

# DM 15

## Specifications and types

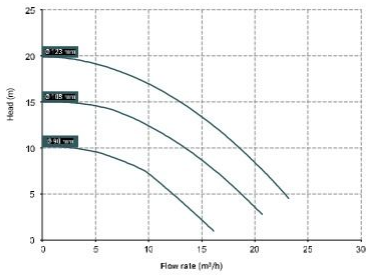


Suction fittings	6 1/4" or DN 40 - NPT
Delivery fittings	6 1/4" or DN 52 - NPT
Max flow rate	23.5 m <sup>3</sup> /h
Max head	20 m
Viscosity up to	150 cps

PP



PVDF



The curves and the performances refer to pumps with inserted suction and open delivery outlet, with water at 20°C and vary based on the composition materials and 50 Hz two-pole motor (2900 rpm).

IMPELLER	Motor 1.5 Kw (2 HP)	Motor 2.2 Kw (3 HP)
Ø 123 mm (Standard)	up to 1.1 g/cm <sup>3</sup>	up to 1.8 g/cm <sup>3</sup>
Ø 108 mm	up to 1.6 g/cm <sup>3</sup>	up to 2 g/cm <sup>3</sup>
Ø 90 mm	up to 2 g/cm <sup>3</sup>	up to 2 g/cm <sup>3</sup>

### Operating temperature and weights:

PP	from +3°C to +65°C, 4.5 Kg
PVDF	from +3°C to +95°C, 5.2 Kg

### Standard electric motor:

**Kw 1.5 HP 2**

Casing D3+B5 RFM 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**

Casing E3+E5 RFM 2900

**Three-phase 230/400 V - 50/60 HZ**

2 Poles IE3 Protection IP55

Ambient temperature -30°C + 45°C

**Kw 1.5 HP 2**

Casing E3+E5 RFM 2900

**Single-phase**

Ambient temperature -30°C + 45°C

**Kw 2.2 HP 3**

Casing D3+B5 RFM 2900

**Single-phase**

Ambient temperature -30°C + 45°C

### Electric motors available on request:

SINGLE-PHASE

ATEX

NEMA 145TC

\*Only pump available with American flange, for coupling with NEMA motor - the motor is not available in our standard.

# DM 30

## Specifications and types

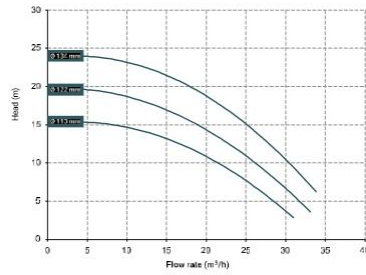


Suction fittings	6 2" or DN 50 - NPT
Delivery fittings	6 1/2" or DN 60 - NPT
Max flow rate	35 m <sup>3</sup> /h
Max head	8.5 m
Viscosity up to	150 cps

PP



PVDF



The curves and the performances refer to pumps with inserted suction and open delivery outlet, with water at 20°C and vary based on the composition materials and 50 Hz two-pole motor (2900 rpm).

IMPELLER	Motor 2.2 Kw (3 HP)	Motor 3 Kw (4 HP)	Motor 4 Kw (5.5 HP)
Ø 134 mm (Standard)	up to 1.1 g/cm <sup>3</sup>	up to 1.5 g/cm <sup>3</sup>	up to 1.8 g/cm <sup>3</sup>
Ø 122 mm	up to 1.4 g/cm <sup>3</sup>	up to 2 g/cm <sup>3</sup>	up to 2 g/cm <sup>3</sup>
Ø 110 mm	up to 1.8 g/cm <sup>3</sup>	up to 2 g/cm <sup>3</sup>	up to 2 g/cm <sup>3</sup>

### Operating temperature and weights:

PP	from +3°C to +65°C, 6 Kg
PVDF	from +3°C to +95°C, 7 Kg

### Electric motors available on request:

SINGLE-PHASE

ATEX

NEMA 145TC\* / 184TC\*

\*Only pump available with American flange, for coupling with NEMA motor - the motor is not available in our standard.

