

# CDLK42-30/3

CDLK / CDLKF (immersion) | Vertical multistage centrifugal pump



CNP-M-001616

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## FLOW RANGE

30 - 65 m<sup>3</sup>/h

## HEAD RANGE

68 - 102 m

## MOTOR

18.5 kW

## SPEED

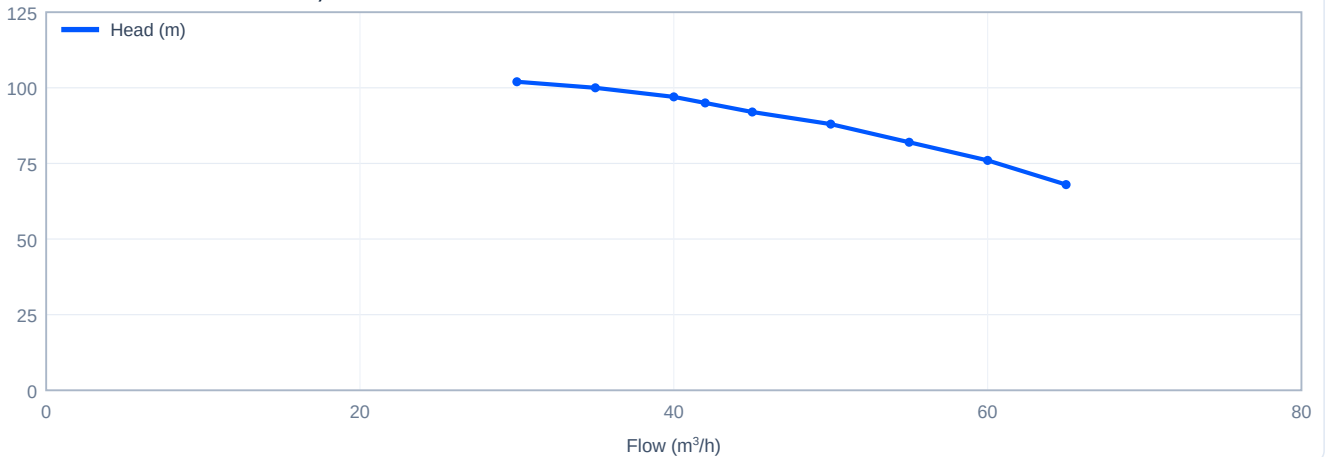
3500 rpm

## Specifications

|                 |                                                                    |
|-----------------|--------------------------------------------------------------------|
| Series          | CDLK / CDLKF (immersion)                                           |
| Size            | CDLK42                                                             |
| Stages          | 3                                                                  |
| Mains frequency | 60 Hz                                                              |
| Speed           | 3500 rpm                                                           |
| Motor power     | 18.5 kW (25 hp)                                                    |
| Max pressure    | 30 bar                                                             |
| Connection      | DIN flange DN80                                                    |
| Weight          | 175 kg                                                             |
| Data basis      | Published performance curve (Performance table, printed pp. 47–48) |

## Performance curve

Head versus flow - CDLK42-30/3, 60 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) |
|--------------------------|----------|
| 30                       | 102      |
| 35                       | 100      |
| 40                       | 97       |
| 42                       | 95       |



| Flow (m³/h) | Head (m) |
|-------------|----------|
| 45          | 92       |
| 50          | 88       |
| 55          | 82       |
| 60          | 76       |
| 65          | 68       |

Dimensions (mm)

| Code | Description          | Value |
|------|----------------------|-------|
| A    | A — overall height   | 1140  |
| B    | B — immersion length | 358   |
| C    | C — motor height     | 782   |
| D    | D                    | 255   |
| D1   | D1 — motor diameter  | 330   |
| -    | Net weight           | 175   |

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-261029-7EF01. Contact: +92 345 9547419 sales@cnppakistan.com