

SP-8(850)

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



CNP-M-000382

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FLOW RANGE

150 - 350 m³/h

HEAD RANGE

8 - 11.5 m

MOTOR

15 kW

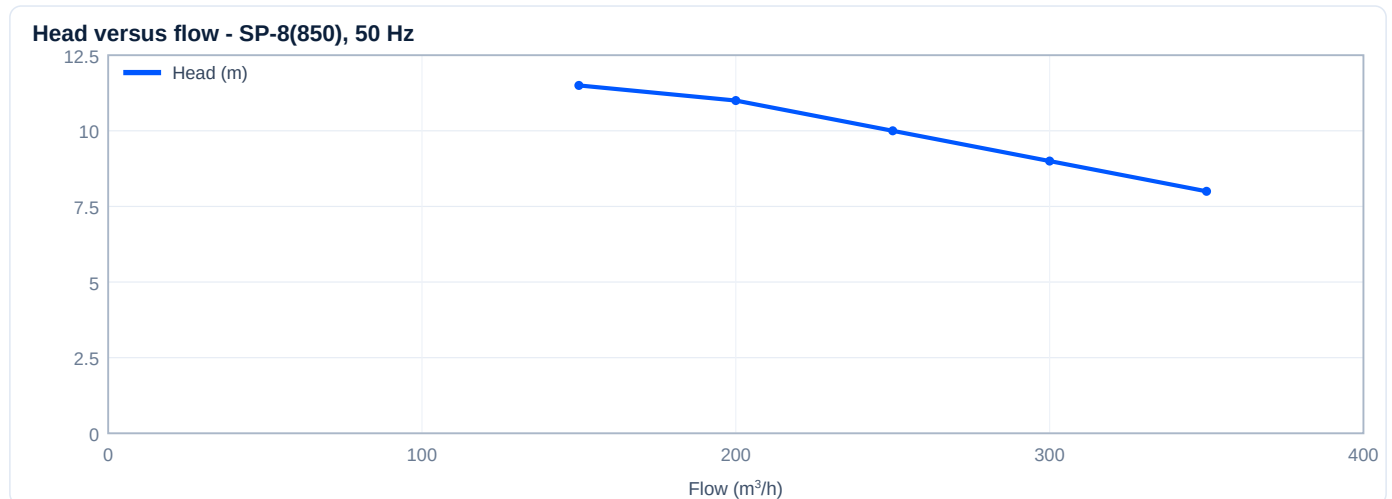
SPEED

850 rpm

Specifications

Series	SP (self-priming sewage)
Size	SP-8
Mains frequency	50 Hz
Speed	850 rpm
Motor power	15 kW (20 hp)
Connection	Flange DN200, PN1.0MPa / Class 150 lb
Weight	655 kg
Data basis	Published performance curve (Performance and operating tables, printed p. 15; dimensions pp. 20–26)

Performance curve



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

Performance table

Flow (m ³ /h)	Head (m)
150	11.5
200	11
250	10
300	9
350	8



Dimensions (mm)

Code	Description	Value
DN	DN — flange bore	200
D	D — flange outer diameter	340
D1	D1 — bolt circle	295
D2	D2 — raised face	266
n	n — flange bolt holes	8
d1	d1 — flange bolt-hole diameter	23
H2	H2	723.8
A	A	716
A1	A1	635
B	B	304.8
B1	B1	101.6
L2	L2	407.1
d2	d2 — foot bolt-hole diameter	24
H3	H3	330.2
L3	L3	170
d	d — shaft diameter	48
H	H — overall height, bare pump	989
Am	Am	716
H4	H4	1069.3
L	L — overall length, bare pump	1023
L4	L4	412.8
E1	E1	0
E2	E2	0
belt_Ad	Belt-driven set — Ad	599
belt_Ld1	Belt-driven set — Ld1	150
belt_Ld2	Belt-driven set — Ld2	1000
belt_d	Belt-driven set — d	24
belt_H11	Belt-driven set — H11	924
belt_H31	Belt-driven set — H31	530.2
belt_H41	Belt-driven set — H41	1269.3
belt_L	Belt-driven set — L	642
belt_Ld	Belt-driven set — Ld	1315
belt_K	Belt-driven set — K	1043
belt_Hm	Belt-driven set — Hm	1270
belt_Am	Belt-driven set — Am	660
belt_HD	Belt-driven set — HD	660
belt_E	Belt-driven set — E	150.2
-	Net weight	655



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-261027-96133. Contact: +92 345 9547419 sales@cnppakistan.com