

MB 80

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

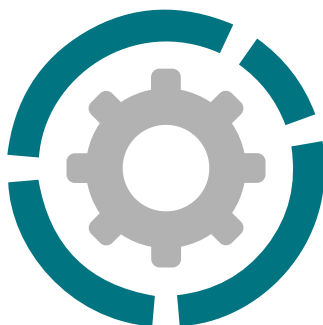
ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

Specifications and types



Suction fittings	G 1 1/2 f or DN 40
Delivery fittings	G 1" m or DN 25
Max flow rate	6 m3/h
Max head	7.5 m
Viscosity up to	500 cps
Standard open impeller	Ø 85 mm H 9 mm *
Passing solids	Ø max 5 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	1.7 Kg*
	Max 3°C min.
	65°C max
PVDF (with carbon additive)	2.2 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	0.37
HP	0.5
Box	B3 + B14
RPM	2900

THREE-PHASE 230/400 V

50/60 Hz

2 poles

IE1 efficiency class

IP55 protection rating

Ambient temperature -30°C + 45°C

Aluminium/Cast iron

SINGLE-PHASE on request

ATEX on request

PVDF



MAIN APPLICATION SECTORS



AUTOMOTIVE



CHEMICAL INDUSTRY

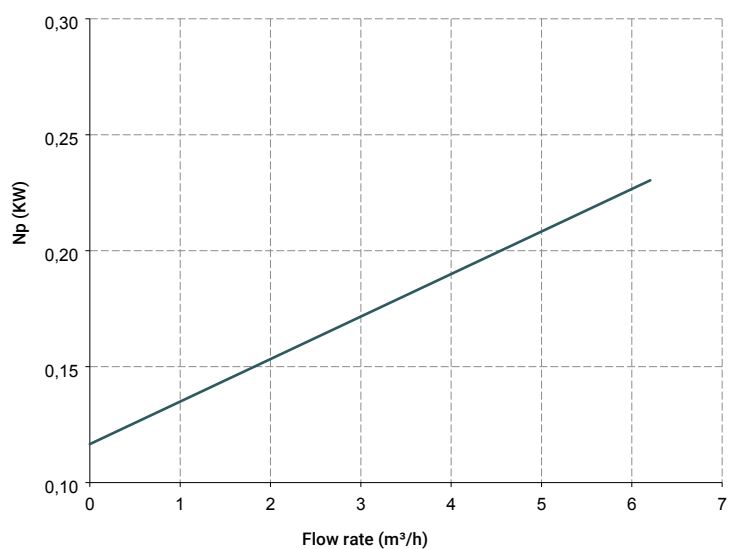
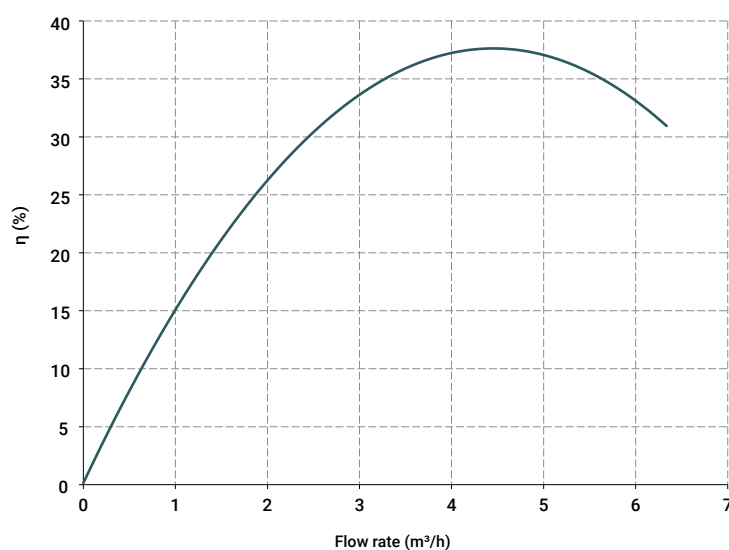
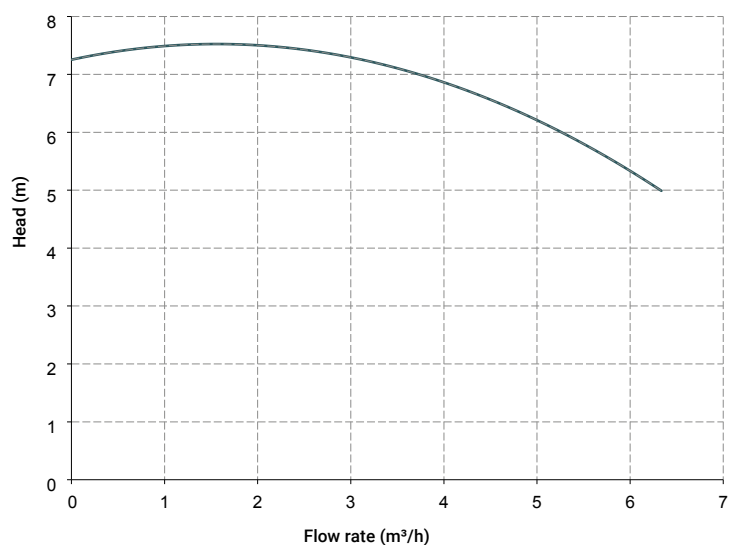


WATER AND SLUDGE
TREATMENT



GALVANIC AND ELECTRONIC
INDUSTRY

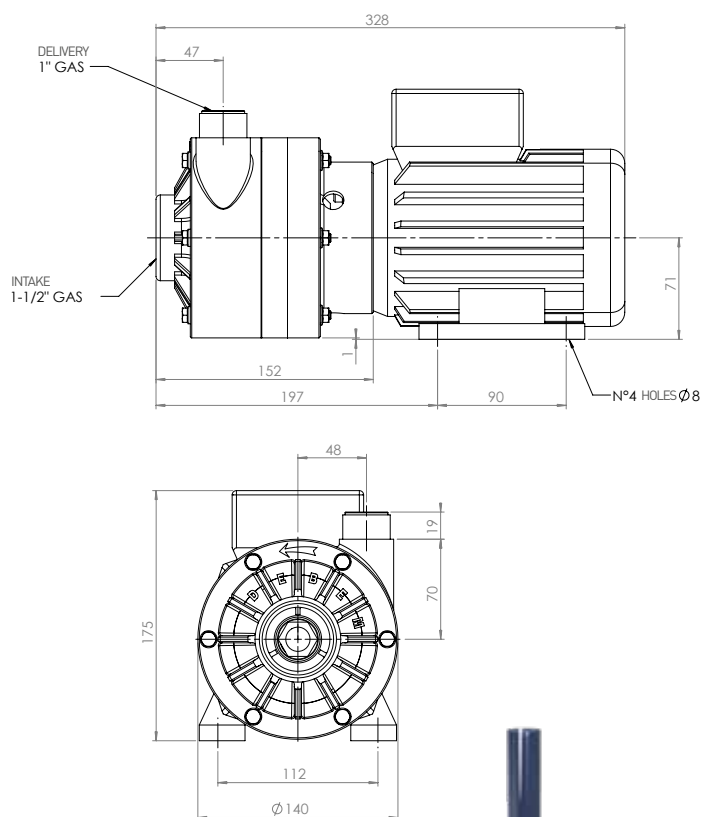
Specifications and types



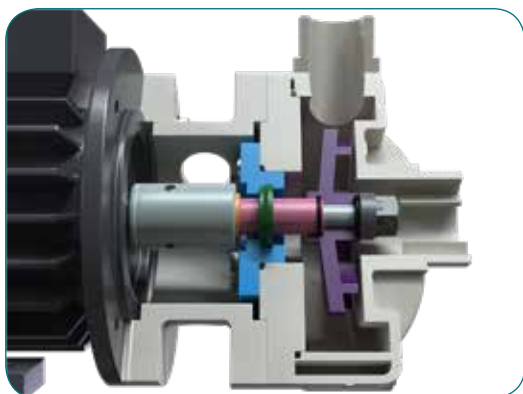
The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

Specifications and types

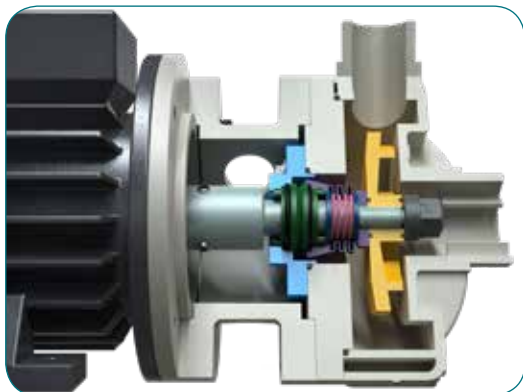
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
- cm 50 x 25 x 35 – weight 7 Kg
- (The weight refers to the package only, without the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB080P (POLYPROPYLENE)
- KITFLANGMB080F (PVDF)

Polypropylene or PVDF basket strainers

MB 100

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

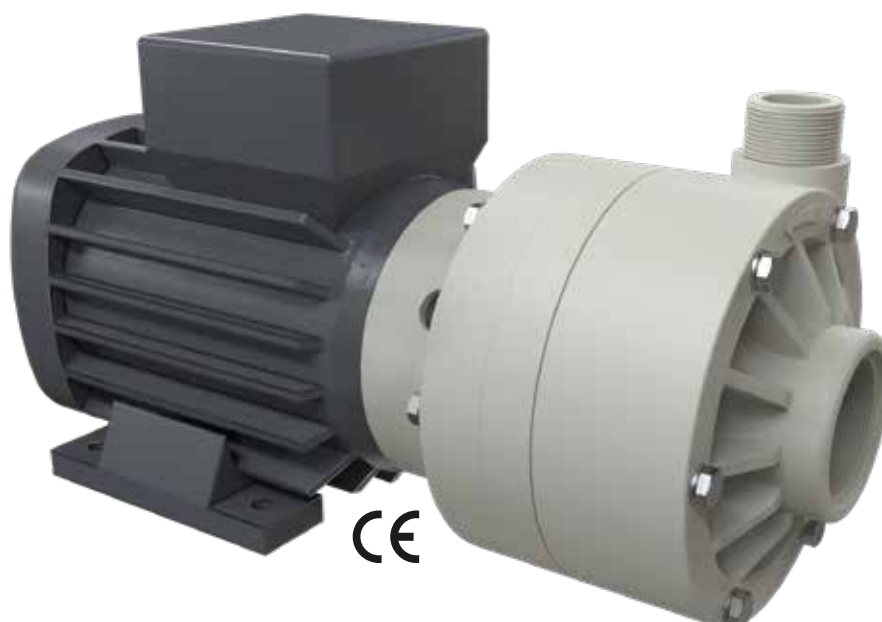
Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN
MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

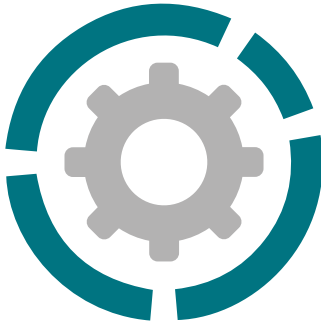
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 100

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 1" 1/2 f or DN 40
Delivery fittings	G 1" m or DN 25
Max flow rate	9 m ³ /h
Max head	10.5 m
Viscosity up to	500 cps
Standard open impeller	Ø 97 mm H 12 mm *
Passing solids	Ø max 7 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	1.7 Kg*
	Max 3°C min.
	65°C max
PVDF (with carbon additive)	2.2 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	0.55
HP	0.75
Box	B3 + B14
RPM	2900

