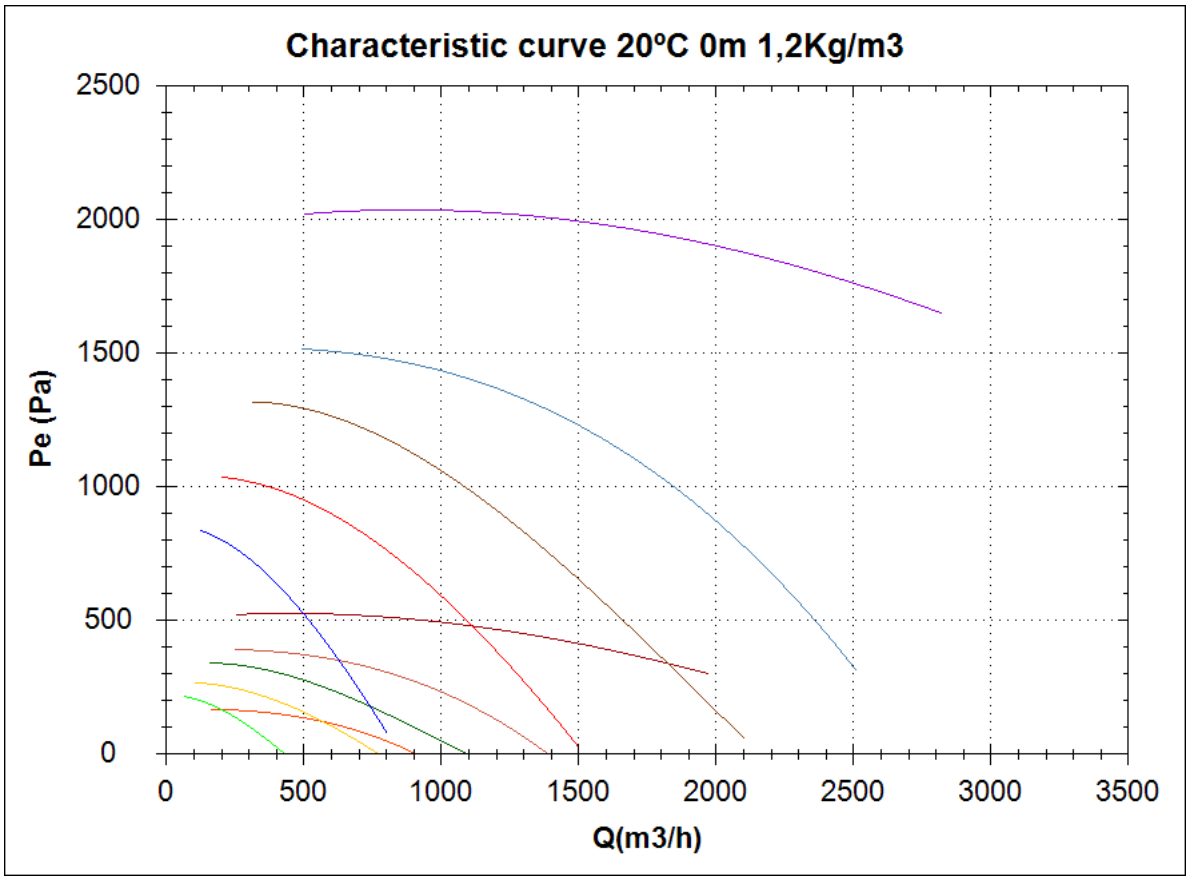
Comparative

Design point

Q (m3/h)	
Ps(Pa)	



		Model	Q(m3/h)	P (Pa)
	1	MBPC 20 T2 0,25kW		
	2	MBPC 20 T4 0,12kW		
	3	MBPC 25 T2 0,75kW		
	4	MBPC 25 T4 0,18kW		
	5	MBPC 28 T2 1,1kW		
	6	MBPC 28 T4 0,18kW		
	7	MBPC 31 T2 1,5kW		
	8	MBPC 31 T4 0,25kW		
	9	MBPC 31 T6 0,12kW		
	10	MBPC 35 T2 2,2kW		
	11	MBPC 35 T4 0,37kW		

MBPC 20 T2 0,25kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

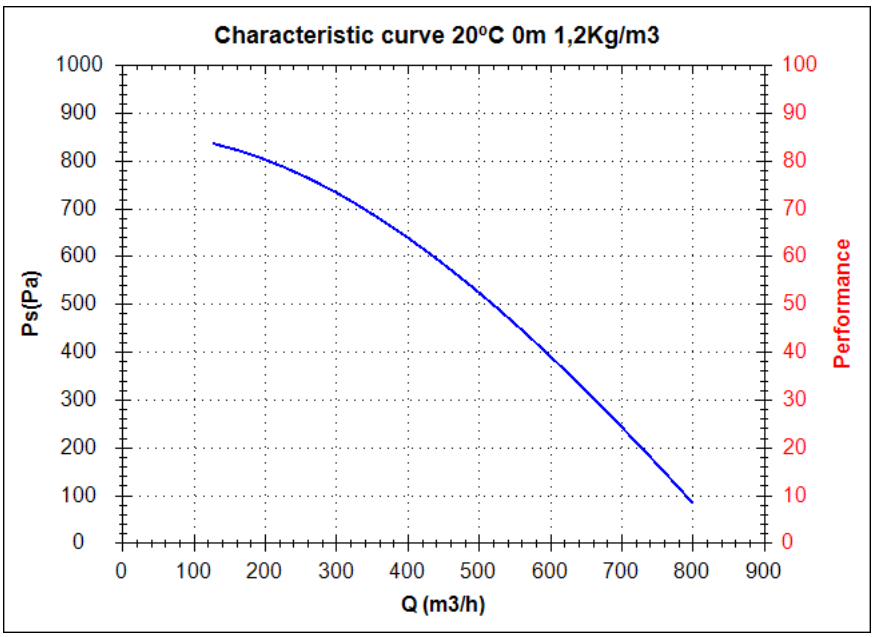
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

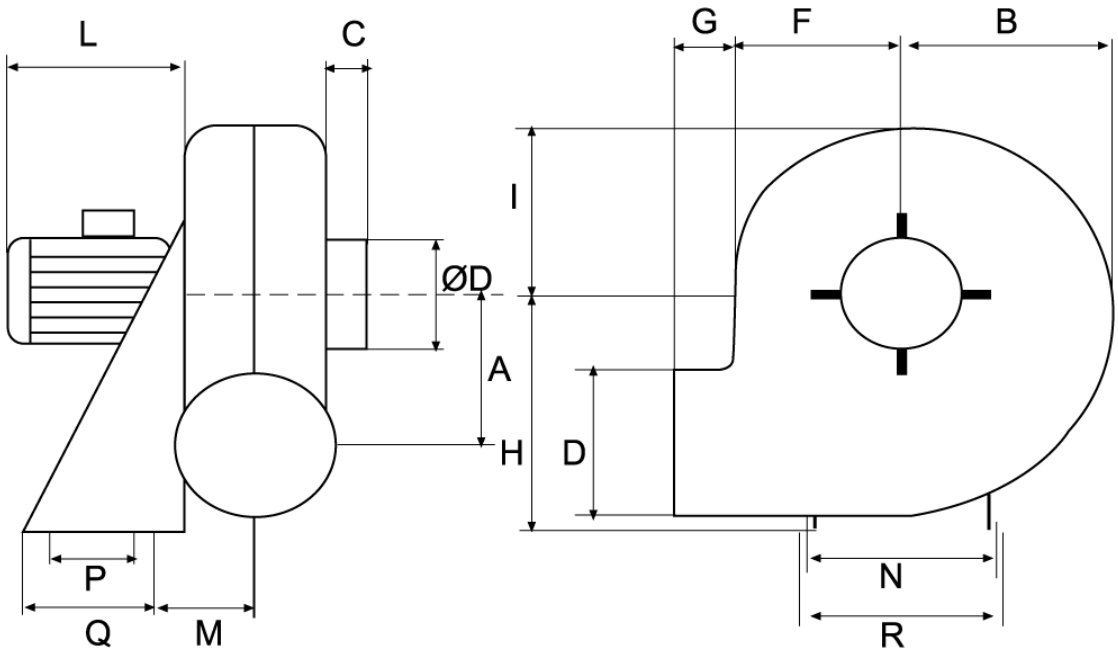
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	18
Maximum flow rate(m3/h)	800

