

GRUNDFOS®

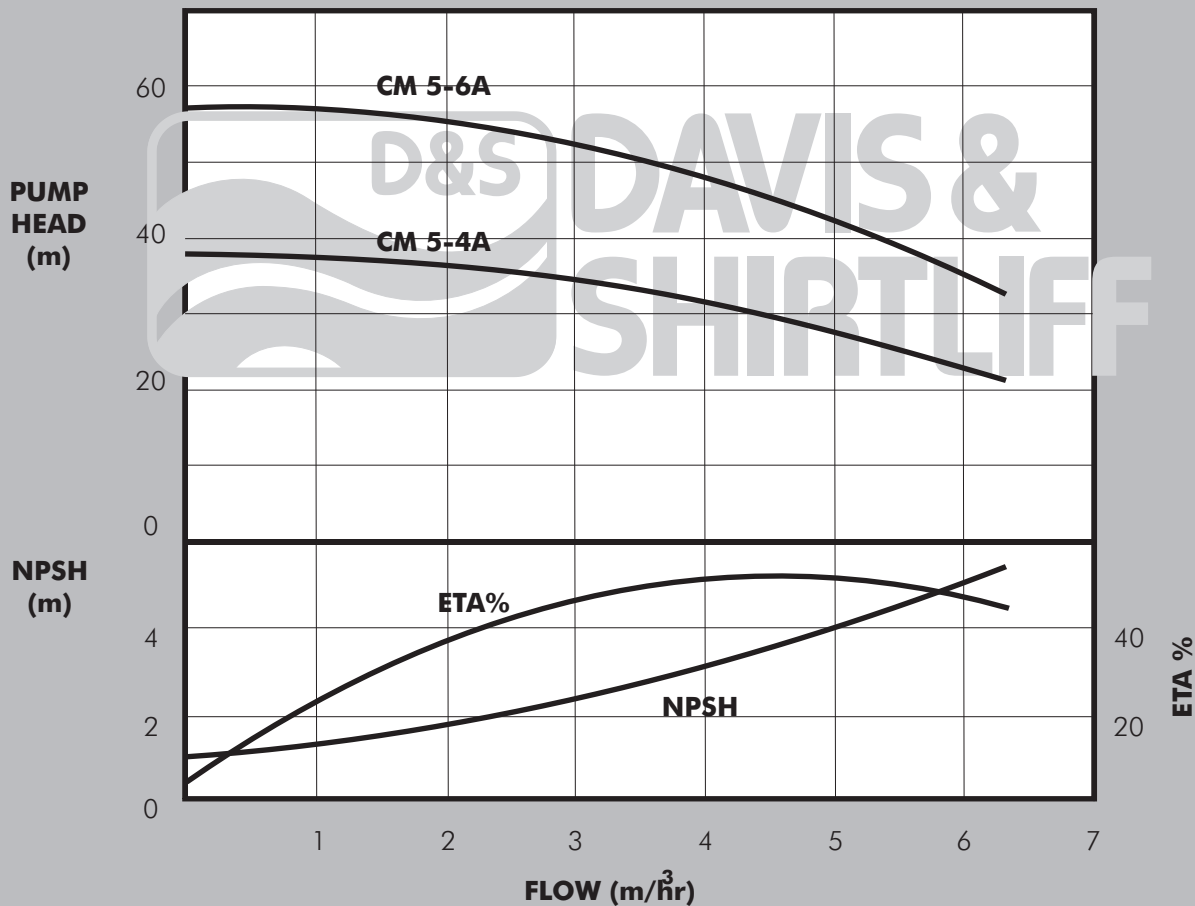
MADE IN DENMARK



DATA SHEET

Horizontal
Multistage Pumps

CM5



PUMP

The Grundfos CM range of horizontal multistage pumps are high efficiency, high quality products designed for continuous duty in various water boosting and transfer applications. They are of compact dimensions, feature axial suction and radial discharge ports and are exceptionally quiet in operation. The suction and outlet chambers are made of grey cast iron, the impeller and the impeller housing of 304 stainless steel.

The pumps are available in a wide range of sizes to suit particular applications and are designed for operation with the Grundfos PM1 pump controller which provides automatic operation according to demand as well as run-dry protection.

MOTOR

The pump is coupled to a totally enclosed, fan cooled Grundfos squirrel-cage motor. Single phase motors include a built in thermal overload protection and should be connected to mains power through a 10A fuse or MCB. Three phase motors should be installed with a remote starter.

Enclosure Class: IP55 **Insulation Class:** F **Voltage:** 1x240V **Speed** 2900rpm

OPERATING CONDITIONS

Pumped liquids: Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

Liquid temperature: 0°C to +120°C

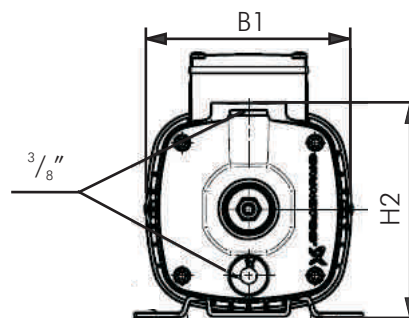
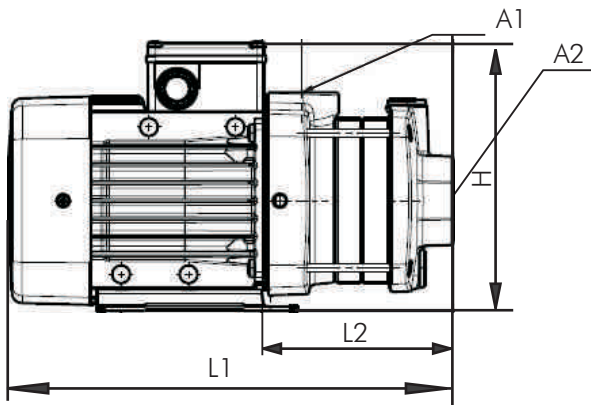
Max. Ambient Temperature: +50°C

Max. Suction lift: According to the NPSH curve plus a safety margin of 1.0m

Max. Operating Pressure: 10 bar

PUMP DATA

| Model | Output Power (kW) | Voltage (V) | Running Current (A) | Start Current (A) | Dimensions (mm) | | | | | | Weight (Kg) | |
|---------|-------------------|-------------|---------------------|-------------------|-----------------|--------|-----|-----|-----|-----|-------------|----|
| | | | | | A1 | A2 | L1 | L2 | B1 | H | | H2 |
| CM 5-4A | 0.7 | 1x240 | 4.2 | 16.4 | 1" | 1 1/4" | 364 | 150 | 142 | 208 | 149 | 6 |
| CM 5-6A | 1.3 | 1x240 | 8.9 | 30.3 | 1" | 1 1/4" | 451 | 227 | 178 | 229 | 201 | 26 |



All dimensions in mm

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