THREE-PHASE 230/400 V

50/60 Hz

2 poles

Efficiency class IE1

IP55 protection rating

Ambient temperature -30°C + 45°C

Aluminium/Cast iron

SINGLE-PHASE on request

ATEX on request

PVDF



MAIN APPLICATION SECTORS



AUTOMOTIVE



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



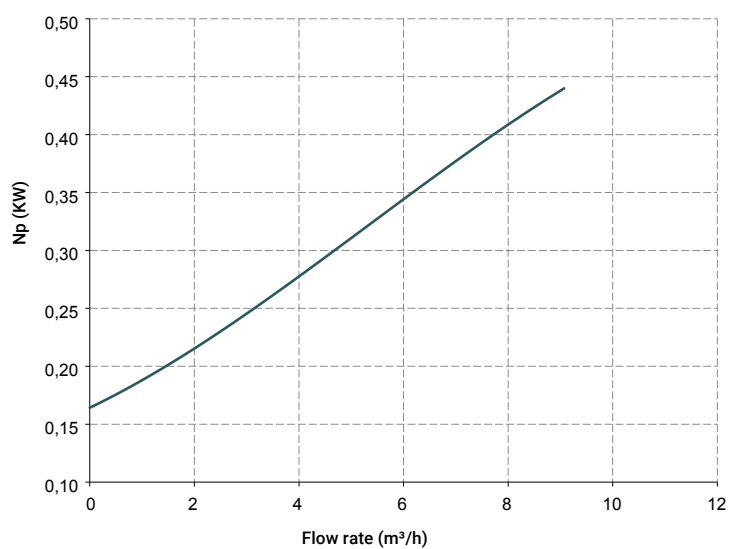
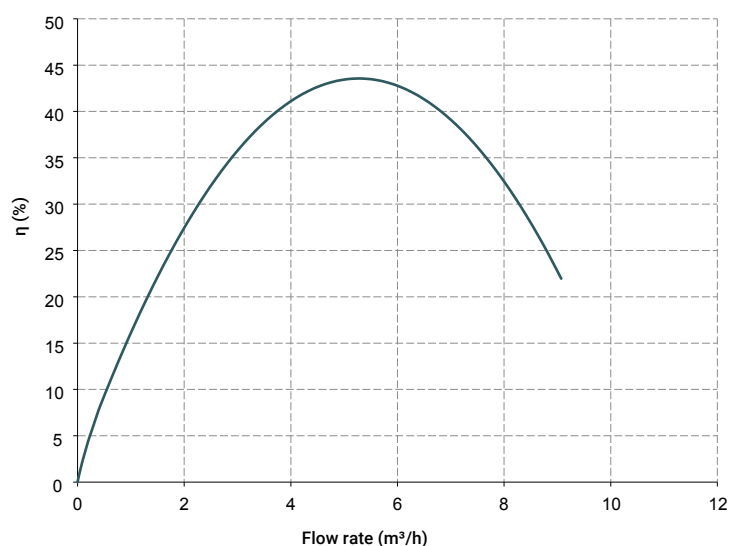
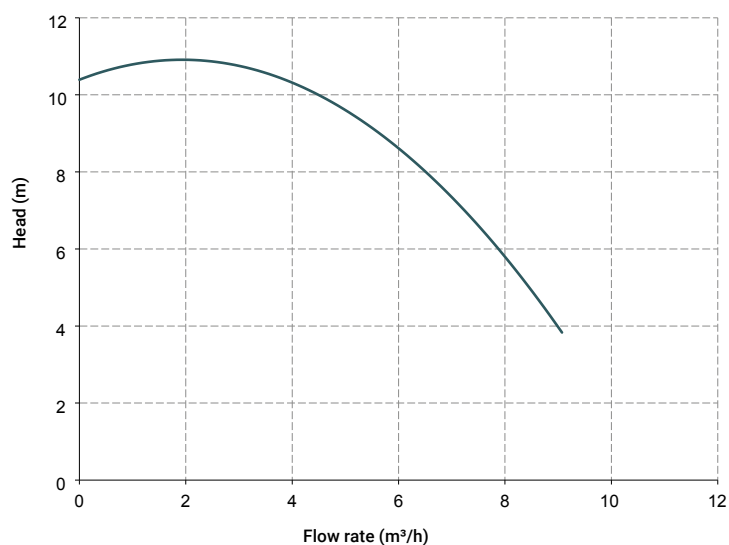
GALVANIC AND ELECTRONIC
INDUSTRY

MB 100

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

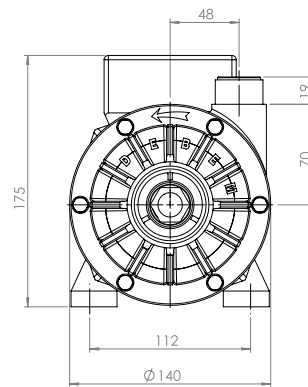
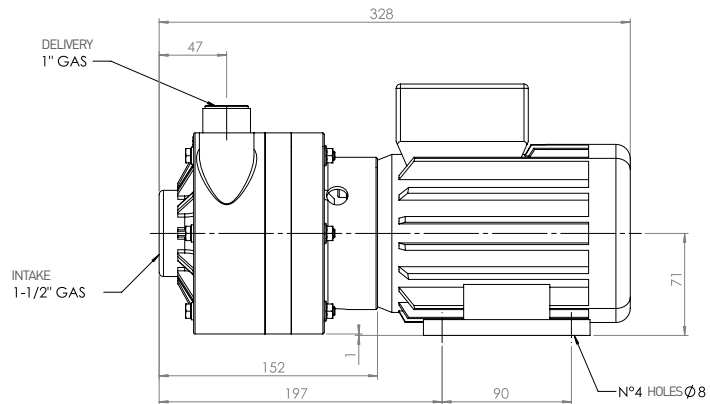
MB 100

HORIZONTAL CENTRIFUGAL PUMPS

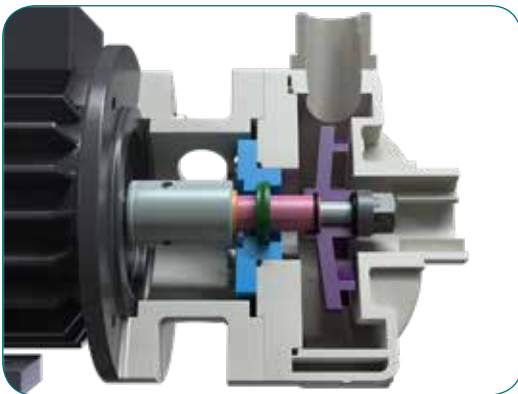


Specifications and types

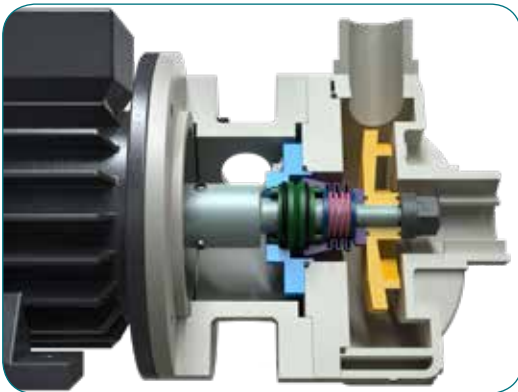
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



UNDER HEAD USE

Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
- cm 50 x 25 x 35 – weight 7 Kg
- (The weight refers to the package only, without the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB100P (POLYPROPYLENE)
- KITFLANGMB100F (PVDF)

Polypropylene or PVDF basket strainers

MB 110

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

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Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

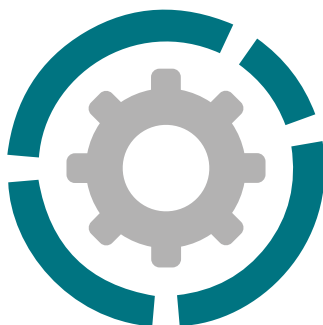
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 110

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" m or DN 50
Delivery fittings	G 1 1/2 m or DN 40
Max flow rate	20 m ³ /h
Max head	15 m
Viscosity up to	500 cps
Standard open impeller	Ø 130 mm H 4 mm *
Passing solids	Ø max 2 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	3.4 Kg*
	Max 3°C min.
	65°C max
PVDF (with carbon additive)	4.3 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	1.1
HP	1.5
Box	B3 + B5
RPM	2900

THREE-PHASE 230/400 V

50/60 Hz

2 poles

Efficiency class IE3

IP55 protection rating

Ambient temperature -30°C + 45°C

Aluminium/Cast iron

SINGLE-PHASE on request

ATEX on request

PVDF



MAIN APPLICATION SECTORS



AUTOMOTIVE



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



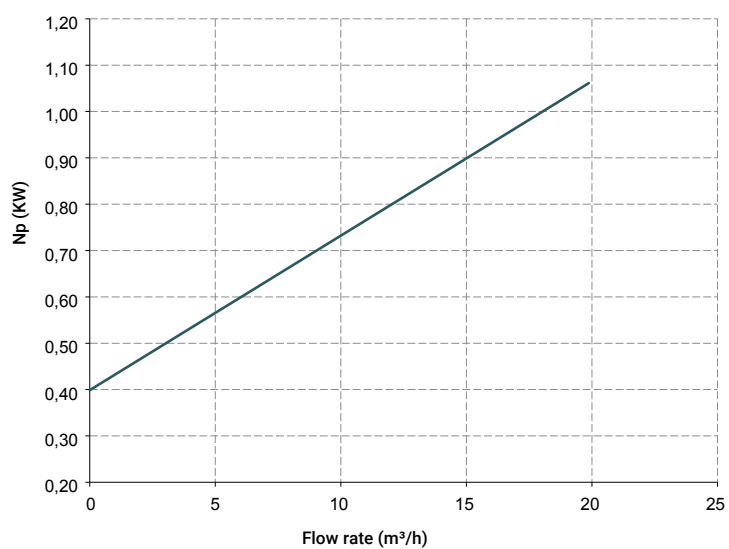
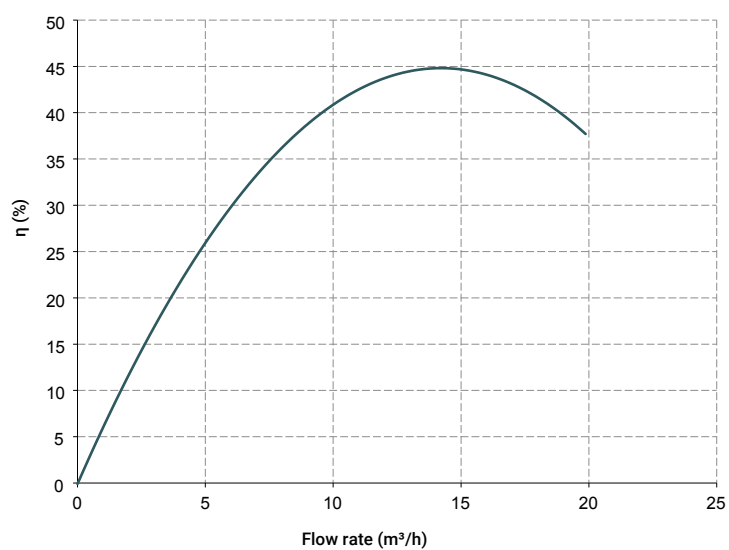
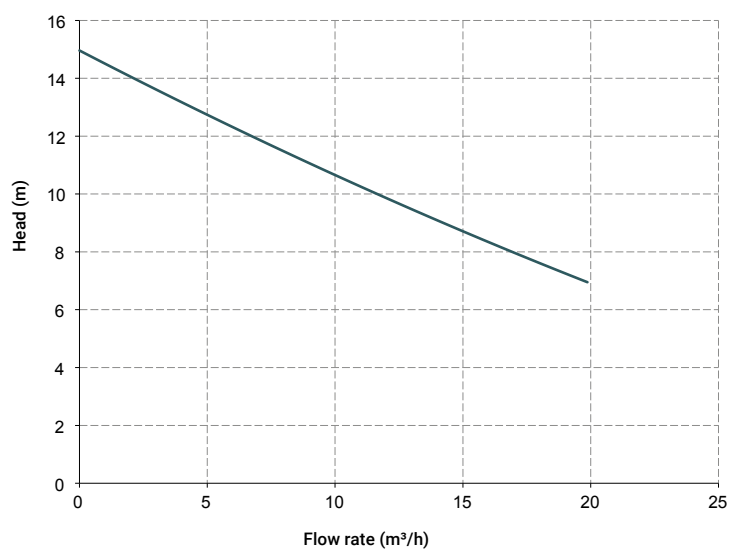
GALVANIC AND ELECTRONIC
INDUSTRY