Power(kW)	0,25
Imax 230V(A)	1,17
Imax 400V(A)	1,68
Imax 690V(A)	-

MBPC 20 T2 0,25kW

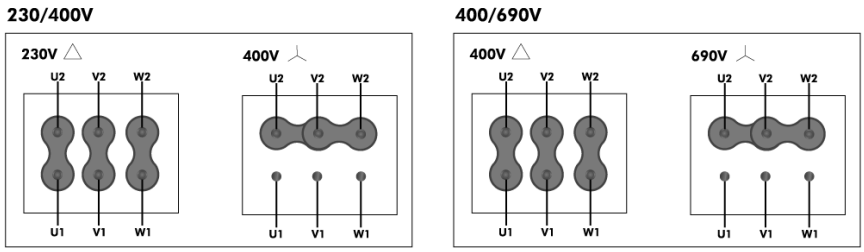
dimensions diagram



Dimensions (mm)

A=142	B=187	C=40	DØ=125	E=108	F=150	G=60	H=250	I=165	L=183	M=74	N=200
P=100	Q=140	R=235									

Wiring diagram



MBPC 20 T4 0,12kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

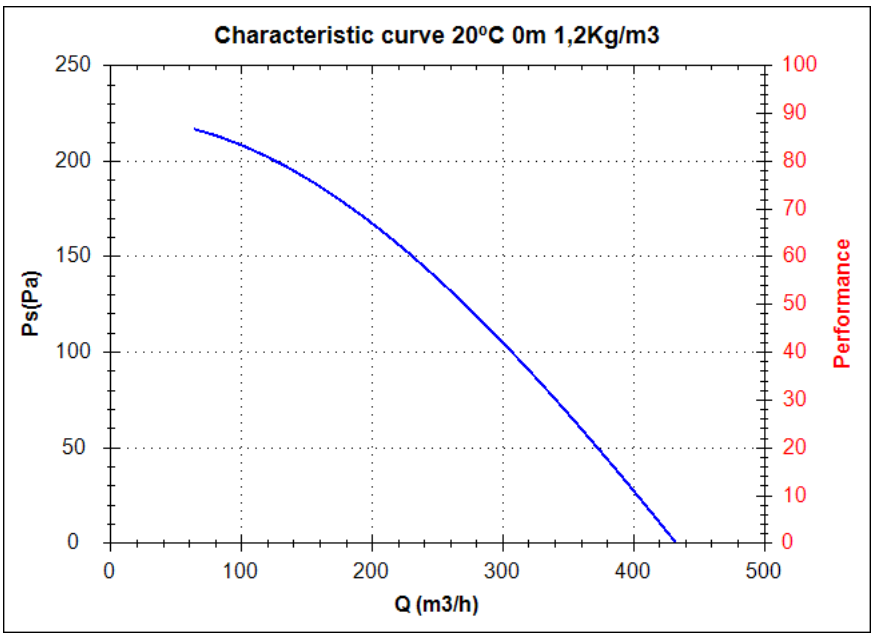
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

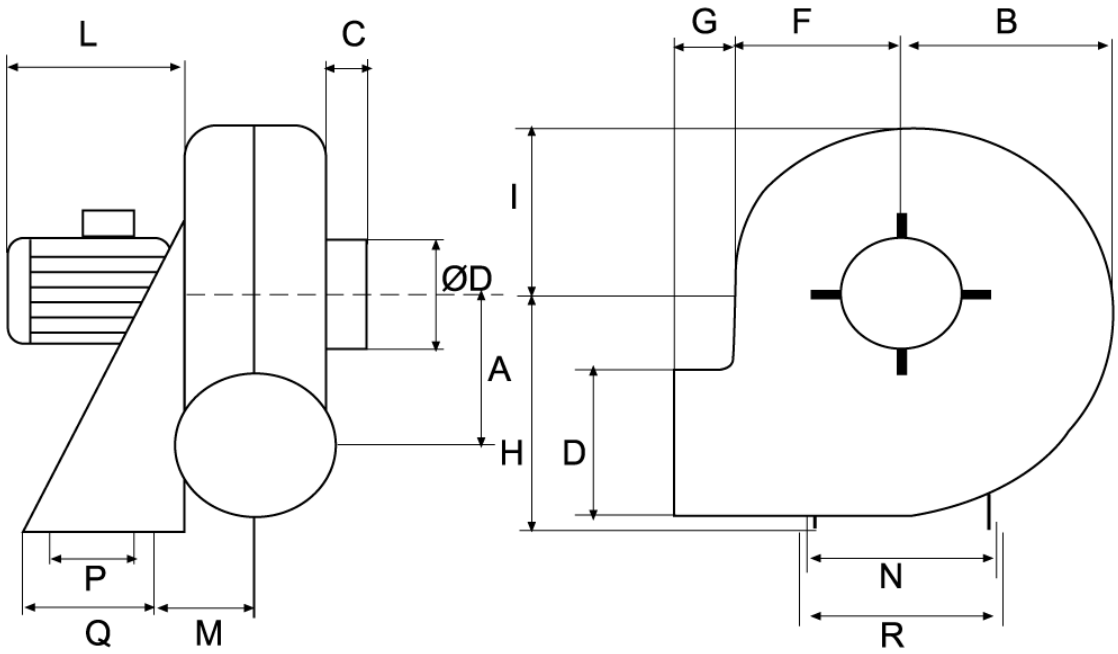
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	9
Maximum flow rate(m3/h)	440

Power(kW)	0,12
Imax 230V(A)	0,84
Imax 400V(A)	0,48
Imax 690V(A)	-

MBPC 20 T4 0,12kW

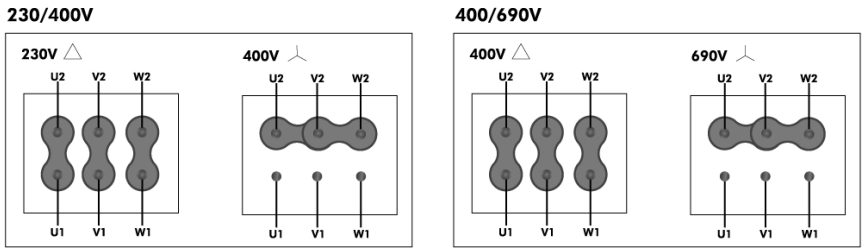
dimensions diagram



Dimensions (mm)

A=142	B=187	C=40	DØ=125	E=108	F=150	G=60	H=250	I=165	L=183	M=74	N=200
P=100	Q=140	R=235									

Wiring diagram



MBPC 25 T2 0,75kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

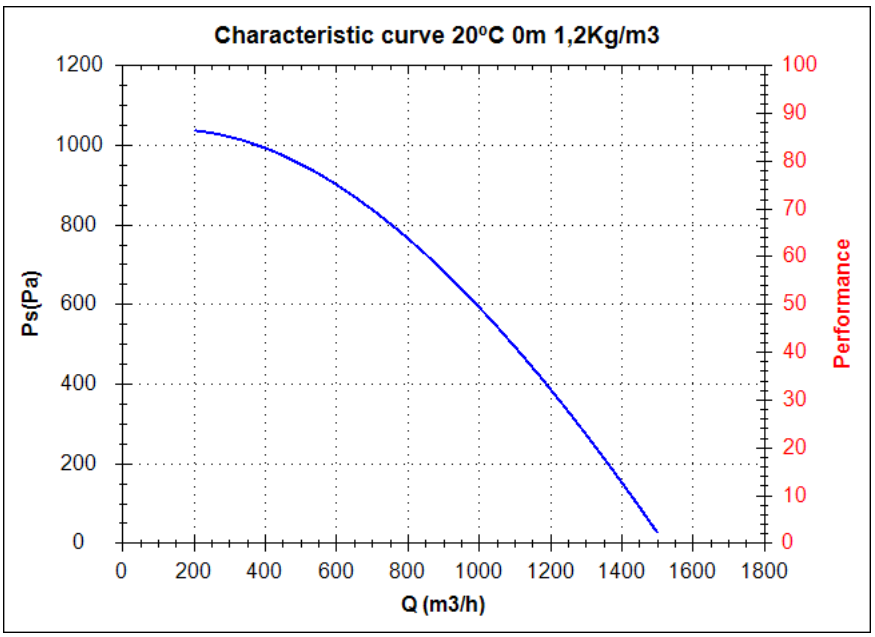
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

