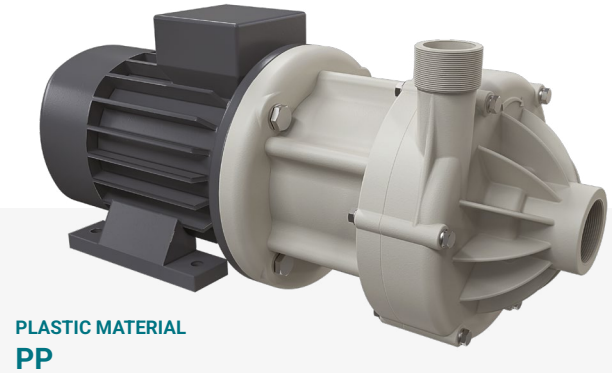
DM

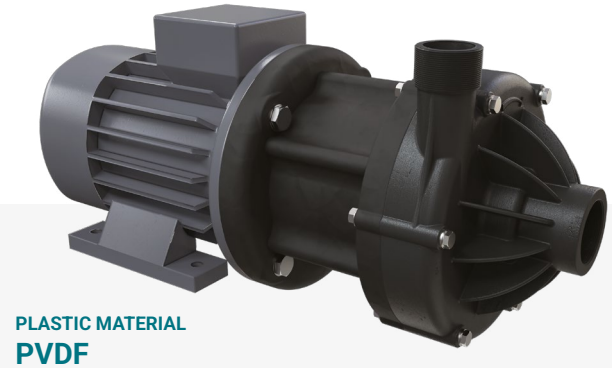
DM 30

Specifications and types

Suction fittings	2”f BSPP o DN 50 - NPT
Delivery fittings	1”1/2 m BSPP o DN 40 - NPT
Max. flow rate	35 m3/h
Min. flow rate	4 m3/h
Max. head	24 m
Viscosity up to	150 cps



PLASTIC MATERIAL
PP



PLASTIC MATERIAL
PVDF

STANDARD ELECTRIC MOTOR:

Kw 2,2 HP 3

- Constructive Form B3+B5
- RPM 2900
- Three-phase 230/400 V - 50/60 HZ
- 2 Poles IE3 Protection IP55
- Ambient temperature -30°C + 45°C

Kw 3 HP 4

- Constructive Form B3+B5
- RPM 2900
- Three-phase 230/400 V - 50/60 HZ
- 2 Poles IE3 Protection IP55
- Ambient temperature -30°C + 45°C

Kw 4 HP 5,5

- Constructive Form B3+B5
- RPM 2900
- Three-phase 230/400 V - 50/60 HZ
- 2 Poles IE3 Protection IP55
- Ambient temperature -30°C + 45°C

Kw 2,2 HP 3

- Constructive Form B3+B5
- RPM 2900
- Single-phase
- Ambient temperature -30°C + 45°C

Kw 3 HP 4

- Constructive Form B3+B5
- RPM 2900
- Single-phase
- Ambient temperature -30°C + 45°C

IMPELLER	M. 2,2 Kw (3 HP)	M. 3 Kw (4 HP)	M. 4 Kw (5,5 HP)
Ø 134 mm (Standard)	up to 1,1 g/cm3	up to 1,5 g/cm3	up to 1,8 g/cm3
Ø 122 mm	up to 1,4 g/cm3	up to 2 g/cm3	up to 2 g/cm3
Ø 110 mm	up to 1,8 g/cm3	up to 2 g/cm3	up to 2 g/cm3

OPERATING TEMPERATURES** AND WEIGHTS

PP (with glass additive)	from 0°C to + 70°C, 2,2 Kg*
PVDF (with carbon additive)	from -10°C to + 100°C, 2,5 Kg*

*The weights refer to the pump without the motor
**Measurements should be taken with agitated water; temperatures may vary depending on the conditions of the system and/or the processed liquid

ELECTRIC MOTORS AVAILABLE ON REQUEST:

- Single-phase (up to 3 kw)
- ATEX
- NEMA 145TC* / 184TC*

*(only pump available, with American flange, for coupling with NEMA motor - the motor is not available in our standard)