MB 110

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

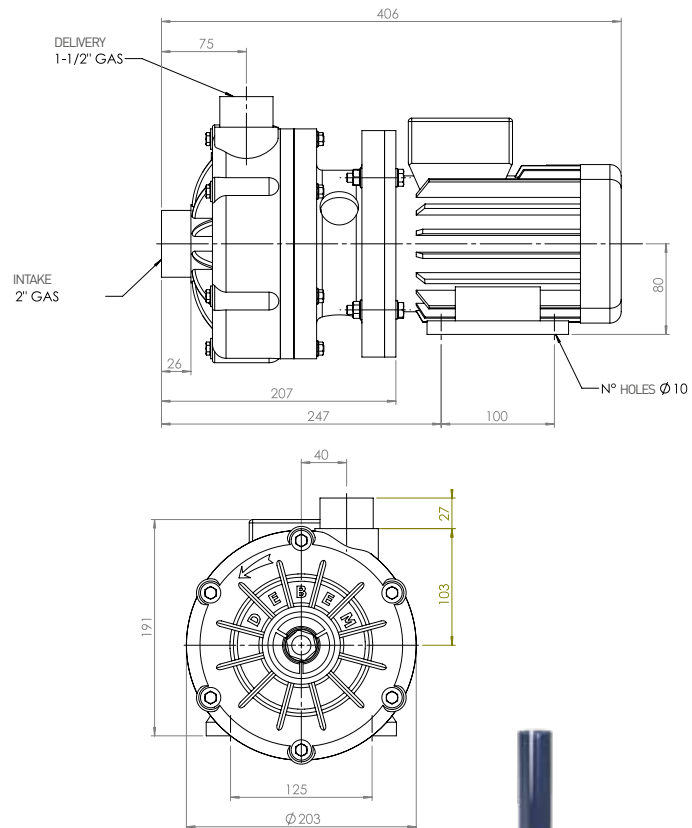
MB 110

HORIZONTAL CENTRIFUGAL PUMPS

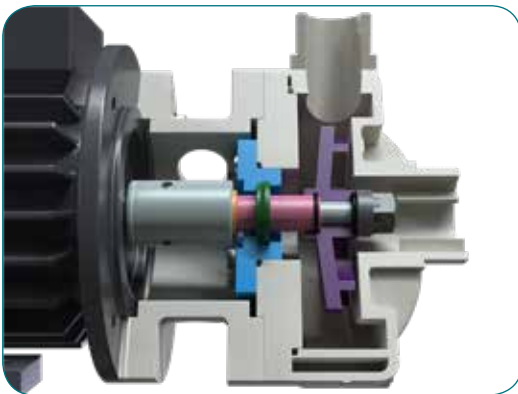


Specifications and types

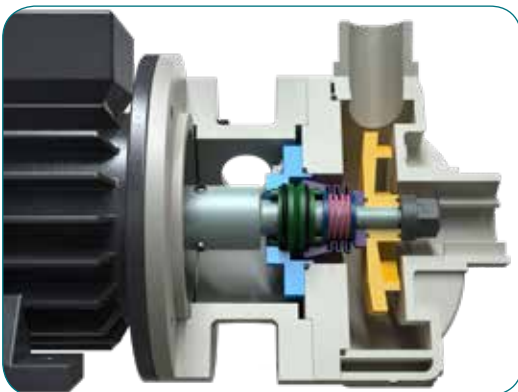
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
cm 55 x 28 x 42 – weight 10 Kg
(The weight refers to the package only, without the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB110P (POLYPROPYLENE)
- KITFLANGMB110F (PVDF)

Polypropylene or PVDF basket strainers

MB 120

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor



UNDER HEAD USE

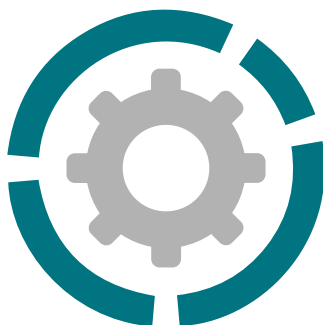
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 120

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" m or DN 50
Delivery fittings	G 1 1/2 m or DN 40
Max flow rate	25 m ³ /h
Max head	15 m
Viscosity up to	500 cps
Standard open impeller	Ø 120 mm H 8 mm *
Passing solids	Ø max 6 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	3.8 Kg*
	Max 3°C min.
	65°C max
PVDF (with carbon additive)	4.9 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	1.5
HP	2
Box	B3 + B5
RPM	2900
THREE-PHASE 230/400 V	
50/60 Hz	
2 poles	
Efficiency class	IE3
IP55 protection rating	
Ambient temperature -30°C + 45°C	
Aluminium/Cast iron	
SINGLE-PHASE	on request
ATEX	on request

PVDF



MAIN APPLICATION SECTORS



AUTOMOTIVE



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



GALVANIC AND ELECTRONIC
INDUSTRY

Seal o-ring materials:

- EPDM
- VITON®

Package:

- **wooden crate, dimension cm 58x28x42, weight 10 kg**
(the weights and dimensions vary based on the length of the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB120P (POLYPROPYLENE)
- KITFLANGMB120F (PVDF)

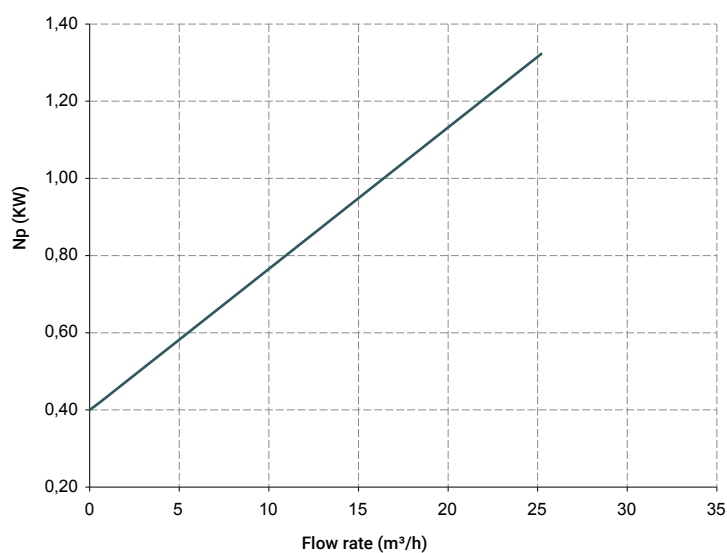
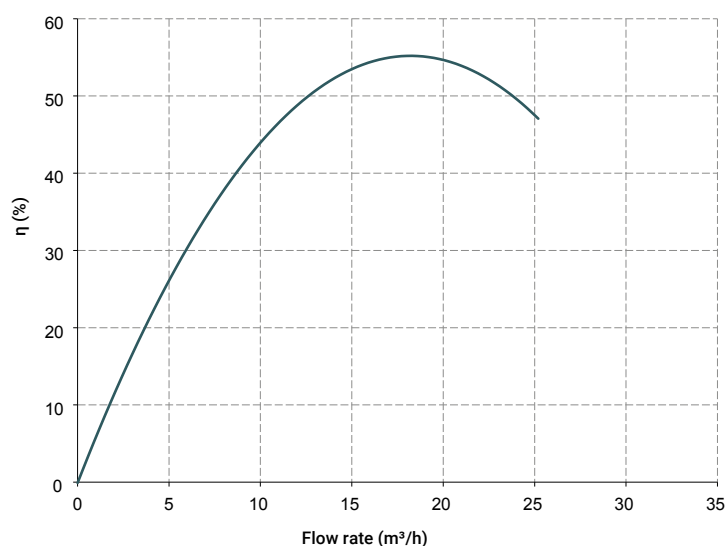
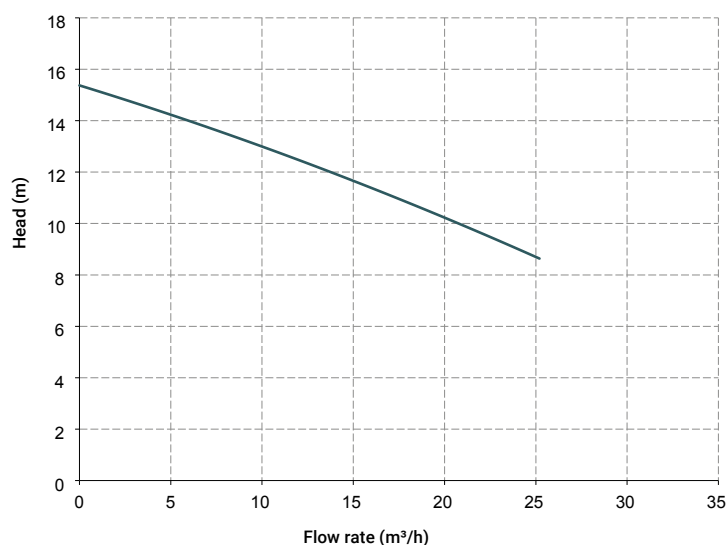
Polypropylene or PVDF basket strainers