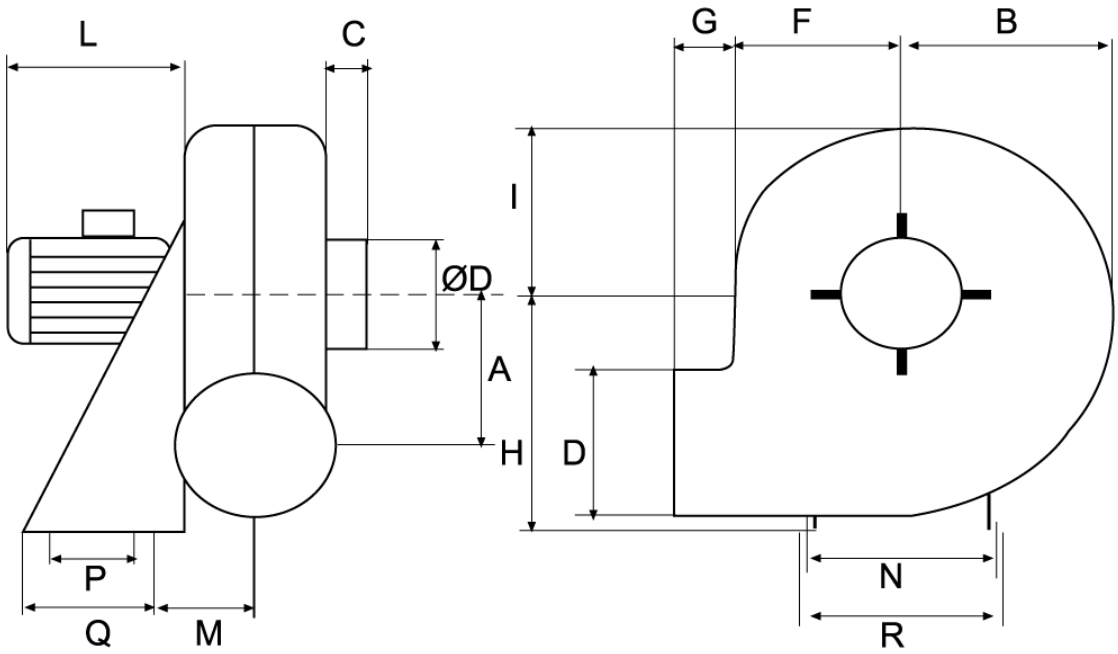
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	29
Maximum flow rate(m3/h)	1500

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

MBPC 25 T2 0,75kW

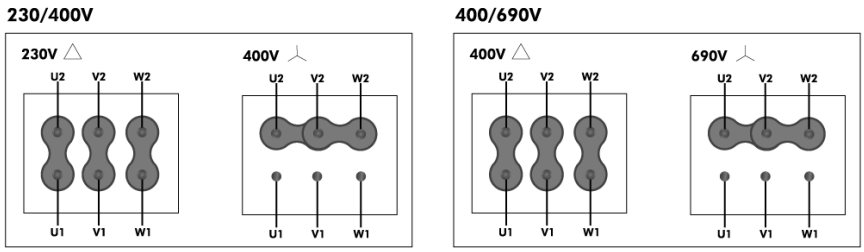
dimensions diagram



Dimensions (mm)

A=183	B=225	C=40	DØ=160	E=140	F=170	G=80	H=310	I=210	L=225	M=90	N=255
P=100	Q=140	R=290									

Wiring diagram



MBPC 25 T4 0,18kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

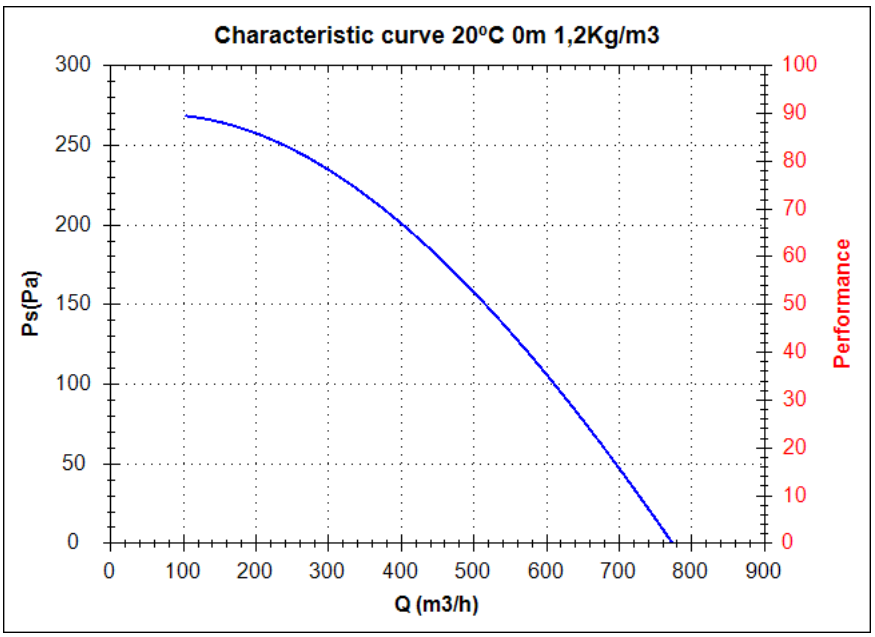
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

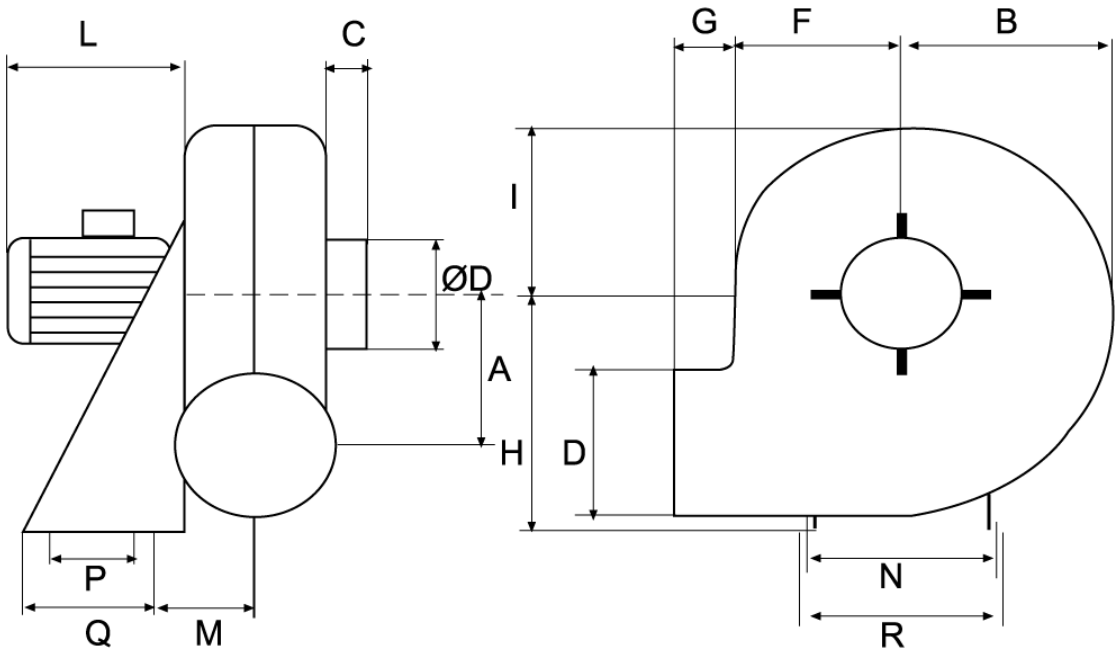
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	21
Maximum flow rate(m3/h)	780

