

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

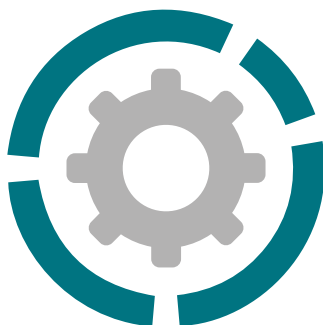
ex. MB080--P-TLVN

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

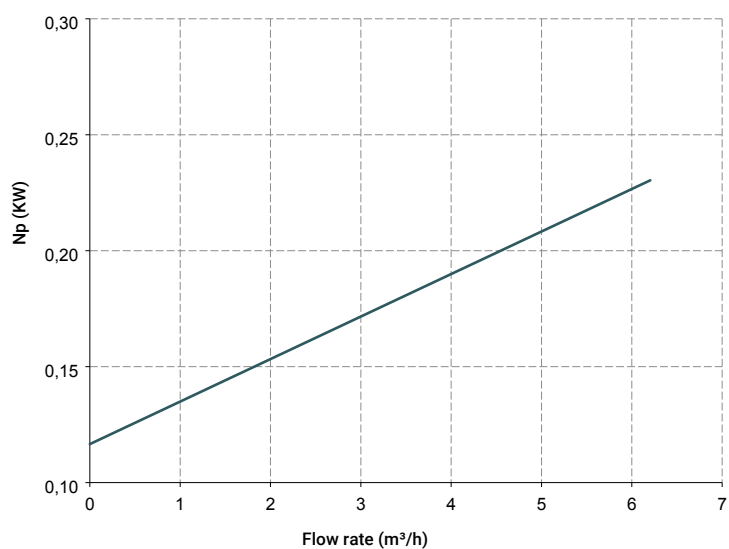
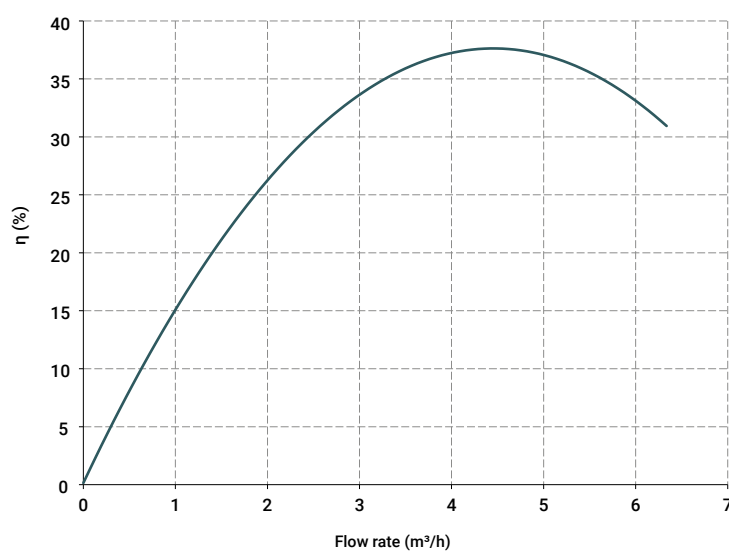
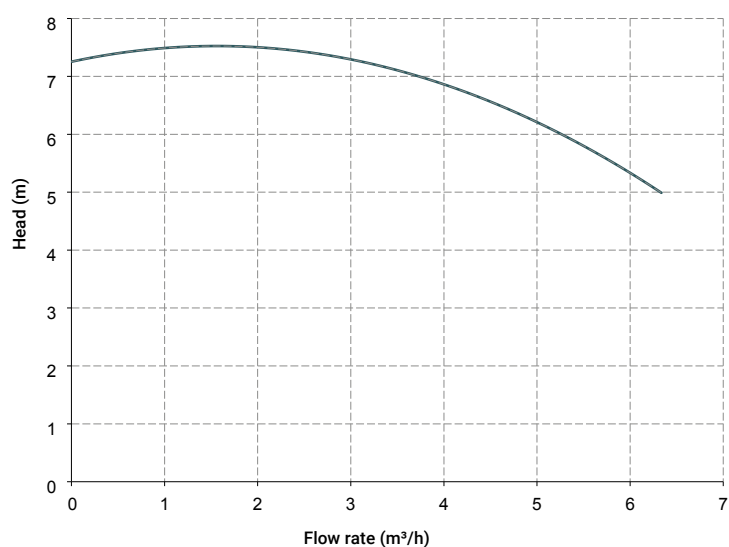