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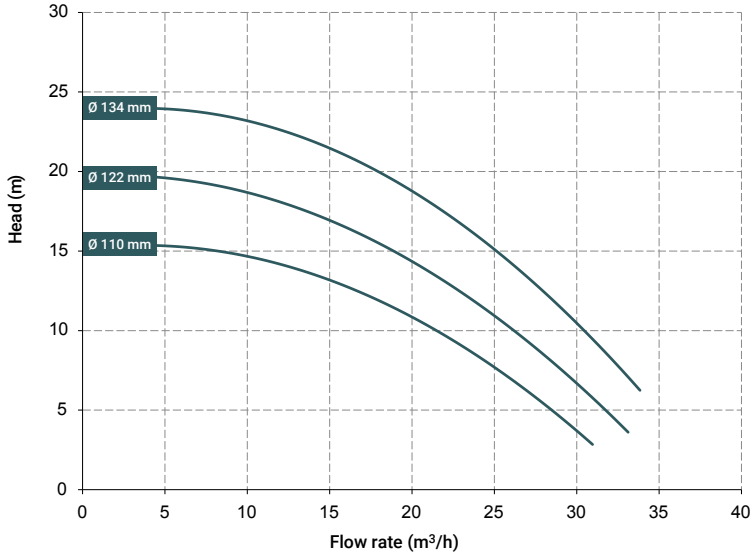
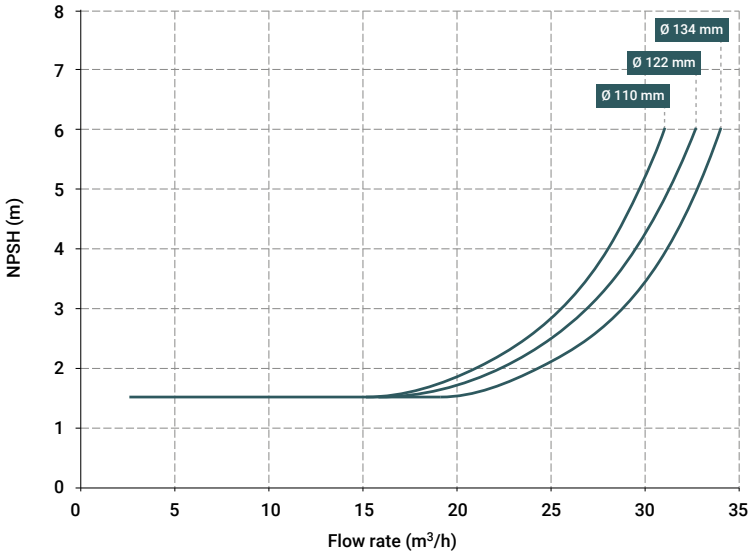
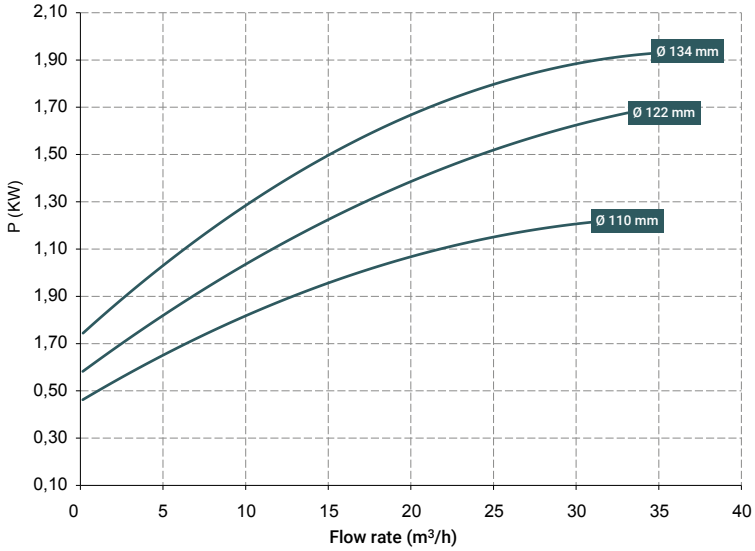
DM 30

Specifications and types







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

MAGNETIC DRIVE CENTRIFUGAL PUMPS
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DM