MB 120

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



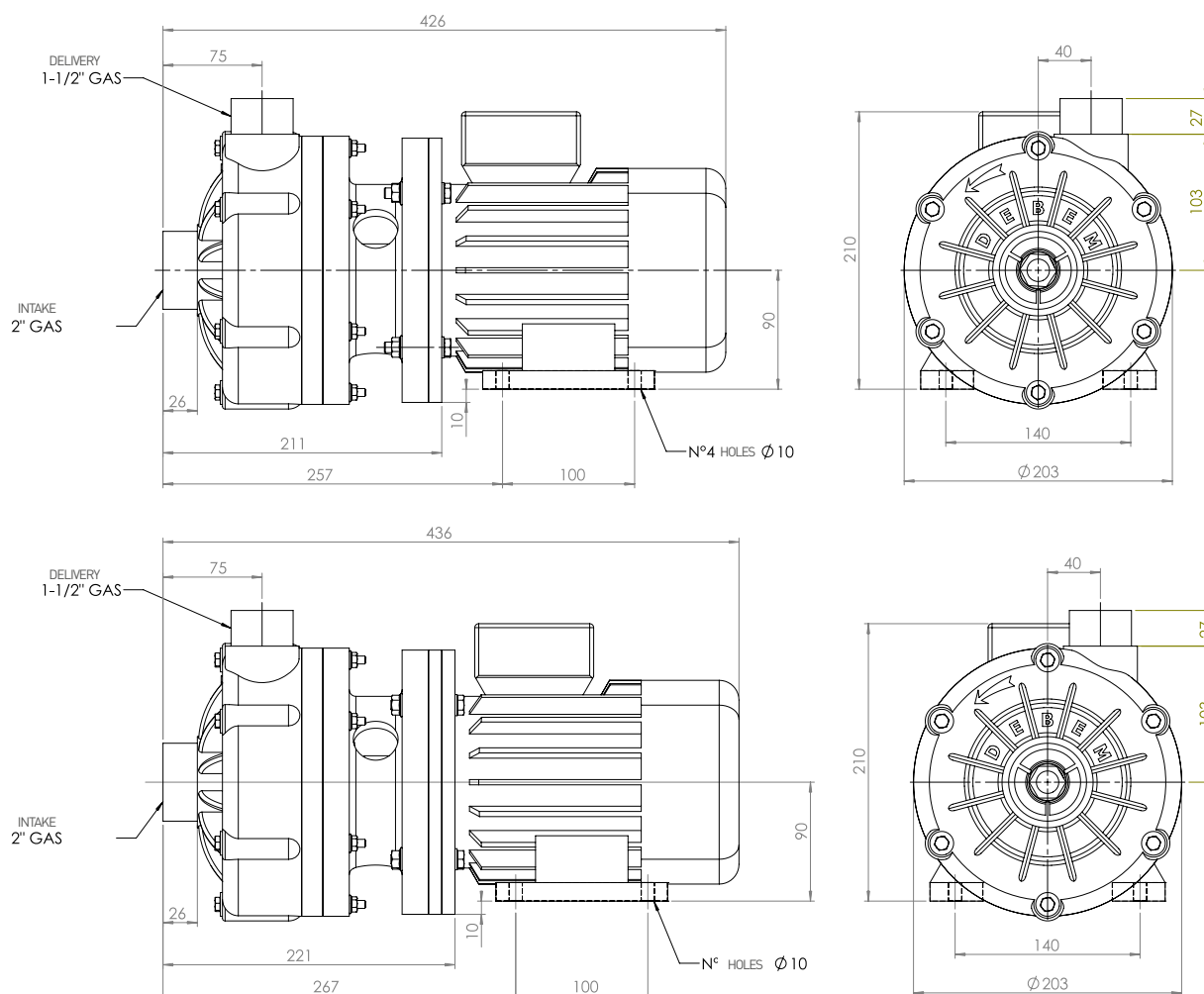
The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

MB 120

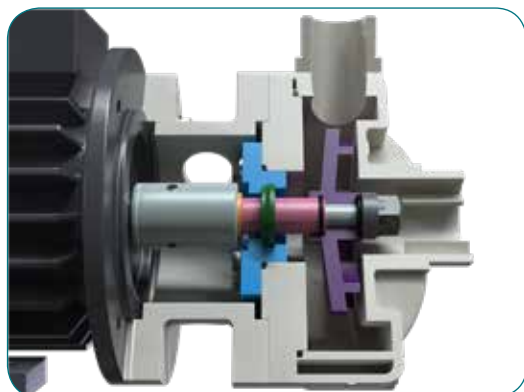
HORIZONTAL CENTRIFUGAL PUMPS



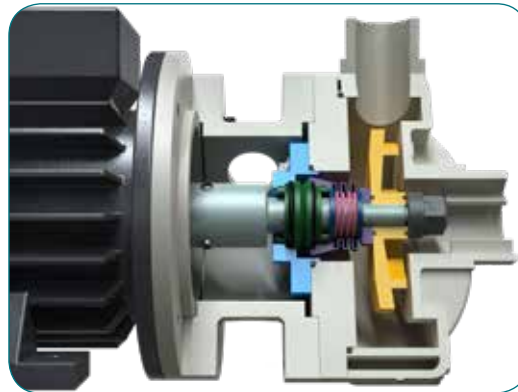
Specifications and types



TL = lip seal



TS = bellows seal



MB 130

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor



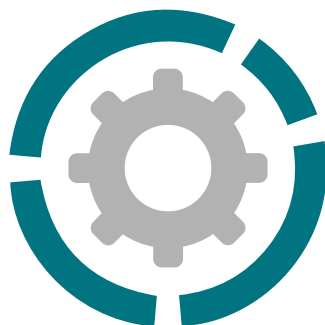
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 130

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" m or DN 50
Delivery fittings	G 1 1/2" m or DN 40
Max flow rate	30 m ³ /h
Max head	20 m
Viscosity up to	500 cps
Standard open impeller	Ø 130 mm H 8 mm *
Passing solids	Ø max 6 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	3.8 Kg* Max 3°C min. 65°C max
PVDF (with carbon additive)	4.9 Kg* Max 3°C min. 95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	1.5
HP	2
Box	B3 + B5
RPM	2900
THREE-PHASE 230/400 V	
50/60 Hz	
2 poles	
Efficiency class	IE3
IP55 protection rating	
Ambient temperature -30°C + 45°C	
Aluminium/Cast iron	
SINGLE-PHASE	on request
ATEX	on request

PVDF



MAIN APPLICATION SECTORS



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



GALVANIC AND ELECTRONIC
INDUSTRY

Seal o-ring materials:

- EPDM
- VITON®

Package:

- **wooden crate, dimension cm 61x28x42, weight 10 kg**
(the weights and dimensions vary based on the length of the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB130P (POLYPROPYLENE)
- KITFLANGMB130F (PVDF)

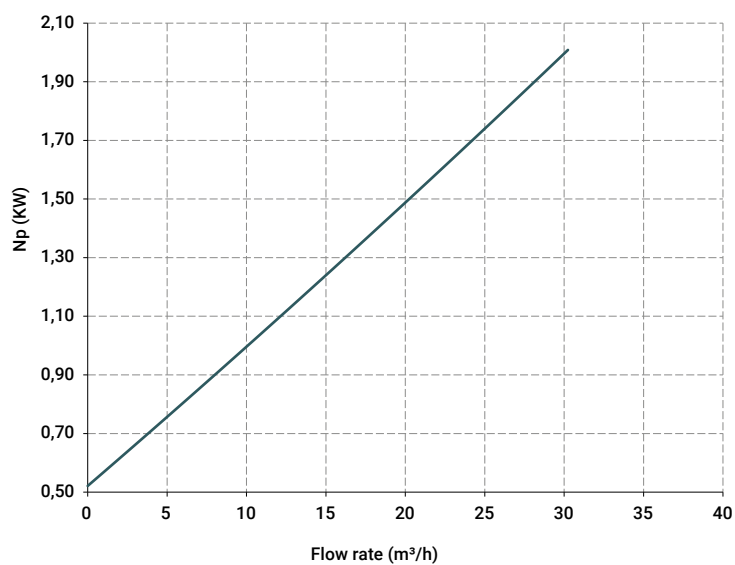
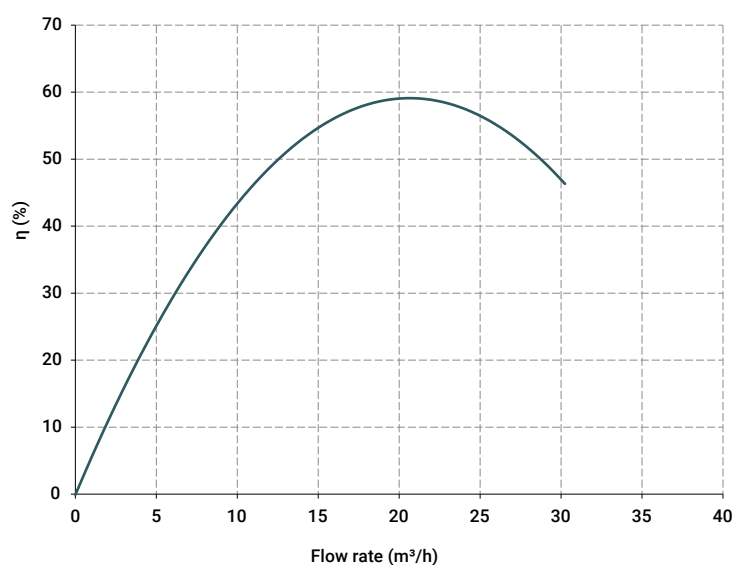
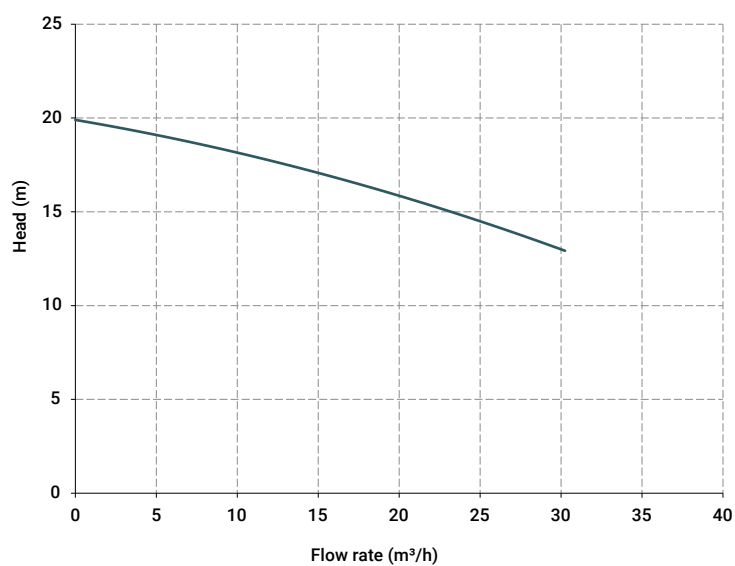
Polypropylene or PVDF basket strainers

MB 130

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



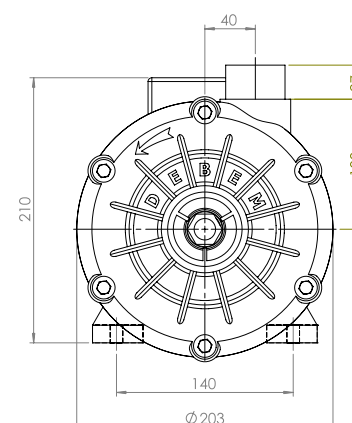
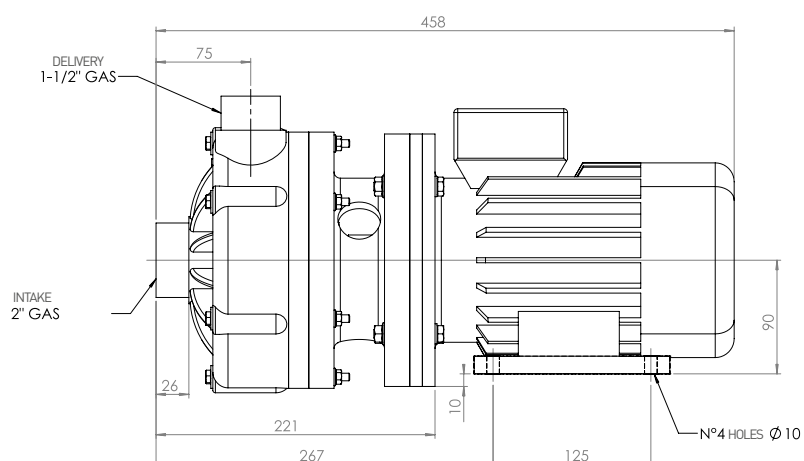
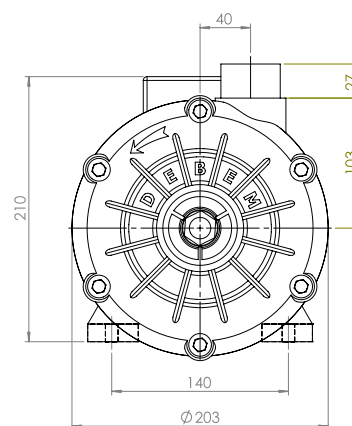
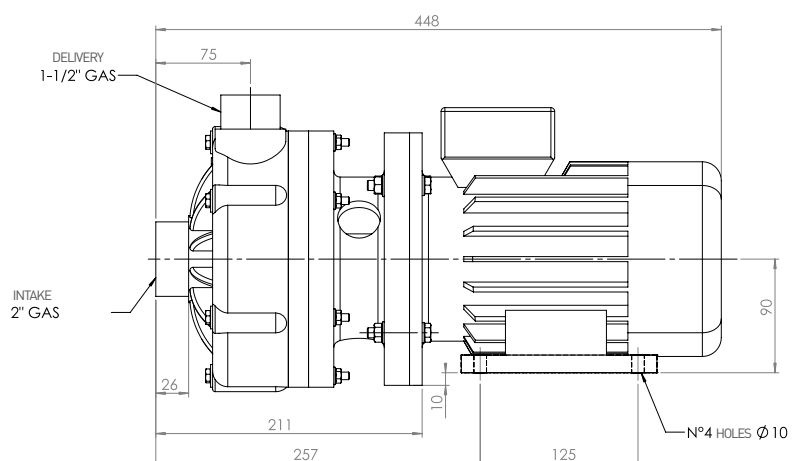
The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

