

SP-6(1350)

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



CNP-M-000234

Scan to open this online



FLOW RANGE

120 - 270 m³/h

HEAD RANGE

12 - 20.5 m

MOTOR

30 kW

SPEED

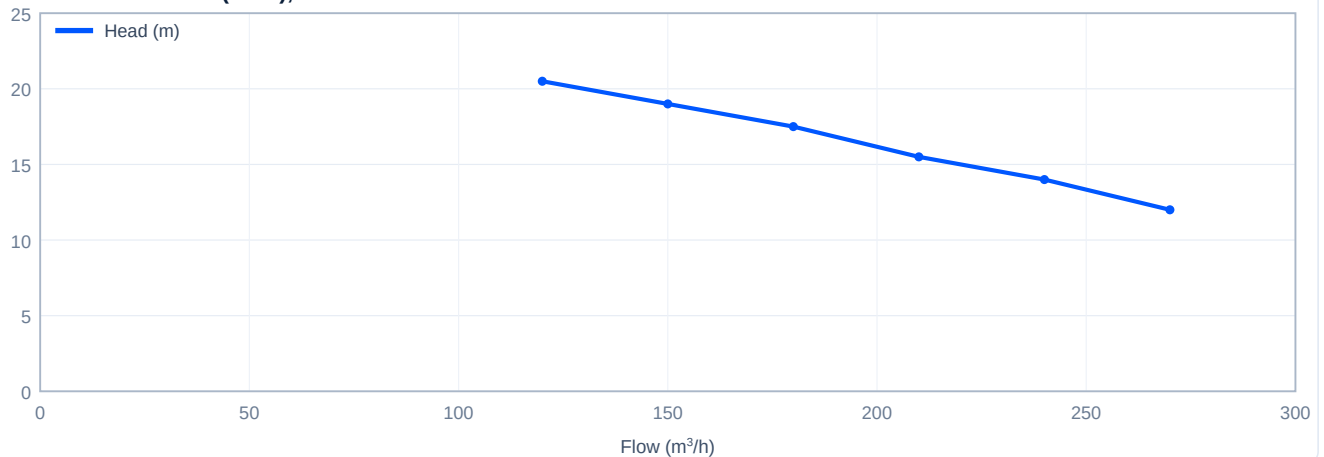
1350 rpm

Specifications

Series	SP (self-priming sewage)
Size	SP-6
Mains frequency	50 Hz
Speed	1350 rpm
Motor power	30 kW (40 hp)
Connection	Flange DN150, PN1.0MPa / Class 150 lb
Weight	438 kg
Data basis	Published performance curve (Performance and operating tables, printed p. 13; dimensions pp. 20–26)

Performance curve

Head versus flow - SP-6(1350), 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)
120	20.5
150	19
180	17.5
210	15.5
240	14



Flow (m³/h)	Head (m)
270	12

Dimensions (mm)

Code	Description	Value
DN	DN — flange bore	150
D	D — flange outer diameter	285
D1	D1 — bolt circle	240
D2	D2 — raised face	212
n	n — flange bolt holes	8
d1	d1 — flange bolt-hole diameter	23
H2	H2	574.3
A	A	580
A1	A1	527
B	B	279.4
B1	B1	77.8
L2	L2	294
d2	d2 — foot bolt-hole diameter	18
H3	H3	257.2
L3	L3	127
d	d — shaft diameter	38
H	H — overall height, bare pump	875
Am	Am	580
H4	H4	887.7
L	L — overall length, bare pump	906.6
L4	L4	411
E1	E1	0
E2	E2	50
belt_Ad	Belt-driven set — Ad	381
belt_Ld1	Belt-driven set — Ld1	100
belt_Ld2	Belt-driven set — Ld2	1130
belt_d	Belt-driven set — d	20
belt_H11	Belt-driven set — H11	714.3
belt_H31	Belt-driven set — H31	397.2
belt_H41	Belt-driven set — H41	1027.7
belt_L	Belt-driven set — L	692
belt_Ld	Belt-driven set — Ld	1340
belt_K	Belt-driven set — K	947
belt_Hm	Belt-driven set — Hm	1030
belt_Am	Belt-driven set — Am	436



Code	Description	Value
belt_HD	Belt-driven set — HD	655
belt_E	Belt-driven set — E	67.2
-	Net weight	438

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-261027-8FE97. Contact: +92 345 9547419 sales@cnppakistan.com