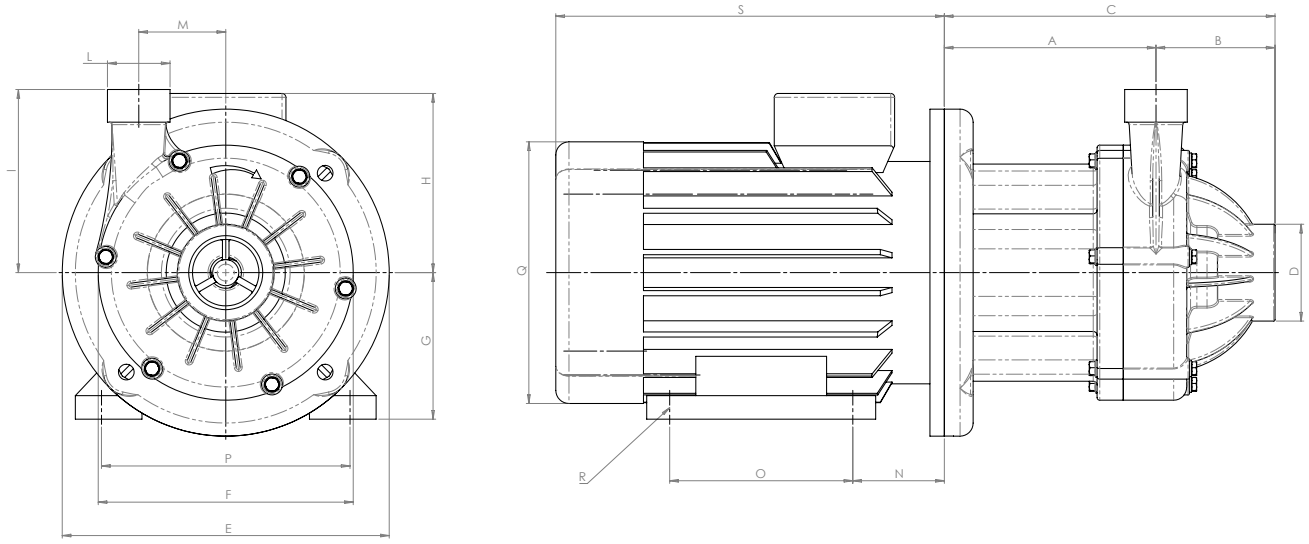
DM 30

Specifications and types

Length measurements in mm

MODEL	CASE	POWER	A	B	C	D	E*	F*	G*	H*	I	L	M	N*	O*	P*	Q*	R*	S*
DM 30	IEC 90	2,2 Kw	161,8	91	252,8	2" f(**)	200	195	90	138	140	1"1/2 m(**)	66,5	56	125	140	167	10	275
DM 30	IEC 100	3 Kw	161,8	91	252,8	2" f(**)	250	195	100	153	140	1"1/2 m(**)	66,5	63	140	160	194	12	314
DM 30	IEC 123	4 Kw	161,8	91	252,8	2" f(**)	250	195	112	169	140	1"1/2 m(**)	66,5	70	140	190	218	12	334
DM 30	NEMA 145TC***	3 Hp	161,8	91	252,8	2" f(**)	-	195	-	-	140	1"1/2 m(**)	66,5	-	-	-	-	-	-
DM 30	NEMA 184TC***	5 Hp	161,8	91	252,8	2" f(**)	-	195	-	-	140	1"1/2 m(**)	66,5	-	-	-	-	-	-

* Measurements may vary depending on the motor supplier.
** NPT or BSPP gas
***Warning: if you decide to combine the pump with a NEMA motor, the pump is delivered with a suitable coupling flange, but not the NEMA motor, which is not included in our standard supply.



Seal o-ring materials

- EPDM
- VITON®

Packaging

- Pump with 2,2 Kw motor
- Wooden case size 61 x 28 x 42 cm - Weight 10 Kg
(the weight refers only to the packaging without the pump inside)
- Pump with 3 Kw motor
- Wooden case size 64 x 28 x 42 cm - Weight 10 Kg
(the weight refers only to the packaging without the pump inside)
- Pump with 4 Kw motor
- Wooden case size 69 x 36 x 46 cm - Weight 12 Kg
(the weight refers only to the packaging without the pump inside)

Accessories

- Flange kit (DIN flanges - ANSI on request)

UNDER HEAD USE

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