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

MBPC 25 T4 0,18kW

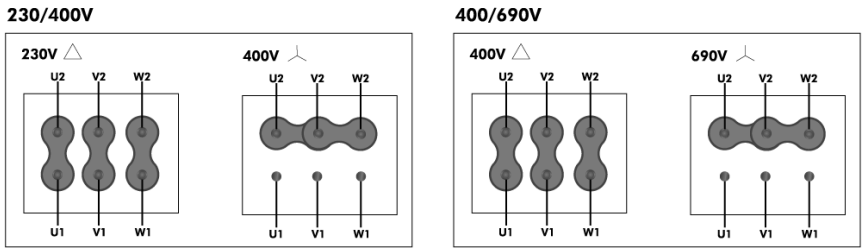
dimensions diagram



Dimensions (mm)

A=183	B=225	C=40	DØ=160	E=140	F=170	G=80	H=310	I=210	L=183	M=90	N=255
P=100	Q=140	R=290									

Wiring diagram



MBPC 28 T2 1,1kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

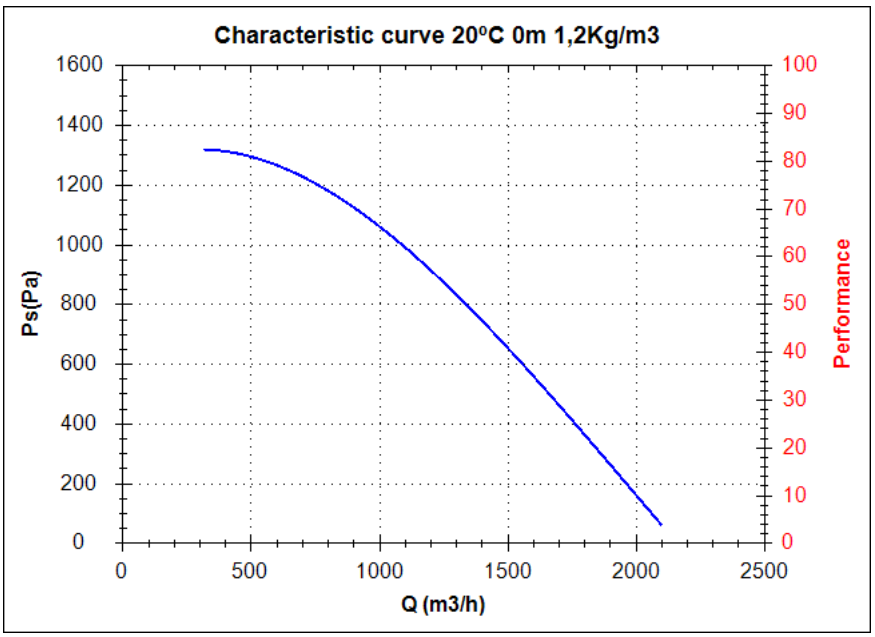
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

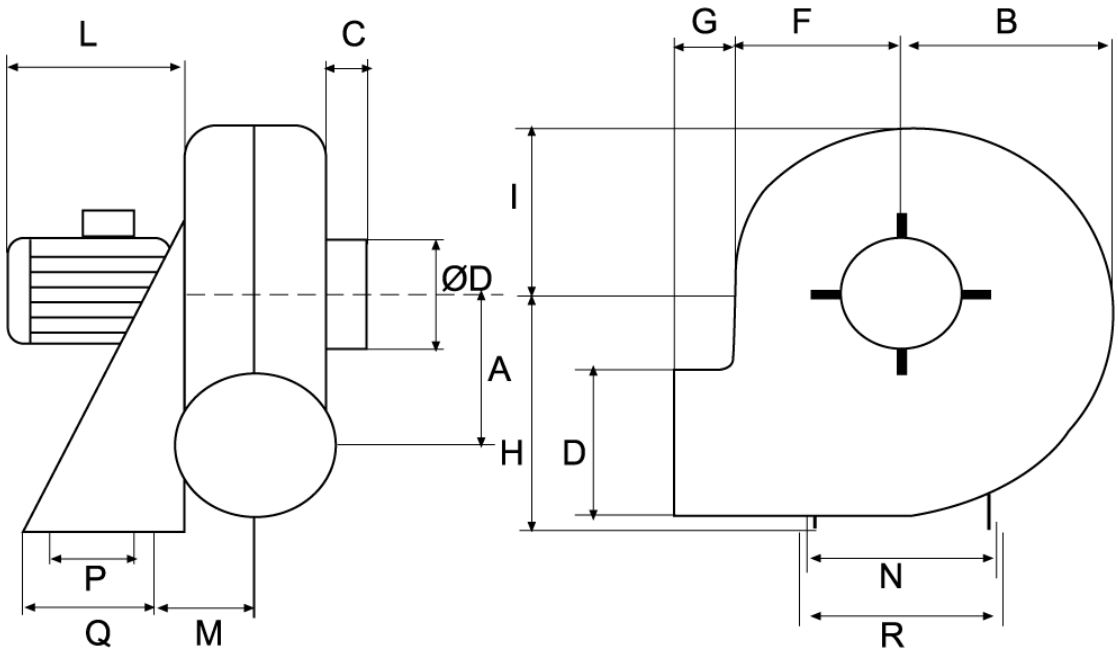
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	20
Maximum flow rate(m3/h)	2100

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

MBPC 28 T2 1,1kW

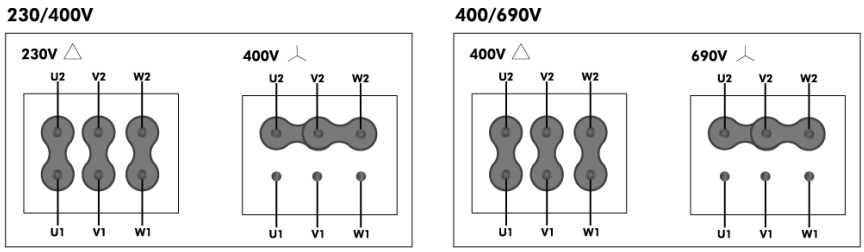
dimensions diagram



Dimensions (mm)

A=208	B=255	C=40	DØ=180	E=150	F=185	G=80	H=350	I=230	L=225	M=110	N=277
P=120	Q=190	R=320									

Wiring diagram



MBPC 28 T4 0,18kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

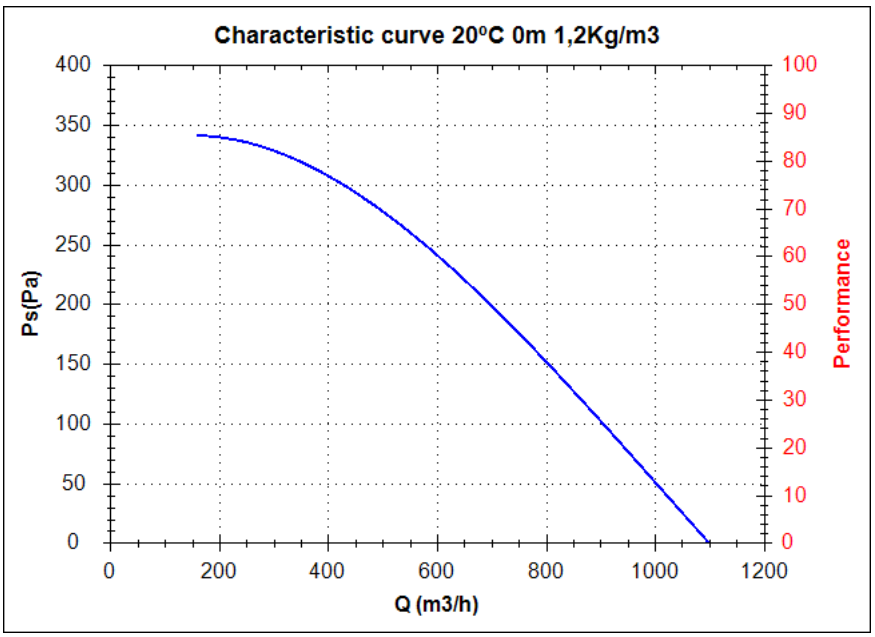
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