WATER AND SLUDGE
TREATMENT



GALVANIC AND ELECTRONIC
INDUSTRY

Specifications and types



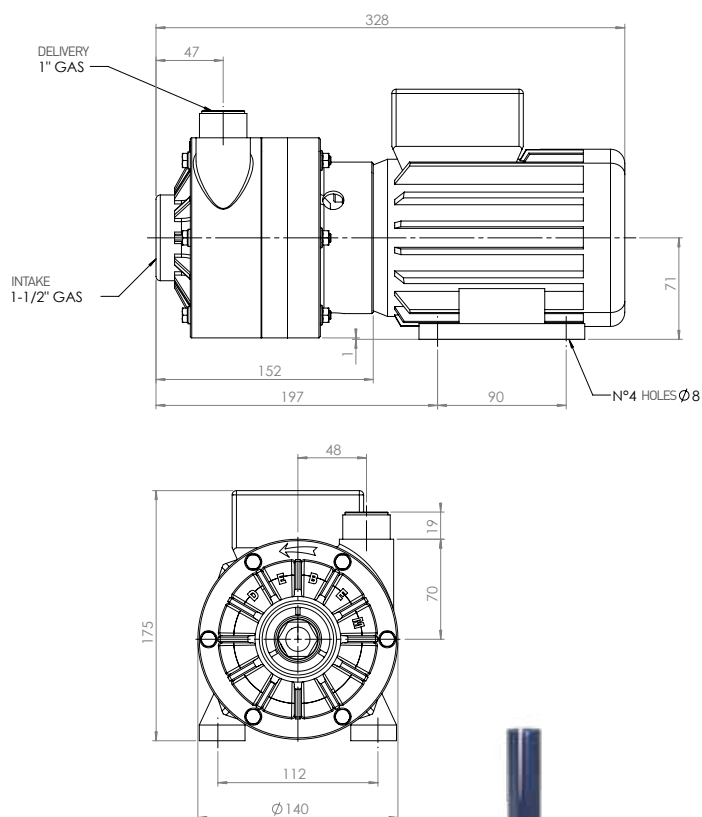
MB 80

HORIZONTAL CENTRIFUGAL PUMPS

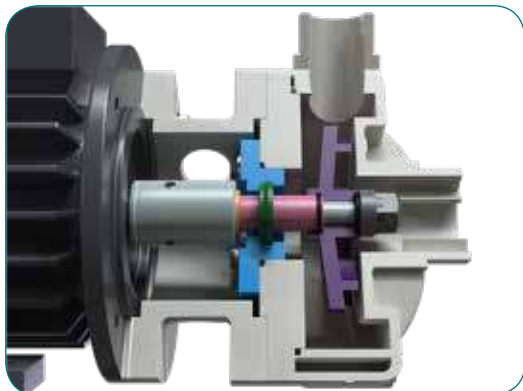


Specifications and types

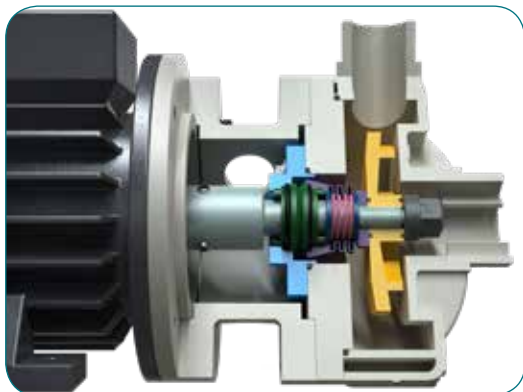
Pump	Motor power
MB 80	0.37 Kw - 0.5 HP
MB 100	0.55 Kw - 0.75 HP
MB 110	1.1 Kw - 1.5 HP
MB 120	1.5 Kw - 2 HP
MB 130	2.2 Kw - 3 HP
MB 140	3 Kw - 4 HP
MB 150	4 Kw - 5.5 HP
MB 155	5.5 Kw - 7.5 HP
MB 160	7.5 Kw - 10 HP
MB 180	11 Kw - 15 HP



TL = lip seal



TS = bellows seal



Seal o-ring materials:

- EPDM
- VITON®

Package:

- wooden crate
- cm 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