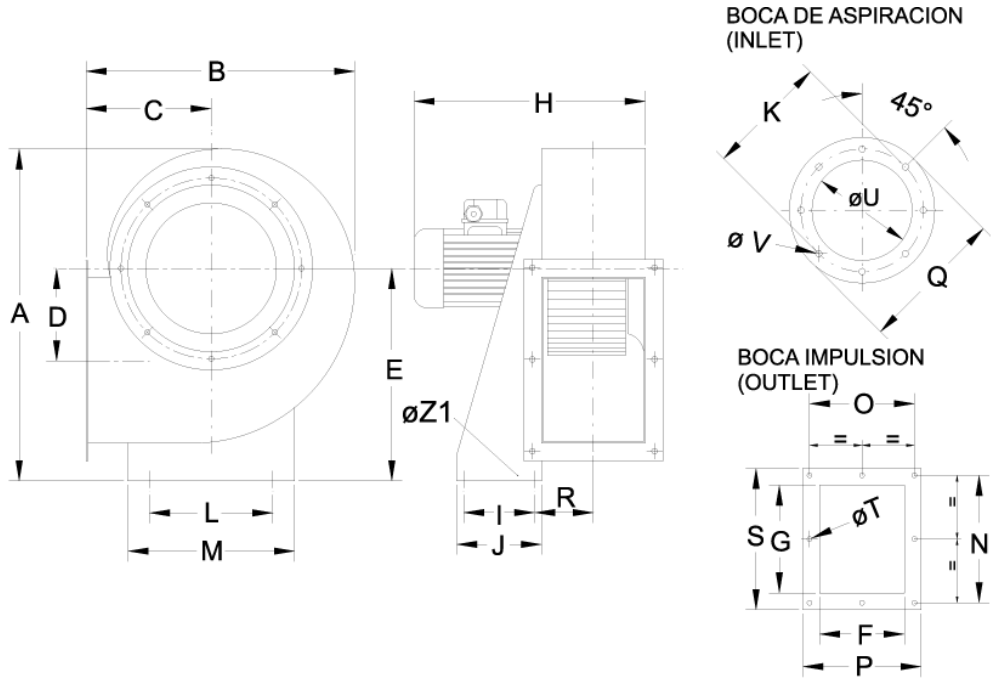
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	33
Maximum flow rate(m3/h)	2530

Power(kW)	1,1
Imax 230V(A)	4,74
Imax 400V(A)	2,75
Imax 690V(A)	-

MBX 25/10 T4 1,1kW

dimensions diagram



Dimensions (mm)

A=501	B=425	C=197	D=144	E=310	F=165	G=250	H=477	I=74	J=134	K=282	L=228
M=315	N=290	O=205	P=229	Q=306	R=113	S=314	TØ=9	UØ=203	VØ=9	Z1Ø=13	

Wiring diagram