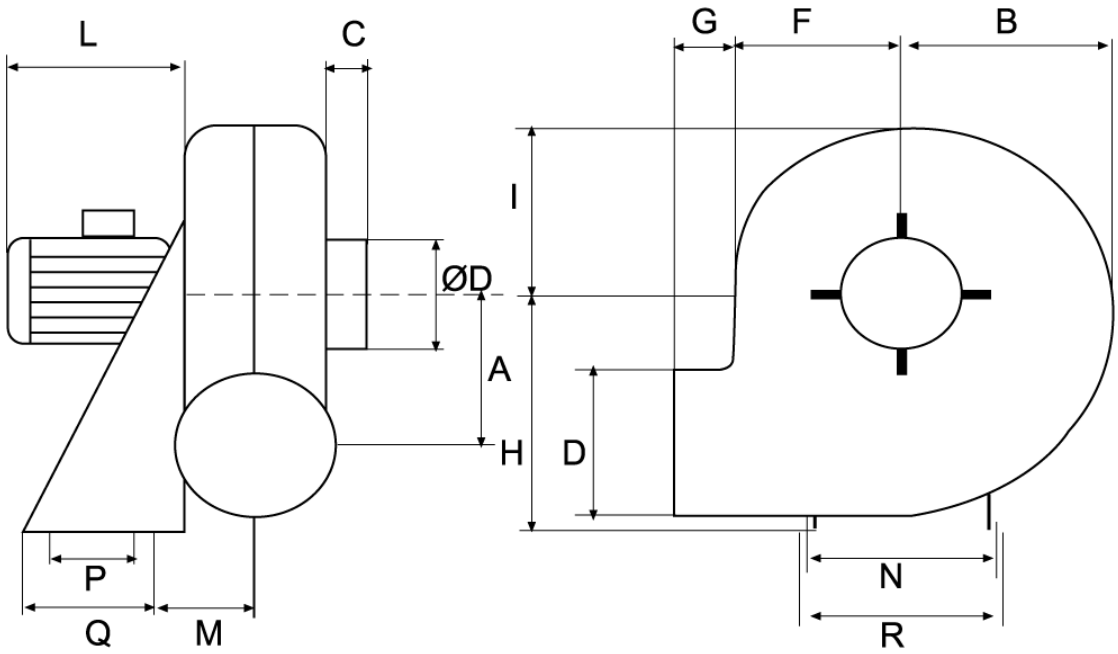
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	16
Maximum flow rate(m3/h)	1100

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

MBPC 28 T4 0,18kW

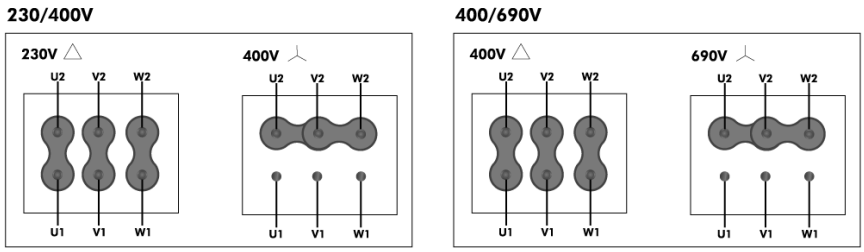
dimensions diagram



Dimensions (mm)

A=208	B=255	C=40	DØ=180	E=150	F=185	G=80	H=350	I=230	L=183	M=110	N=277
P=120	Q=190	R=320									

Wiring diagram



MBPC 31 T2 1,5kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

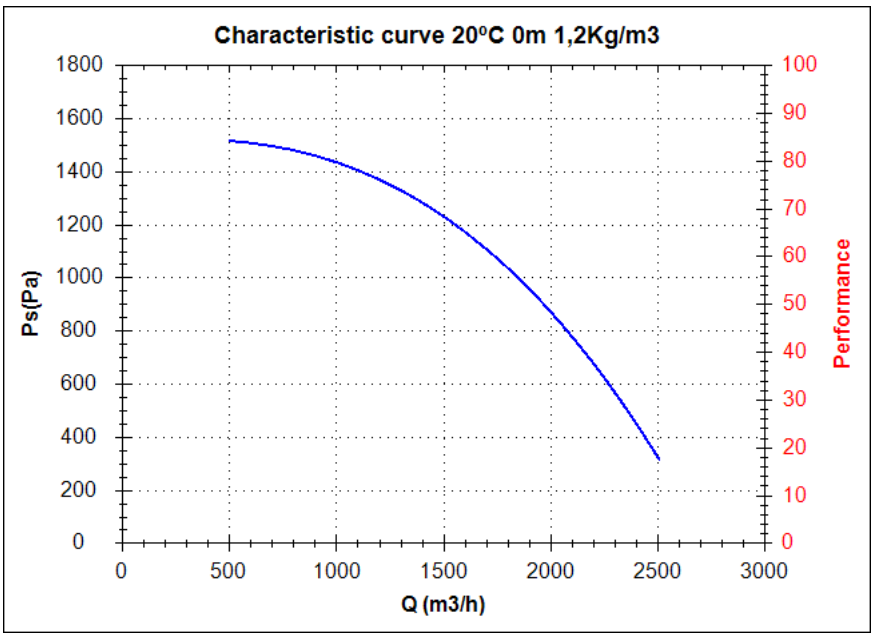
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

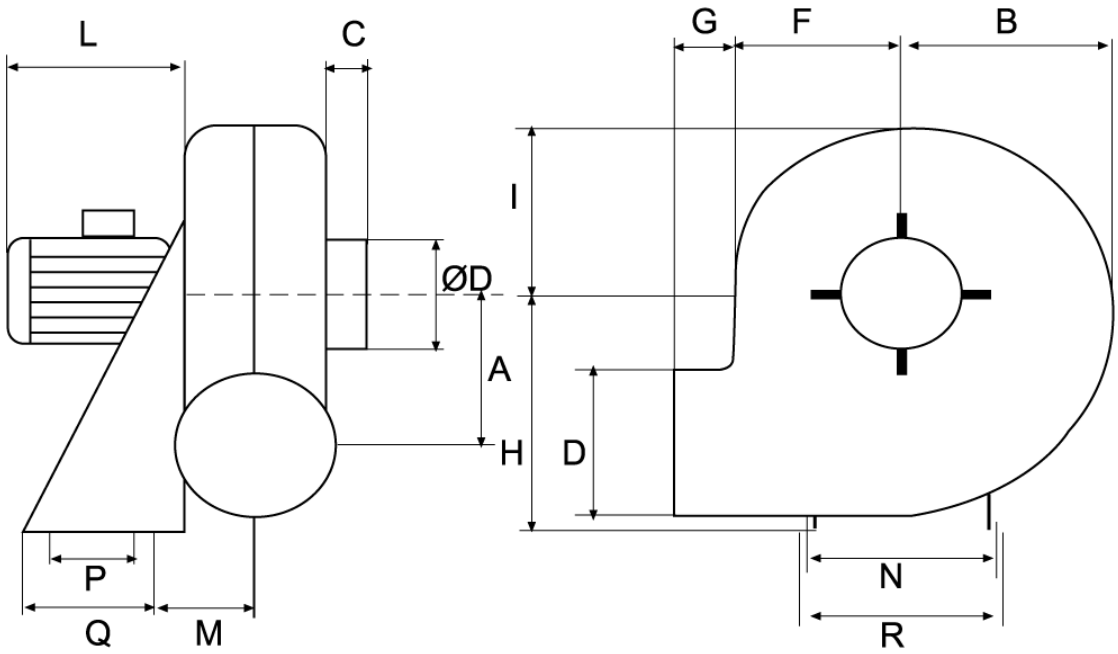
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	31
Maximum flow rate(m3/h)	2510

