

Specifications and types

Suction fittings	DN 102 (threadable on request)
Delivery fittings	3" m BSPP or DN 80 on request
Max. flow rate	170 m ³ /h
Max. head	46 m
Viscosity up to	500 cps
Standard open impeller	Ø 200 mm H 18.4 mm *
Solids passing	Ø max 15 mm
Available column length (mm)	600 / 800 / 1000

* Special versions are available on request for the fluid pumped



PLASTIC MATERIAL
PP

STANDARD ELECTRIC MOTOR:

Kw	15-18.5
HP	20.8-25
Constructive form	B5
RPM	2900
Three-phase 400/690 V	-
50/60 Hz	-
2 poles	-
Efficiency class	IE3
Protection	IP55
Ambient temperature	-30°C + 45°C
Aluminium/Cast iron	on request
ATEX	on request

STD COLUMN LENGTH

600 mm	62 kg
800 mm	65 kg
1000 mm	67 kg

PP WEIGHT*

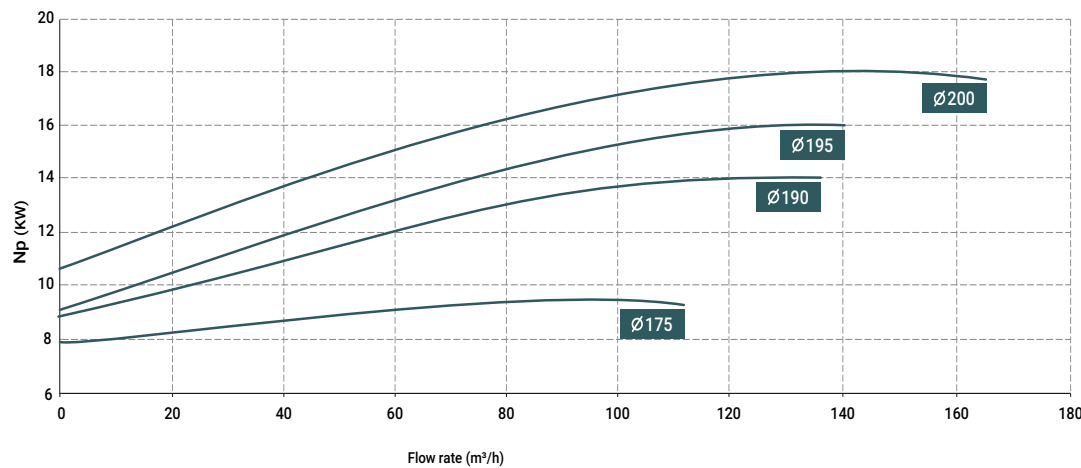
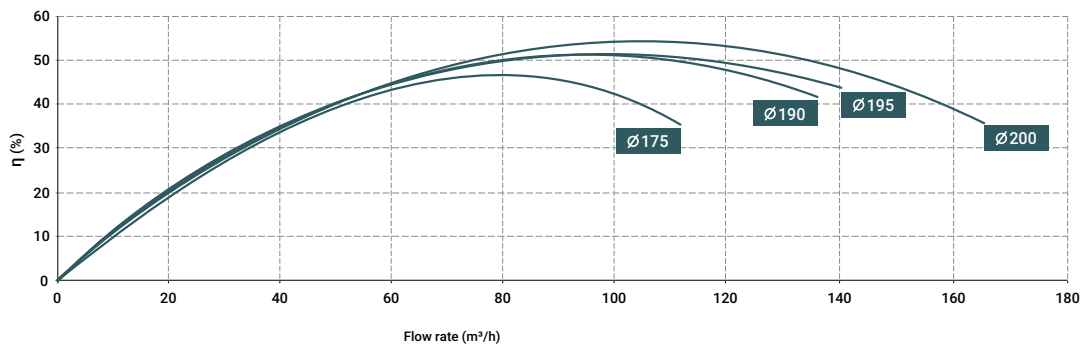
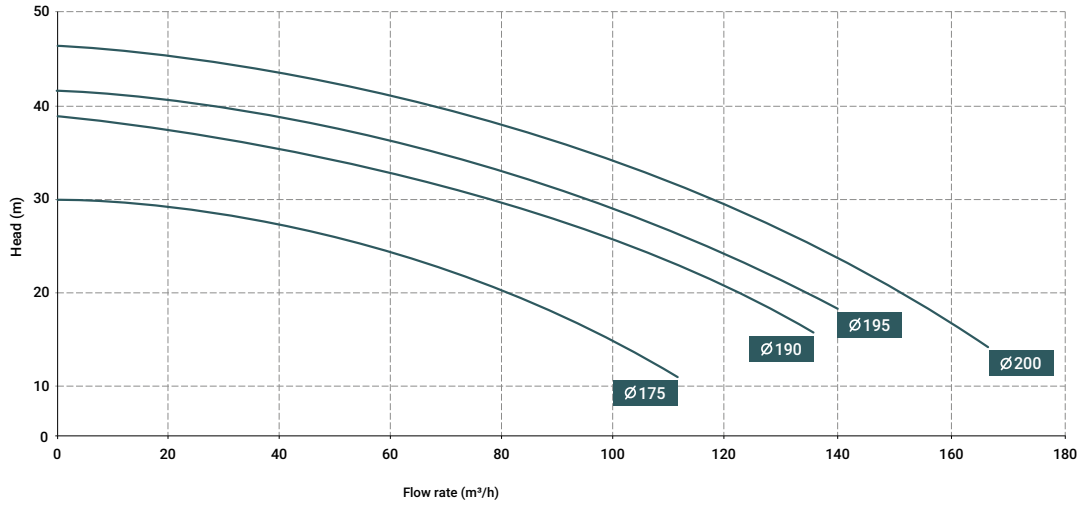
OPERATING TEMPERATURES**:

PP (with glass additive)	0°C to + 70°C
--------------------------	---------------

**Measurements should be taken with agitated water; temperatures may vary depending on the conditions of the system and/or the processed liquid

LENGTH	Tmax (PP)	Tmax (PVDF)
500 mm	70	100
800 mm	65	95
1000 mm	60	90
1250 mm	55	85

Specifications and types



The curves and performances refer to tested pumps, with water at 20 °C, two-pole motor 50 Hz (2900rpm).

Specifications and types

Length measurements in mm

MODEL	POWER	Ø PASSING SOLIDS	SOVEM ENGINE: A-B	A*	B	C	D	E	F	G	H	I	M	N	O	P	MOTOR WEIGHT [kg]
IM200	18,5 Kw - 25 HP	15	455	813	358	40	163	650	190	315	145	480	590	315	410	400	118

* Measurements may vary depending on the motor supplier.

L [mm]

L1 [mm]

600

320

800

520

1000

720

80 mm - Max Fluid Level

Pump

IM 80

IM 90

IM 95

IM 110

IM 120

IM 130

IM 140

IM 150

IM 155

IM 160

IM 180

IM 200

Motor Power

0.37 Kw - 0.5 HP

0.55 Kw - 0.75 HP

0.75 Kw - 1 HP

1.1 Kw - 1.5 HP

1.5 Kw - 2 HP

2.2 Kw - 3 HP

3 Kw - 4 HP

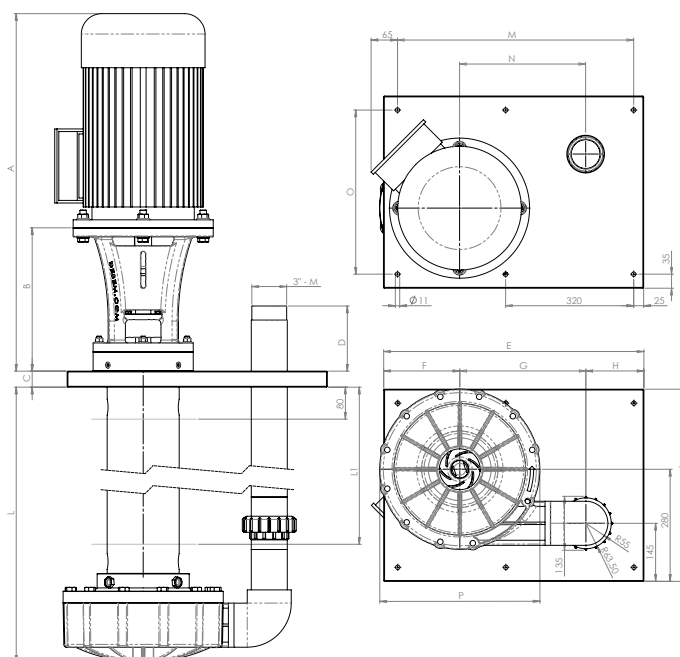
4 Kw - 5.5 HP

5.5 Kw - 7.5 HP

7.5 Kw - 10 HP

11 Kw - 15 HP

18.5 Kw - 25 HP



Seal o-ring materials

- EPDM
- VITON®

Packaging

- wooden cage - dimensions and weights vary depending on the length of the pump

Accessories

- FLANGE KIT (DIN standard - ANSI on request)
- Customisable fixing plate only at the design stage



TANK USE