MB 130

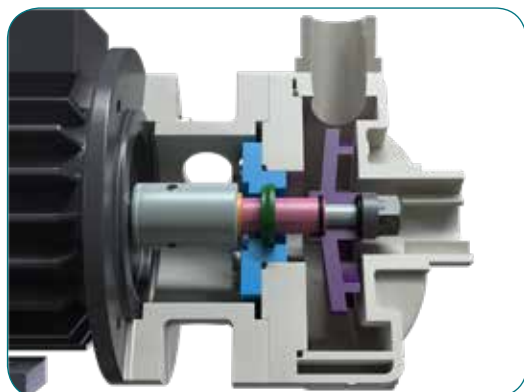
HORIZONTAL CENTRIFUGAL PUMPS



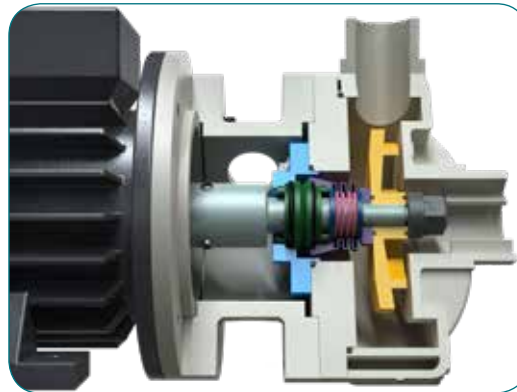
Specifications and types



TL = lip seal



TS = bellows seal



MB 140

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

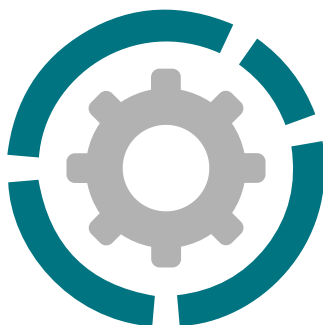
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 140

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" m or DN 50
Delivery fittings	G 1 1/2 m or DN 40
Max flow rate	40 m ³ /h
Max head	21 m
Viscosity up to	500 cps
Standard open impeller	Ø 130 mm H 14 mm *
Passing solids	Ø max 12 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	4 Kg*
	Max 3°C min. 65°C max
PVDF (with carbon additive)	5 Kg*
	Max 3°C min. 95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	3
HP	4
Box	B3 + B14
RPM	2900

THREE-PHASE 230/400 V

50/60 Hz

2 poles

Efficiency class IE3

IP55 protection rating

Ambient temperature -30°C + 45°C

Aluminium/Cast iron

SINGLE-PHASE on request

ATEX on request

PVDF



MAIN APPLICATION SECTORS



AUTOMOTIVE



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



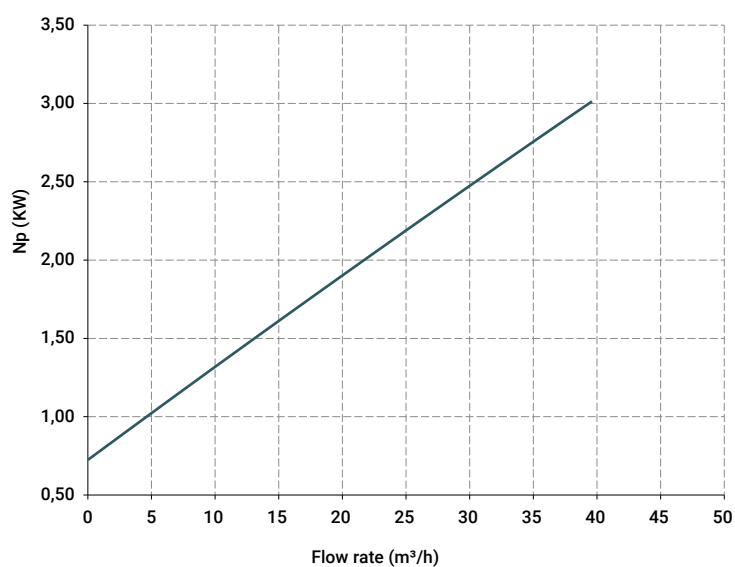
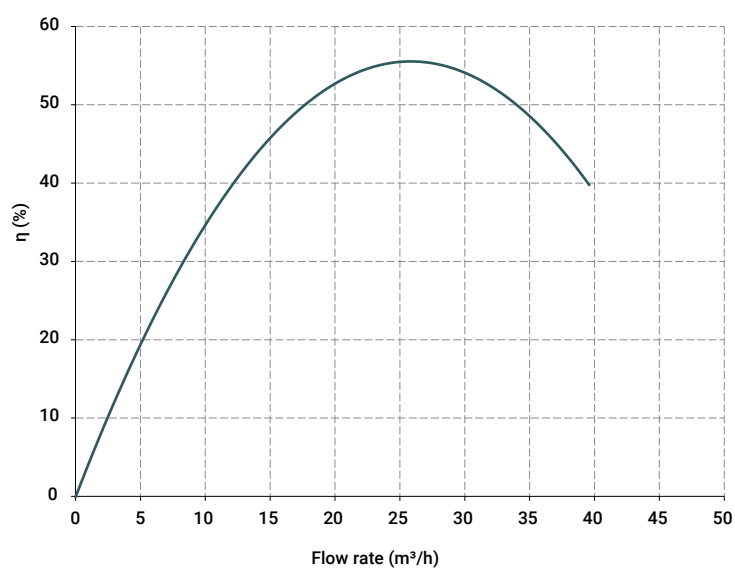
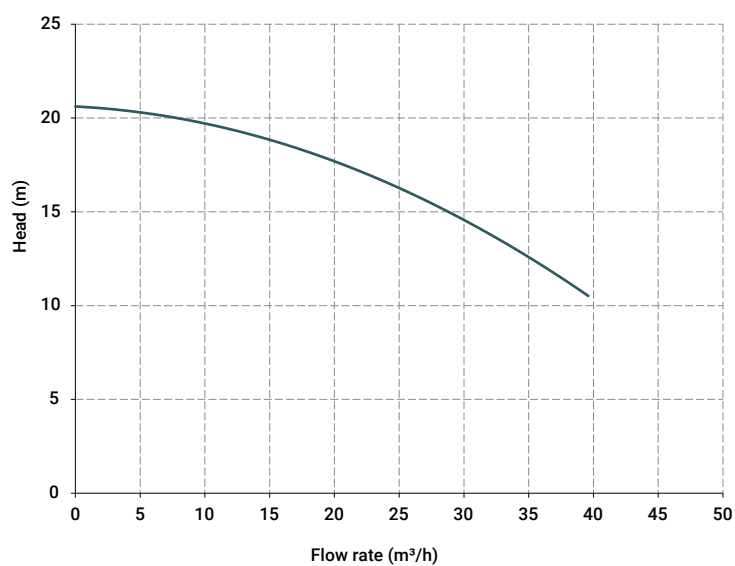
GALVANIC AND ELECTRONIC
INDUSTRY

MB 140

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

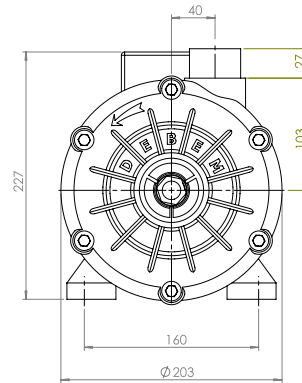
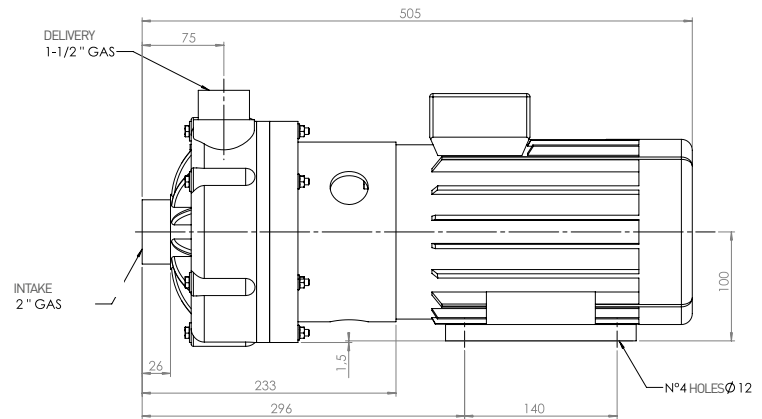
MB 140

HORIZONTAL CENTRIFUGAL PUMPS

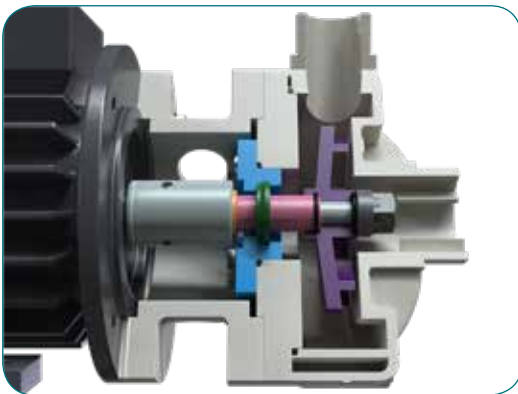


Specifications and types

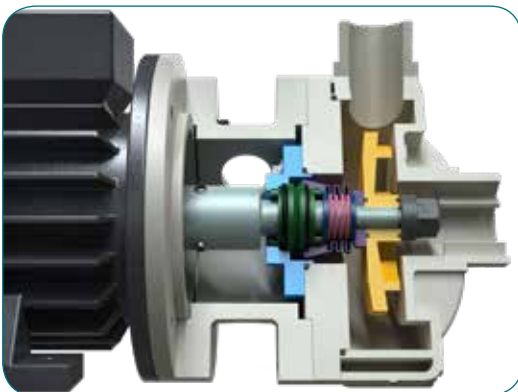
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



UNDER HEAD USE

Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
cm 64 x 28 x 42 – weight 10 Kg
(The weight refers to the package only, without the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB140P (POLYPROPYLENE)
- KITFLANGMB140F (PVDF)

Polypropylene or PVDF basket strainers

MB 150

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

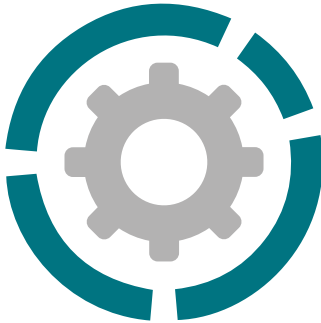
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 150