Power(kW)	1,5
Imax 230V(A)	6,01
Imax 400V(A)	3,48
Imax 690V(A)	-

MBPC 31 T2 1,5kW

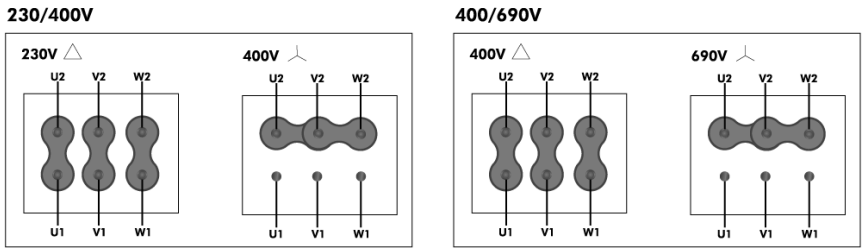
dimensions diagram



Dimensions (mm)

A=240	B=275	C=40	DØ=200	E=155	F=205	G=80	H=410	I=245	L=260	M=117	N=320
P=150	Q=230	R=355									

Wiring diagram



MBPC 31 T4 0,25kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

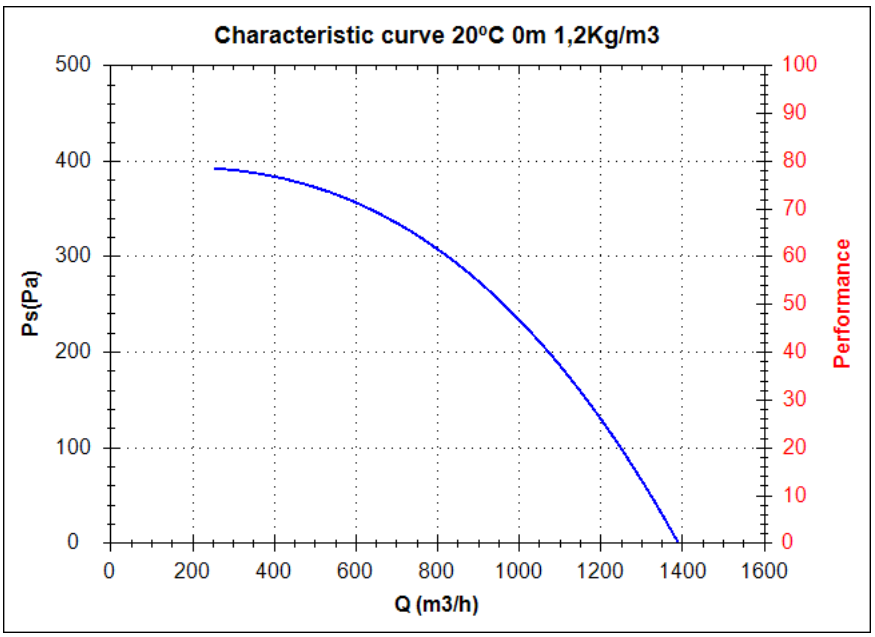
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

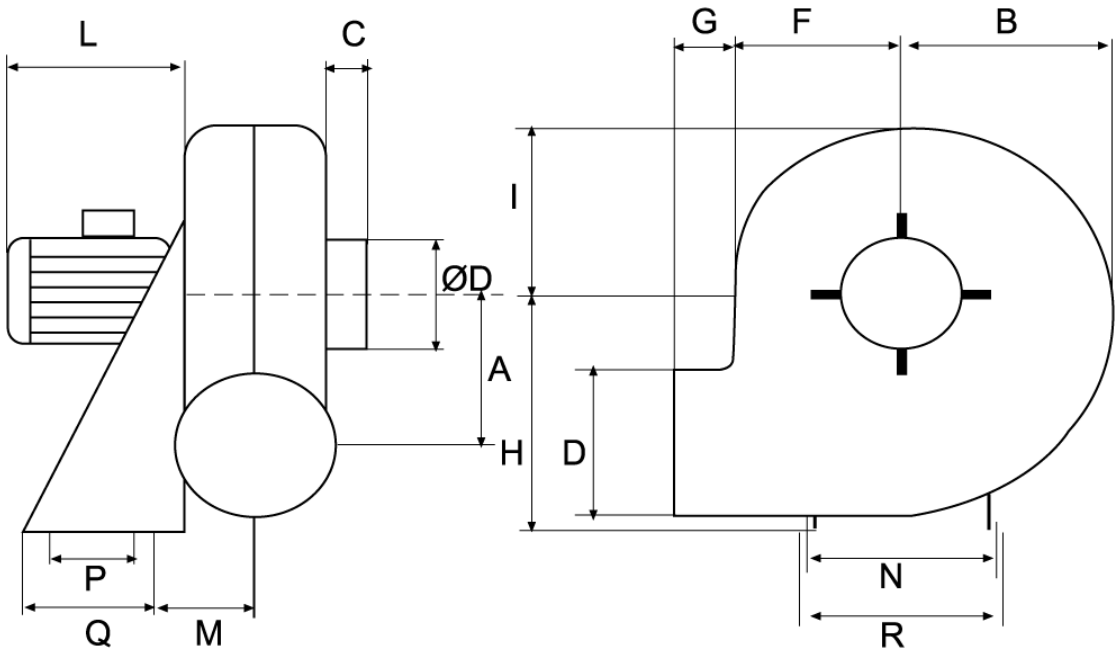
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	24
Maximum flow rate(m3/h)	1400

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

MBPC 31 T4 0,25kW

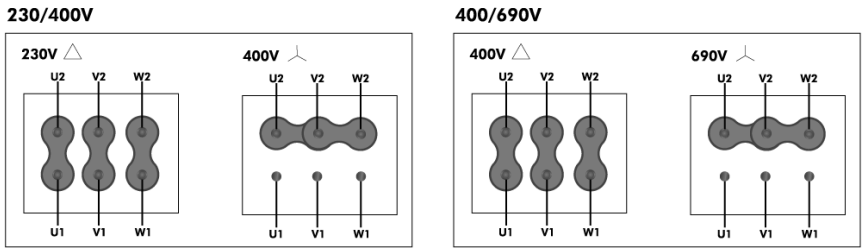
dimensions diagram



Dimensions (mm)

