

# CDM5-14

CDM / CDMF | Vertical multistage centrifugal pump



CNP-M-000187

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## FLOW RANGE

2.5 - 8.5 m<sup>3</sup>/h

## HEAD RANGE

43.5 - 104 m

## MOTOR

2.2 kW

## SPEED

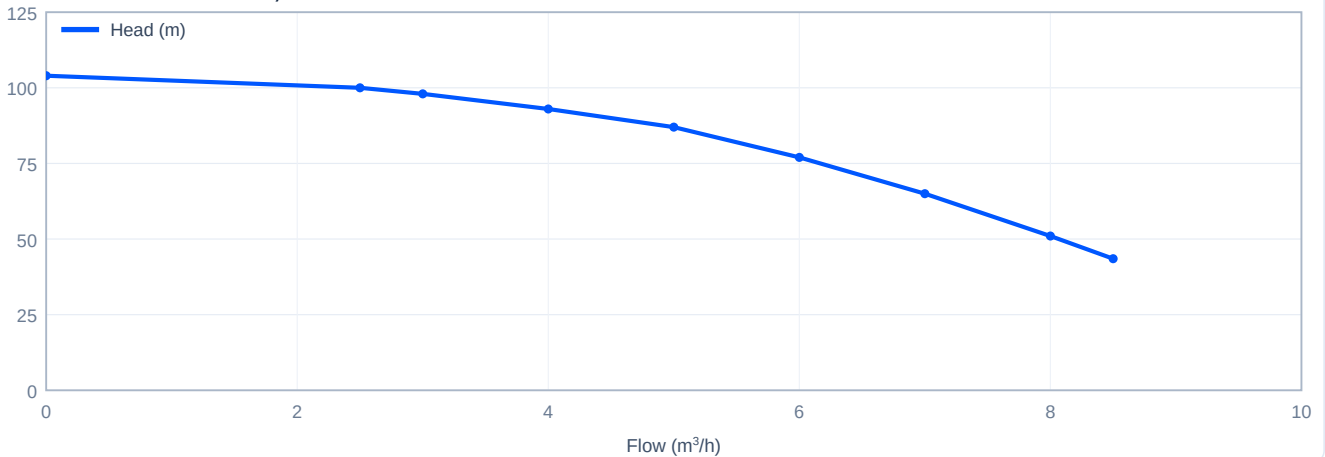
2900 rpm

## Specifications

|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Series          | CDM / CDMF                                                                      |
| Size            | CDM5                                                                            |
| Stages          | 14                                                                              |
| Mains frequency | 50 Hz                                                                           |
| Speed           | 2900 rpm                                                                        |
| Motor power     | 2.2 kW (3 hp)                                                                   |
| Max pressure    | 24 bar                                                                          |
| Connection      | DIN flange DN32                                                                 |
| Weight          | 43 kg                                                                           |
| Data basis      | Published performance curve (Performance table printed p. 15; dimensions p. 38) |

## Performance curve

Head versus flow - CDM5-14, 50 Hz



Efficiency, shaft power and NPSHr are not published for this model in the source catalogue.

## Performance table

| Flow (m <sup>3</sup> /h) | Head (m) |
|--------------------------|----------|
| 0                        | 104      |
| 2.5                      | 100      |
| 3                        | 98       |
| 4                        | 93       |



| Flow (m³/h) | Head (m) |
|-------------|----------|
| 5           | 87       |
| 6           | 77       |
| 7           | 65       |
| 8           | 51       |
| 8.5         | 43.5     |

## Dimensions (mm)

| Code           | Description                           | Value |
|----------------|---------------------------------------|-------|
| H1             | H1 — pump height                      | 545   |
| H2             | H2 — motor height                     | 293   |
| H              | H — overall height, flange            | 913   |
| H_oth          | H — overall height, other connections | 888   |
| D1             | D1 — motor diameter                   | 172   |
| D2             | D2 — base / flange width              | 120   |
| weight_cdmf_kg | Net weight CDMF                       | 38    |
| -              | Net weight                            | 43    |

Dimension codes follow the CNP catalogue drawing. Confirm installation dimensions with the approved drawing before civil or piping work.

Performance is for clean water at 20 °C unless stated, per the CNP published catalogue. Tolerances follow ISO 9906. This datasheet is for selection guidance; final selection, materials and price are confirmed in our written quotation. Reference SR-261028-A7D23. Contact: +92 345 9547419 sales@cnppakistan.com