

SP-2(2350)

SP (self-priming sewage) | Non-clogging self-priming sewage pump



CNP-M-001205

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FLOW RANGE

12.5 - 40 m³/h

HEAD RANGE

15.3 - 23.2 m

MOTOR

7.5 kW

SPEED

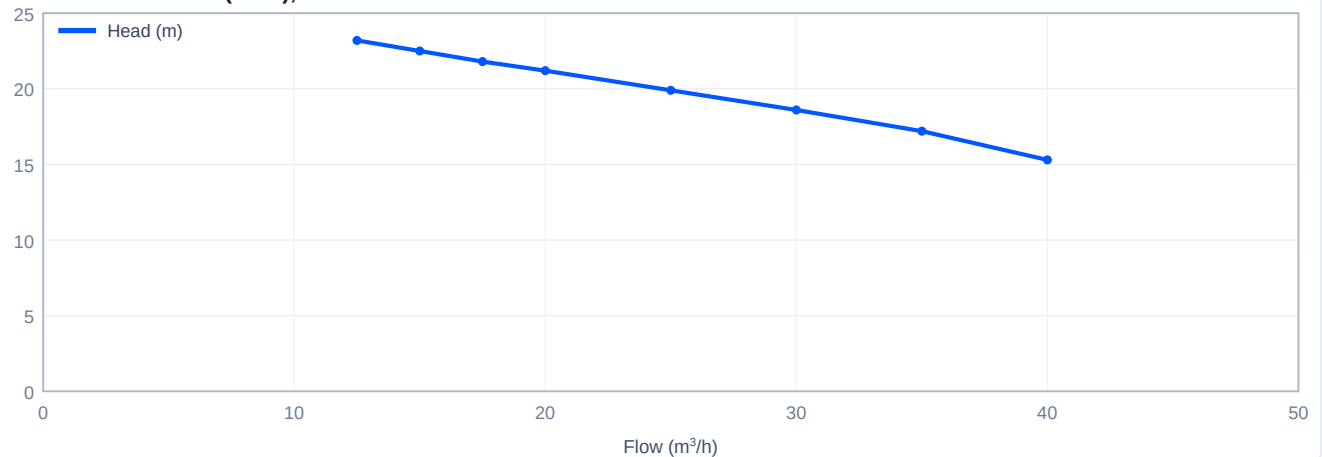
2350 rpm

Specifications

Series	SP (self-priming sewage)
Size	SP-2
Mains frequency	50 Hz
Speed	2350 rpm
Motor power	7.5 kW (10 hp)
Connection	Flange DN50, PN0.6MPa / Class 150 lb
Weight	99 kg
Data basis	Published performance curve (Performance and operating tables, printed p. 7; dimensions pp. 20–26)

Performance curve

Head versus flow - SP-2(2350), 50 Hz



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

Performance table

Flow (m ³ /h)	Head (m)
12.5	23.2
15	22.5
17.5	21.8
20	21.2
25	19.9



Flow (m³/h)	Head (m)
30	18.6
35	17.2
40	15.3

Dimensions (mm)

Code	Description	Value
DN	DN — flange bore	50
D	D — flange outer diameter	140
D1	D1 — bolt circle	110
D2	D2 — raised face	90
n	n — flange bolt holes	4
d1	d1 — flange bolt-hole diameter	14
H2	H2	318
A	A	308
A1	A1	281
B	B	163.2
B1	B1	54
L2	L2	274.8
d2	d2 — foot bolt-hole diameter	14
H3	H3	151.5
L3	L3	104
d	d — shaft diameter	38
H	H — overall height, bare pump	552
Am	Am	321
H4	H4	502
L	L — overall length, bare pump	615
L4	L4	233
E1	E1	27.5
E2	E2	70
belt_Ad	Belt-driven set — Ad	313
belt_Ld1	Belt-driven set — Ld1	100
belt_Ld2	Belt-driven set — Ld2	670
belt_d	Belt-driven set — d	20
belt_H11	Belt-driven set — H11	438
belt_H31	Belt-driven set — H31	271.5
belt_H41	Belt-driven set — H41	622
belt_L	Belt-driven set — L	451
belt_Ld	Belt-driven set — Ld	870
belt_K	Belt-driven set — K	655



Code	Description	Value
belt_Hm	Belt-driven set — Hm	672
belt_Am	Belt-driven set — Am	361
belt_HD	Belt-driven set — HD	472
belt_E	Belt-driven set — E	30
-	Net weight	99

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-E37F4. Contact: +92 345 9547419 sales@cnppakistan.com