A=240	B=275	C=40	DØ=200	E=155	F=205	G=80	H=410	I=245	L=205	M=117	N=320
P=150	Q=230	R=355									

Wiring diagram



MBPC 31 T6 0,12kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

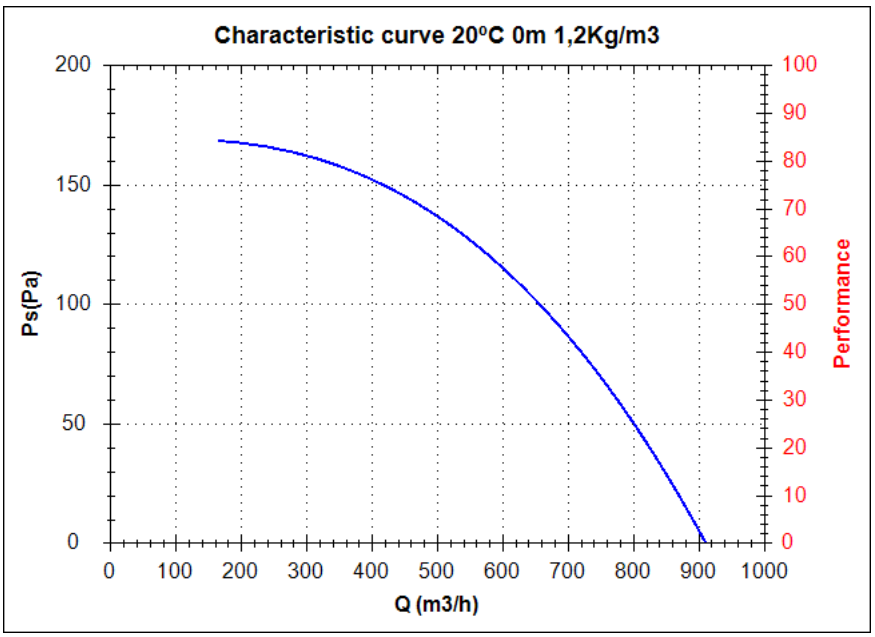
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

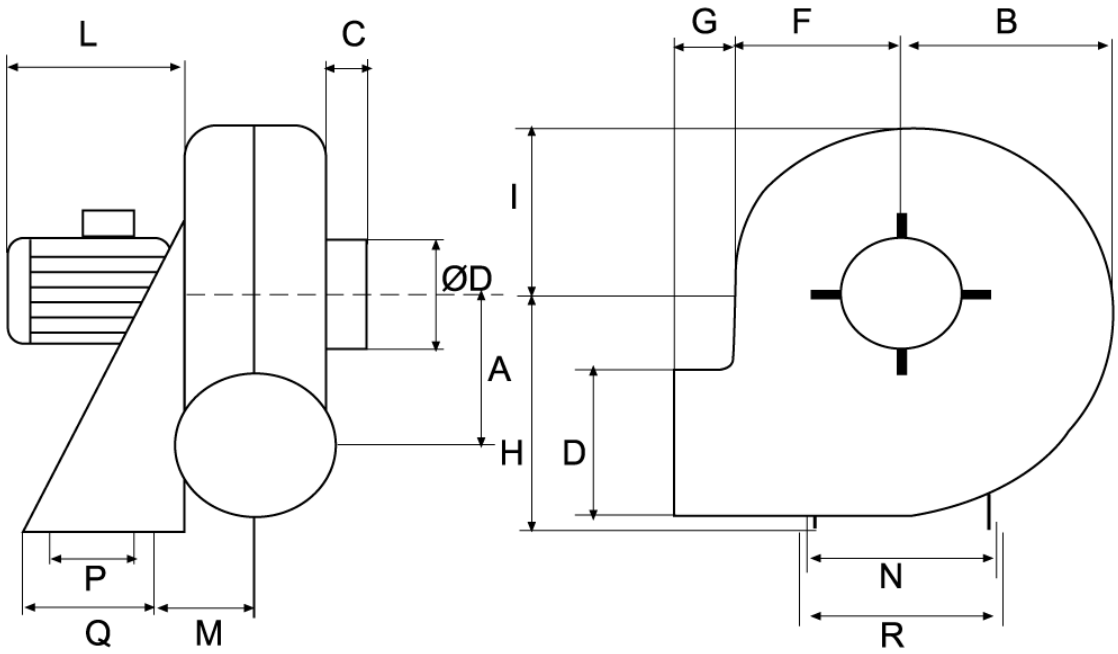
Technical data

Impeller rpm	850
Motor rpm	850
Approx. weight(kg)	20
Maximum flow rate(m3/h)	920

Power(kW)	0,12
Imax 230V(A)	1,08
Imax 400V(A)	0,62
Imax 690V(A)	-

MBPC 31 T6 0,12kW

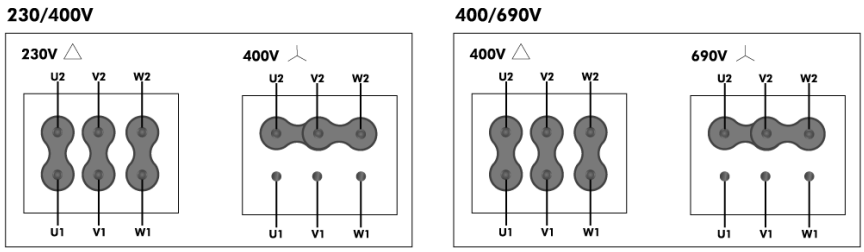
dimensions diagram



Dimensions (mm)

A=240	B=275	C=40	DØ=200	E=155	F=205	G=80	H=410	I=245	L=183	M=117	N=320
P=150	Q=230	R=355									

Wiring diagram



MBPC 35 T2 2,2kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

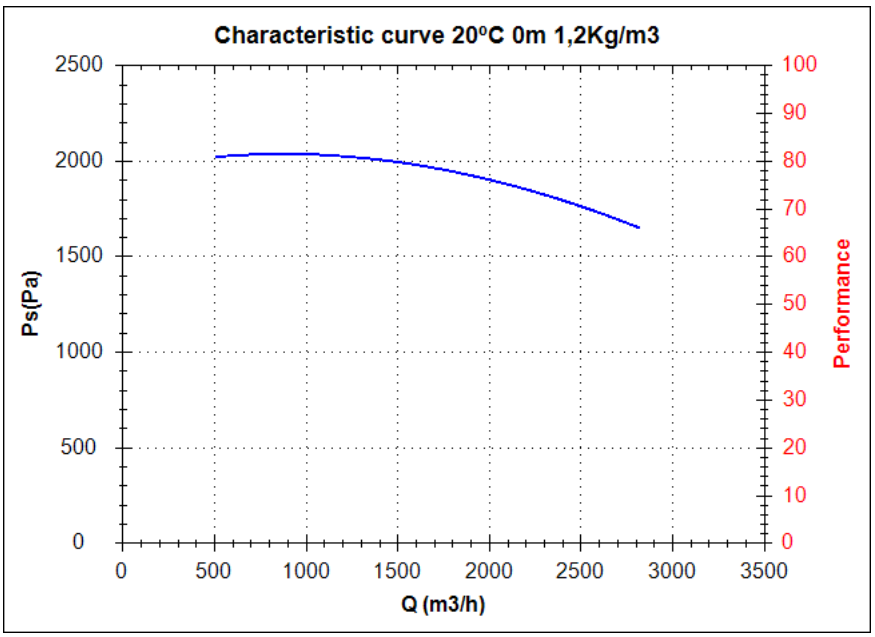
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

