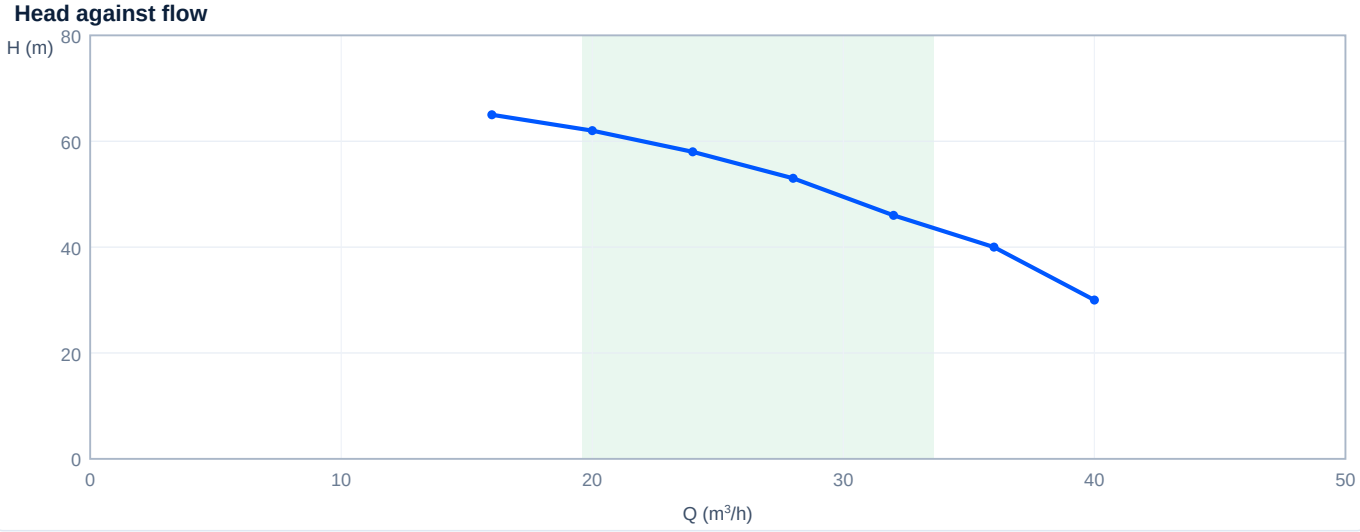
PUMP DATASHEET

CDL32-40-2

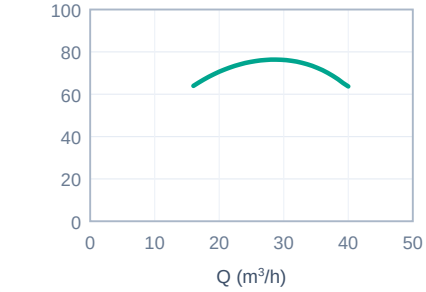
CDL / CDLF | CDL32 | 50 Hz | 2900 rpm | 2-pole

FLOW RANGE	HEAD RANGE	MOTOR	BEST EFFICIENCY
16.00 to 40.00 m³/h	30.00 to 65.00 m	7.5 kW	76.3 % at 28.0 m³/h

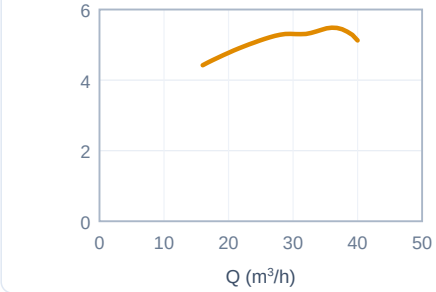
Head against flow



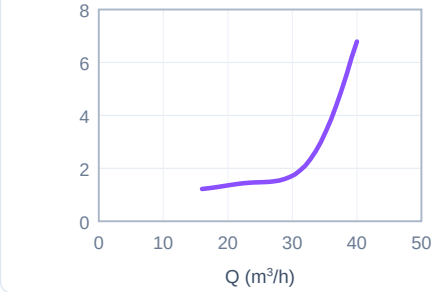
Efficiency (%)



Shaft power (kW)



NPSHr (m)



Efficiency, power and NPSHr: Digitized from the chart of the identical CDM pump (same head table).

Performance curve points

Q (m³/h)	Q (l/s)	H (m)	p (bar)	eff. (%)	P (kW)	NPSHr (m)
16.00	4.44	65.00	6.36	63.9	4.42	1.22
20.00	5.56	62.00	6.07	70.6	4.77	1.36
24.00	6.67	58.00	5.68	74.7	5.07	1.47
28.00	7.78	53.00	5.19	76.3	5.29	1.54
32.00	8.89	46.00	4.50	75.4	5.31	2.10
36.00	10.00	40.00	3.92	71.4	5.49	3.85
40.00	11.11	30.00	2.94	63.7	5.12	6.79

Catalogue-based selection support. Final suitability must be confirmed against the full catalogue curves and by a technical review.

Specification and operating limits

Liquid temperature	**-15 to 70 °C (to 120 °C hot-water type)**
Max density / viscosity	**1200 kg/m³ / 10 cSt**
Solids	**None: thin, clean liquid without grains or fibres**
Max working pressure	**16 bar (shut-off pressure about 6.4 bar with a flooded inlet at 0 bar)**
Wet-end materials	**Cast-iron pump head and base; AISI 304 stainless impellers, diffusers and sleeves; AISI 304/316L shaft; tungsten-carbide bearings.**
Installation	**Catalogue suction rule: H = Pb × 10.2 - NPSH - Hf - Hv - Hs, with the safety margin Hs at least 0.5 m. NPSHa must exceed NPSHr by at least 0.5 m. The catalogue motor ratings hold for an ambient temperature up to 40 °C and an altitude up to 1000 m; above that the motor must be derated or a larger motor used.**
Electrical	**1~ 220–240 V (small sizes) · 3~ 380–415 V | IP55 | class F**
Weight	**108 kg**

Dimensions (mm)

B1	B2	B1+B2	D1	D2
715	390	1105	260	208

Dimension letters follow the outline drawing in the catalogue. Dimensions are nominal and not for construction without a certified drawing.

Application: CDLF is the all-stainless version; hot-water type runs to +120 °C.

Source: CNP CDL/CDLF 50 Hz catalogue (E220813), page Performance table, printed pp. 31–32. Performance is for clean cold water measured to the catalogue basis; acceptance tolerances follow ISO 9906. Check materials, seal, supply and starting method for the actual liquid before ordering.

Catalogue-based selection support. Final suitability must be confirmed against the full catalogue curves and by a technical review.