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" 1/2 f or DN 65
Delivery fittings	G 2" m or DN 50
Max flow rate	42 m ³ /h
Max head	24 m
Viscosity up to	500 cps
Standard open impeller	Ø 160 mm H 5.5 mm -10° *
Passing solids	Ø max 2 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	8.1 Kg*
	Max 3°C min.
	65°C max
PVDF (with carbon additive)	11 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	4
HP	5.5
Box	B3 + B5
RPM	2900
THREE-PHASE 230/400 V	
50/60 Hz	
2 poles	
Efficiency class	IE3
IP55 protection rating	
Ambient temperature -30°C + 45°C	
Aluminium/Cast iron	
ATEX	on request

PVDF



MAIN APPLICATION SECTORS



AUTOMOTIVE



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



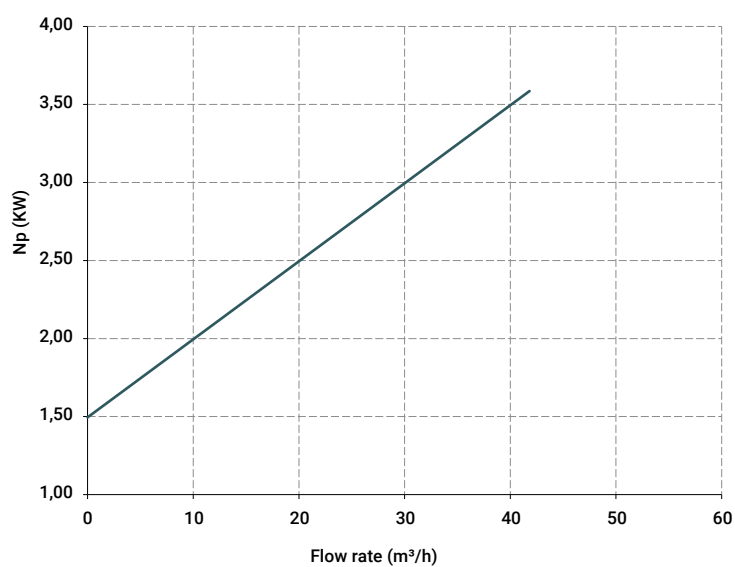
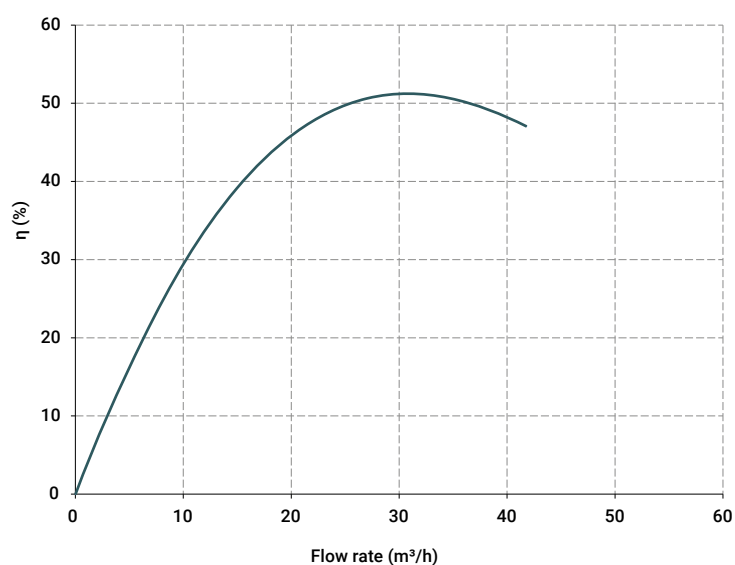
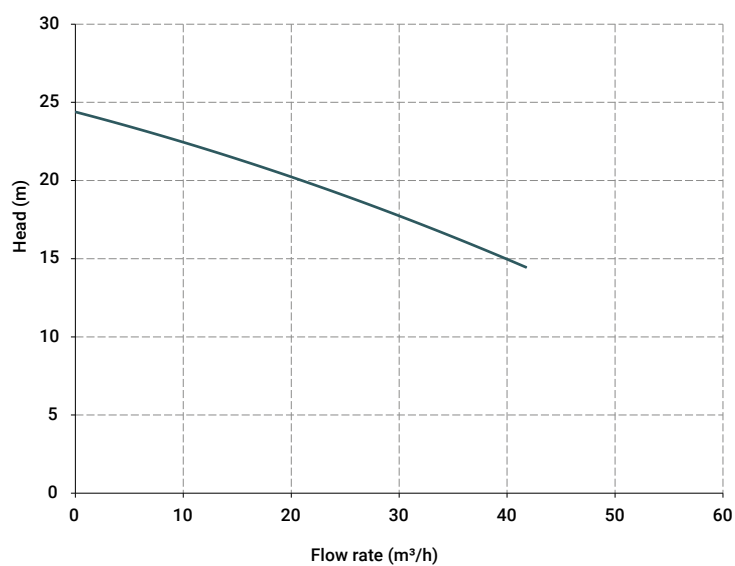
GALVANIC AND ELECTRONIC
INDUSTRY

MB 150

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

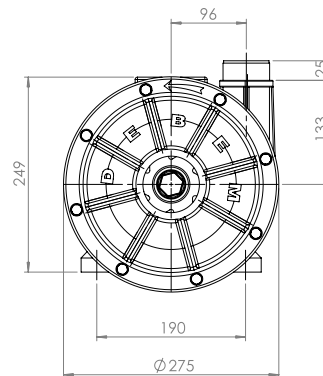
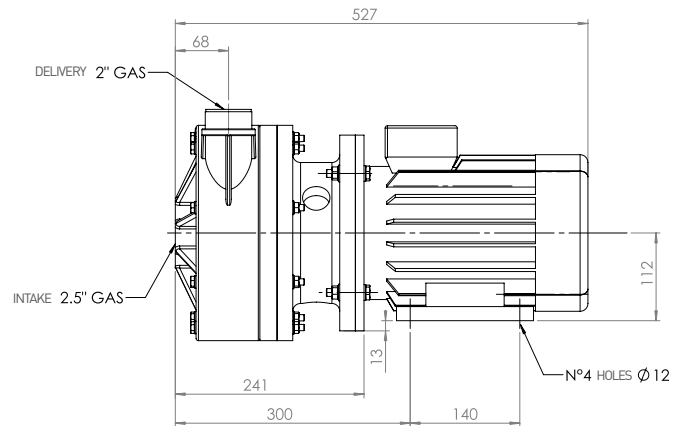
MB 150

HORIZONTAL CENTRIFUGAL PUMPS

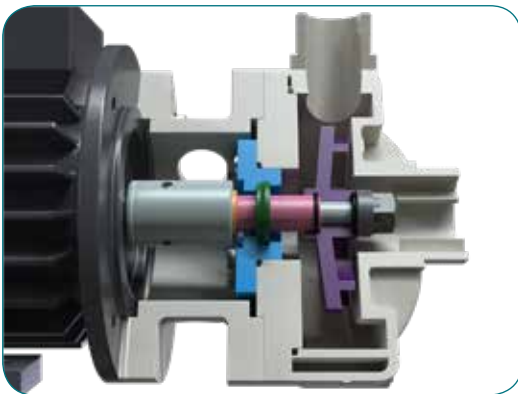


Specifications and types

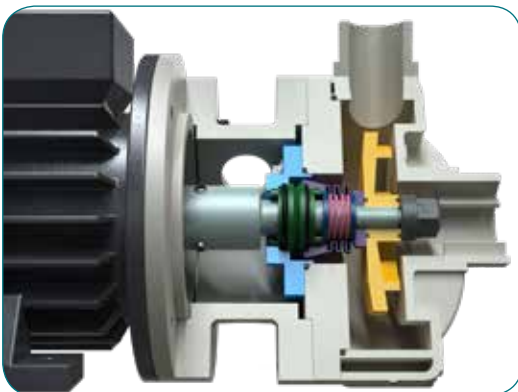
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
cm 69 x 36 x 46 – weight 12 Kg
(The weight refers to the package only, without the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB150P (POLYPROPYLENE)
- KITFLANGMB150F (PVDF)

Polypropylene or PVDF basket strainers

MB 155

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

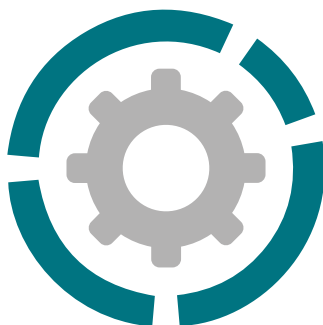
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 155

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" 1/2 f or DN 65
Delivery fittings	G 2" m or DN 50
Max flow rate	50 m ³ /h
Max head	27 m
Viscosity up to	500 cps
Standard open impeller	Ø 162 mm H 4 mm - 10 ° *
Passing solids	Ø max 3 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	9.5 Kg*
	Max 3°C min.
	65°C max

PVDF (with carbon additive)	12.4 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	5.5
HP	7.5
Box	B3 + B5
RPM	2900
THREE-PHASE 400/690 V	
50/60 Hz	
2 poles	
Efficiency class	IE3
IP55 protection rating	
Ambient temperature -30°C + 45°C	
Aluminium/Cast iron	
ATEX	on request

PVDF



MAIN APPLICATION SECTORS



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



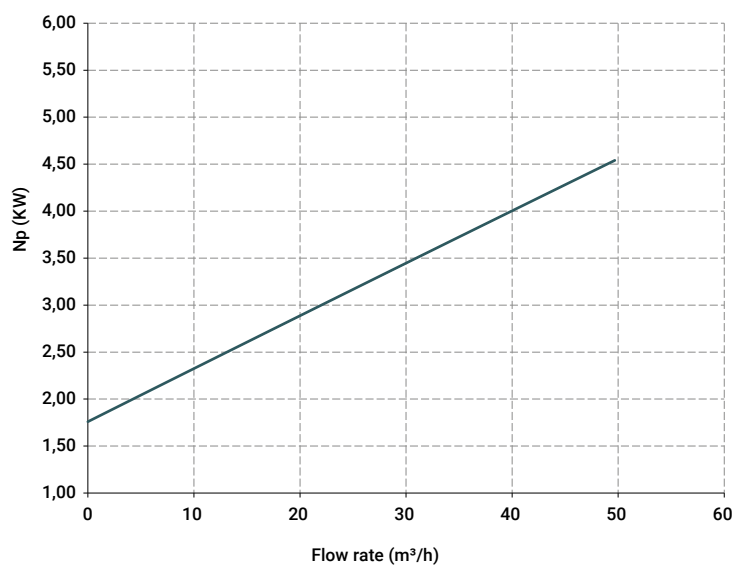
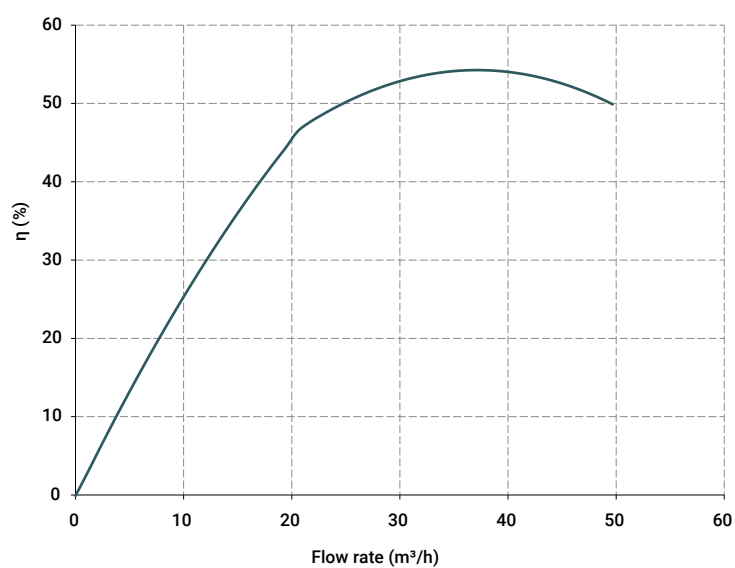
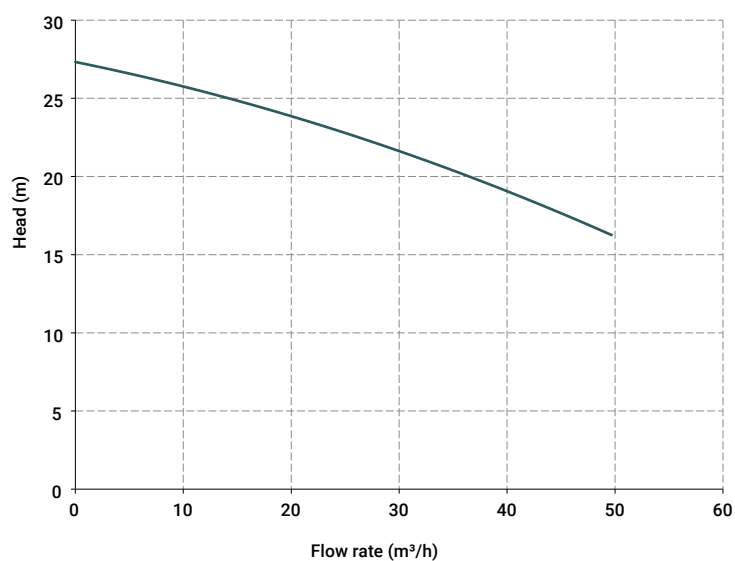
GALVANIC AND ELECTRONIC
INDUSTRY