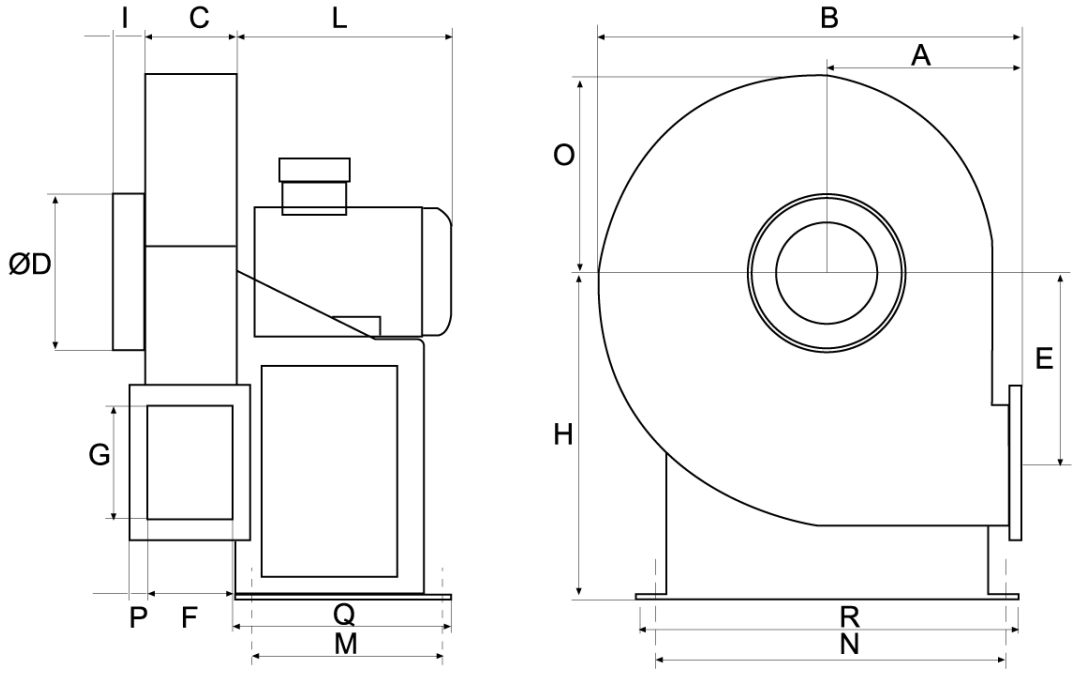
Technical data

Impeller rpm	2800
Motor rpm	2800
Approx. weight(kg)	50
Maximum flow rate(m3/h)	2820

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

MBPC 35 T2 2,2kW

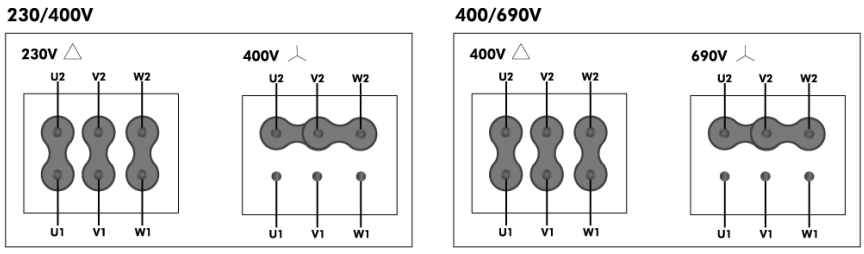
dimensions diagram



Dimensions (mm)

A=271	B=598	C=175	DØ=225	E=275	F=165	G=220	H=445	I=50	L=270	M=150	N=350
O=285	P=40	Q=230	R=385								

Wiring diagram



MBPC 35 T4 0,37kW

Series general data MBPC

MANUFACTURING FEATURES:
•PE plastic housing (antistatic PE-el for ATEX units).
•Forward curved impeller in PP plastic.
•Motor support made of rolled steel sheet with epoxy powder finishing coat.
•Stainless steel nuts and bolts.
•Standard asynchronous squirrel-cage motor, IP-55, class F insulation. Standard voltages 230/400V 50Hz.

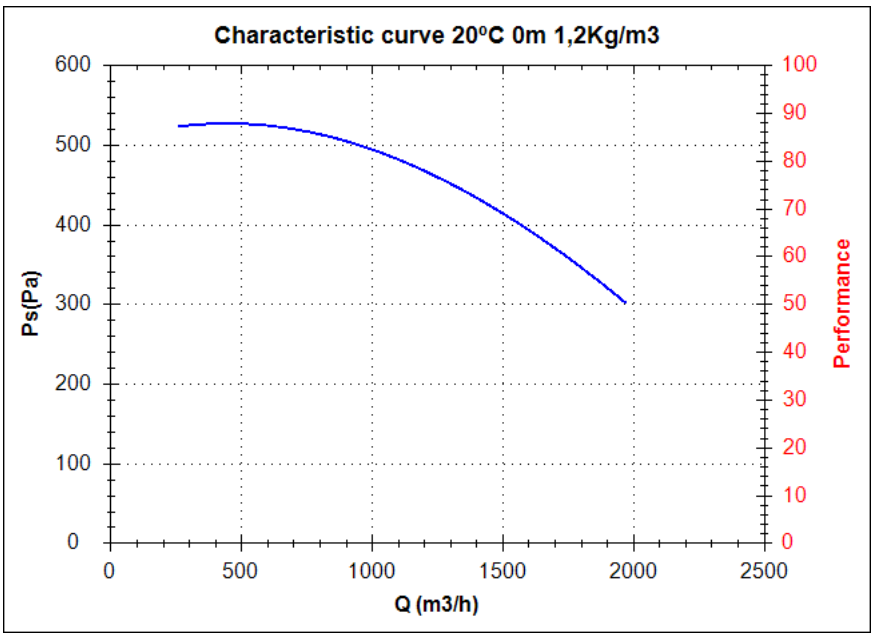
APPLICATIONS:
Designed for inline installation, they are suitable for:
• Corrosive air transport.
• Chemical and petrochemical industry.
• Laboratories and gas cabinets.
• Maximum working temperature: 50ºC.

UNDER REQUEST:
•Single phase motors (up to 1,5kW).
•60Hz fans and special voltages fans.
•2 speed motors.
•Stainless steel motor support.
•Casing made of PP.

Series accessories MBPC

BA- JE-45 CPM PE RFS INT

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)	

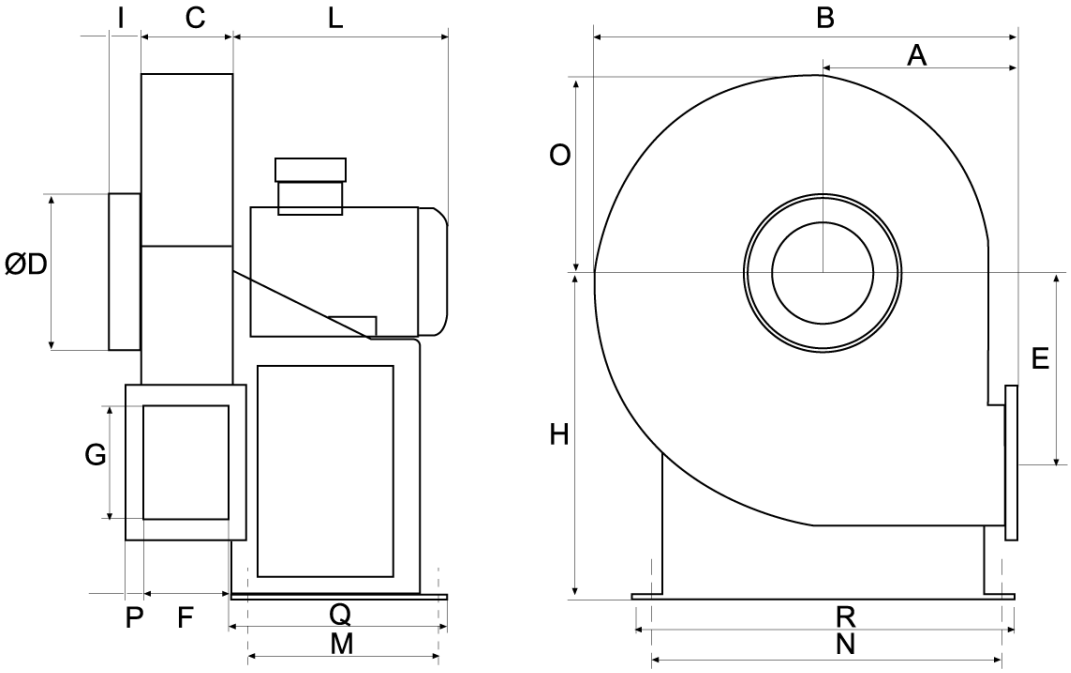
Technical data

Impeller rpm	1400
Motor rpm	1400
Approx. weight(kg)	40
Maximum flow rate(m3/h)	1970

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

MBPC 35 T4 0,37kW

dimensions diagram



Dimensions (mm)

A=271	B=598	C=175	DØ=225	E=275	F=165	G=220	H=445	I=50	L=210	M=150	N=350
O=285	P=40	Q=230	R=385								

Wiring diagram