MB 155

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

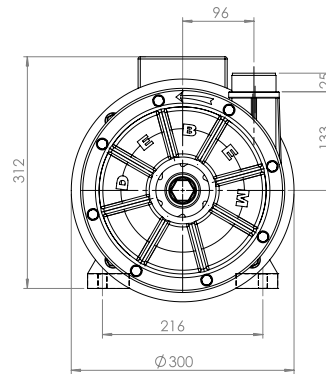
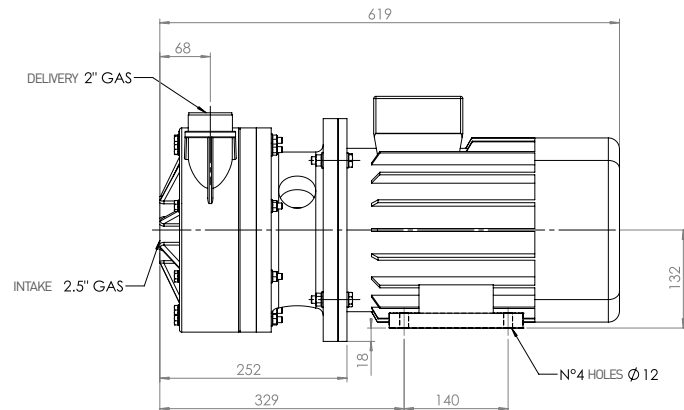
MB 155

HORIZONTAL CENTRIFUGAL PUMPS

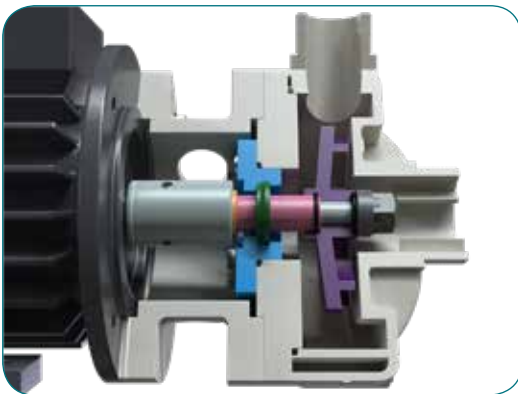


Specifications and types

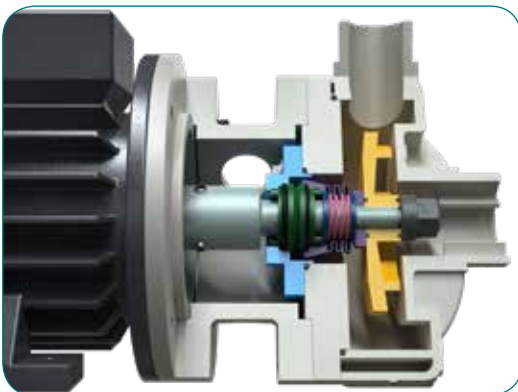
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
cm 73 x 40 x 46 – weight 14 Kg
(The weight refers to the package only, without the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB155P (POLYPROPYLENE)
- KITFLANGMB155F (PVDF)

Polypropylene or PVDF basket strainers

MB 160

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

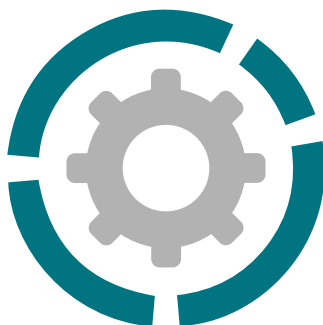
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 160

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" 1/2 f or DN 65
Delivery fittings	G 2" m or DN 50
Max flow rate	55 m ³ /h
Max head	32 m
Viscosity up to	500 cps
Standard open impeller	Ø 162 mm H 11 mm - 10 ° *
Passing solids	Ø max 9 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	9.8 Kg*
	Max 3°C min.
	65°C max

PVDF (with carbon additive)	12.2 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	7.5
HP	10
Box	B3 + B5
RPM	2900
THREE-PHASE 400/690 V	
50/60 Hz	
2 poles	
Efficiency class	IE3
IP55 protection rating	
Ambient temperature -30°C + 45°C	
Aluminium/Cast iron	
ATEX	on request

PVDF



MAIN APPLICATION SECTORS



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



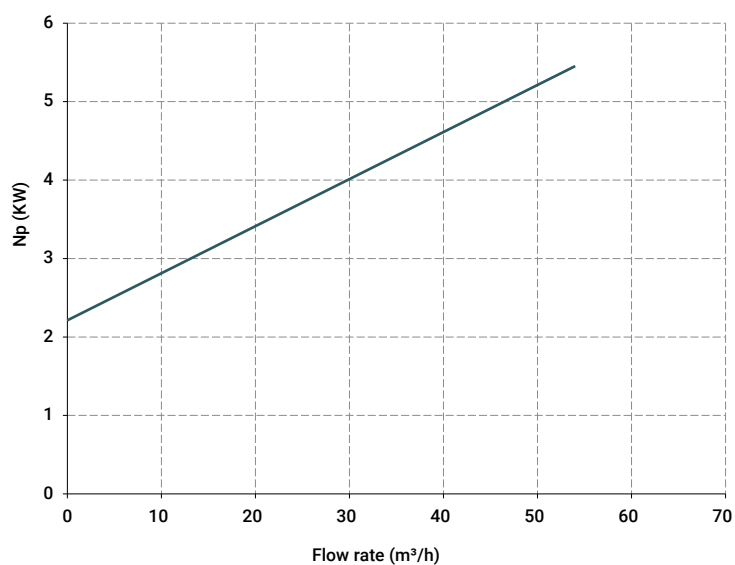
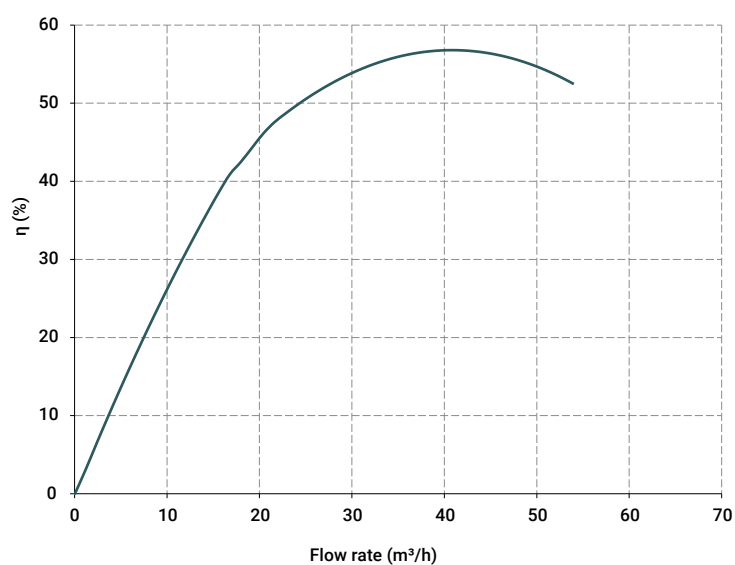
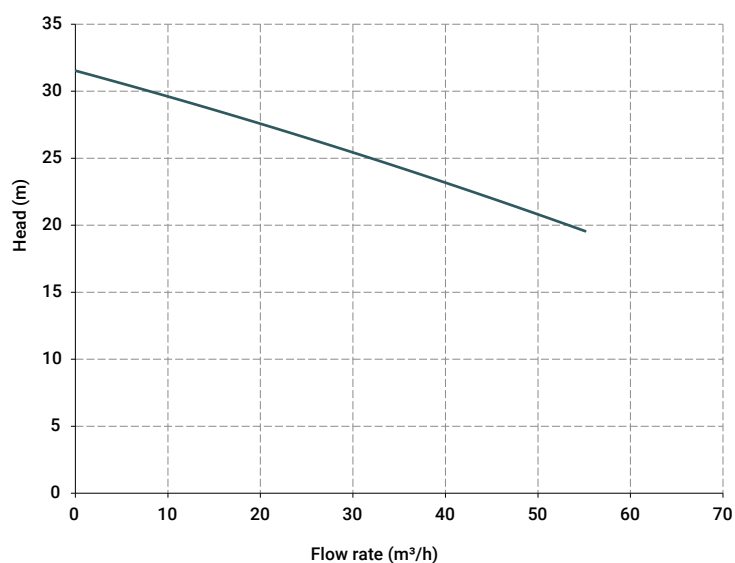
GALVANIC AND ELECTRONIC
INDUSTRY

MB 160

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

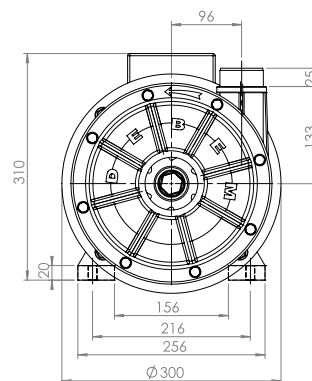
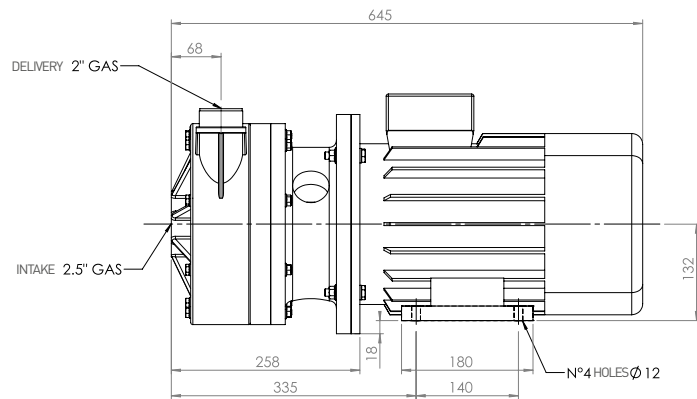
MB 160

HORIZONTAL CENTRIFUGAL PUMPS

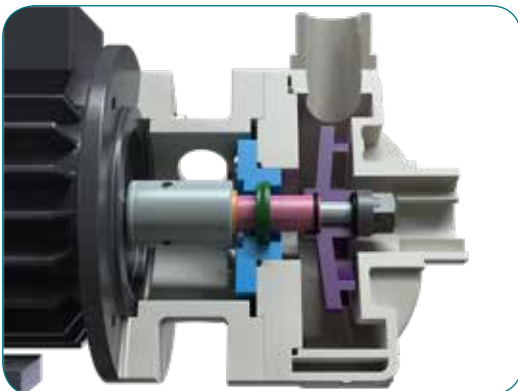


Specifications and types

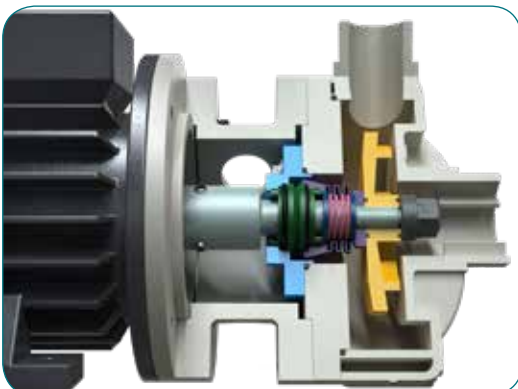
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
cm 70 x 45 x 55 – weight 16 Kg
(The weight refers to the package only, without the pump)

Accessories

FLANGE KIT (DIN standard - ANSI available on request):

- KITFLANGMB160P (POLYPROPYLENE)
- KITFLANGMB160F (PVDF)

Polypropylene or PVDF basket strainers

MB 180

HORIZONTAL CENTRIFUGAL PUMPS



Product designed and constructed in Italy

Constructed in polypropylene or PVDF

Under head use

Weld-free

Usable with fluids containing suspended solids

Extremely easy to maintain

Suitable for continuous use

Available with:

- Mechanical bellows seal (new generation "Self-locking" system)

Aisi 304 spring - Seal ring in SILICON CARBIDE + CERAMIC / SILICON CARBIDE + SILICON CARBIDE

- Lip seal: VITON® or EPDM



MB PUMPS CODES ENCODING

ex. MB080--P-TLVN

MB 80 PP, Viton® lip seal, three-phase motor.

MB80	P	TLV	N
PUMP MODEL	PUMP PUMP	TYPE OF SEAL	MOTOR
MB 80 - MB 80 MB 100 - MB 100 MB 110 - MB 110 MB 120 - MB 120 MB 130 - MB 130 MB 140 - MB 140 MB 150 - MB 150 MB 155 - MB 155 MB 160 - MB 160 MB 180 - MB 180	P - Polypropylene FC - PVDF+CF	TLV - Viton® lip seal TLD - EPDM lip seal TSV - Viton® bellows seal TSD - EPDM bellows seal	N* - Three-phase motor M - Single-phase motor A - ATEX motor

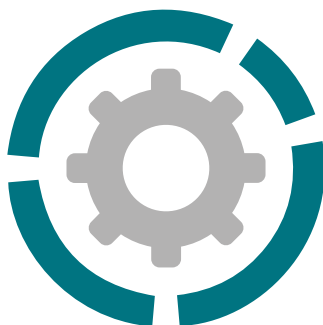
* Three-phase asynchronous eurotension motor fitted as standard (2 poles) 50Hz

MB 180

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



Suction fittings	G 2" 1/2 f or DN 65
Delivery fittings	G 2" m or DN 50
Max flow rate	75 m ³ /h
Max head	38 m
Viscosity up to	500 cps
Standard open impeller	Ø 176mm H 15 mm -10 ° *
Passing solids	Ø max 9 mm

* Special versions are available on request for the fluid pumped

PP



Pump casing construction material, operating temperature and net weight

Polypropylene (with glass additive)	9.9 Kg*
	Max 3°C min.
	65°C max

PVDF (with carbon additive)	12.2 Kg*
	Max 3°C min.
	95°C max

* The weights refer to the pump without the motor

Standard electric motor:

Kw	11
HP	15
Box	B3 + B5
RPM	2900
THREE-PHASE 400/690 V	
50/60 Hz	
2 poles	
Efficiency class	IE3
IP55 protection rating	
Ambient temperature -30°C + 45°C	
Aluminium/Cast iron	
ATEX	on request

PVDF



MAIN APPLICATION SECTORS



CHEMICAL INDUSTRY



WATER AND SLUDGE
TREATMENT



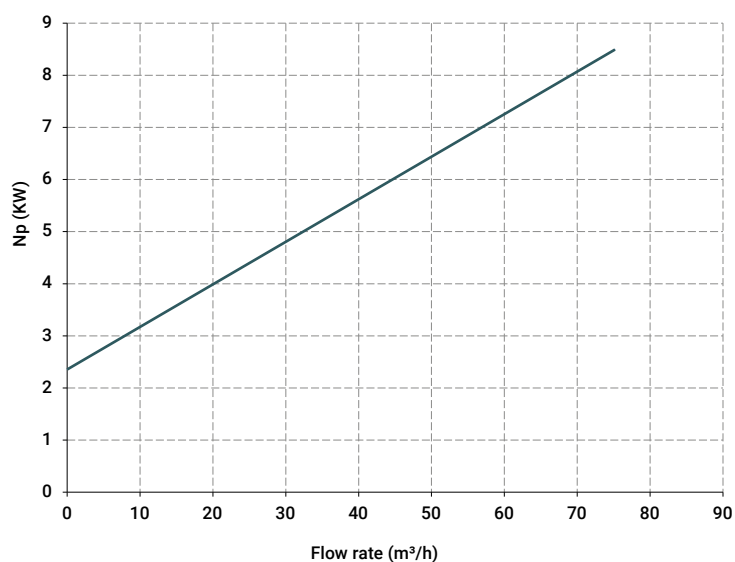
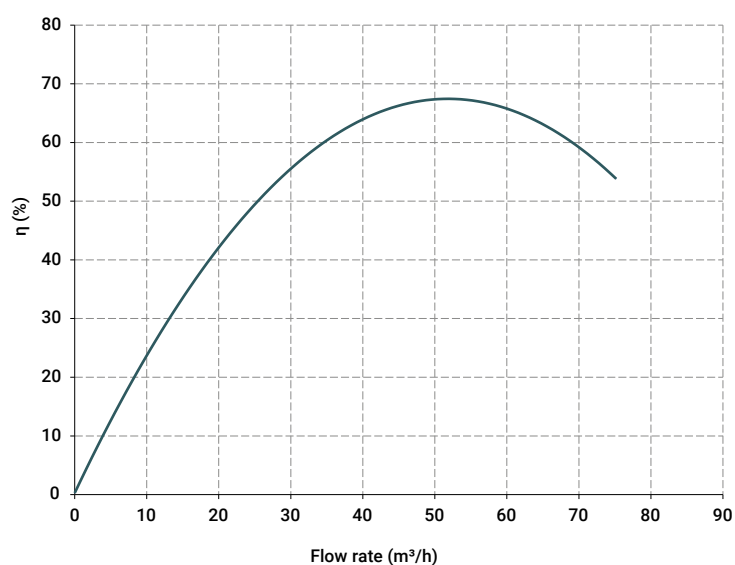
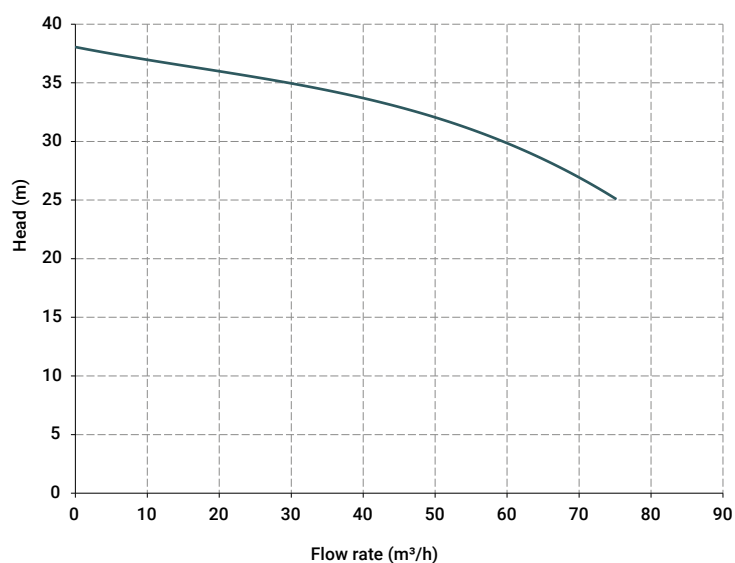
GALVANIC AND ELECTRONIC
INDUSTRY

MB 180

HORIZONTAL CENTRIFUGAL PUMPS



Specifications and types



The curves and the performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor [2900 RPM].

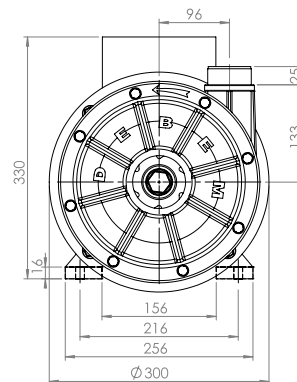
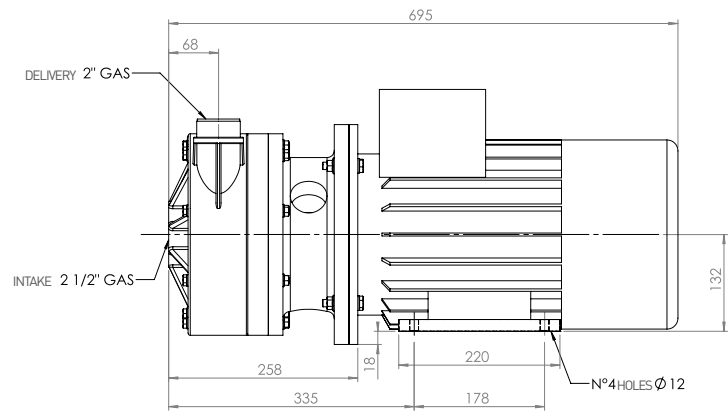
MB 180

HORIZONTAL CENTRIFUGAL PUMPS

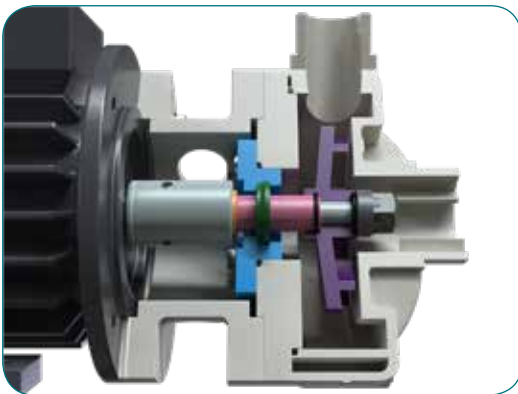


Specifications and types

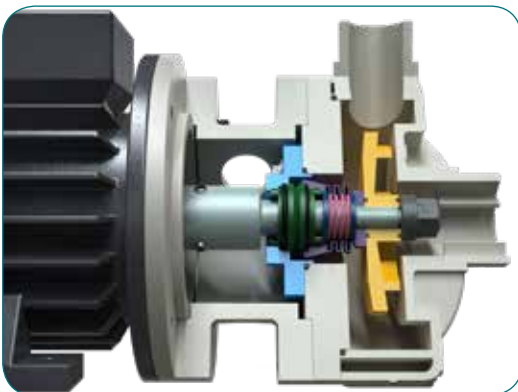
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
cm 81 x 40 x 56 – weight 17 Kg
(The weight refers to the package only, without the pump)

Accessories

- FLANGE KIT (DIN standard - ANSI available on request):
- KITFLANGMB180P (POLYPROPYLENE)
- KITFLANGMB180F (PVDF)

Polypropylene or PVDF basket strainers