

SP-4(1950)

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



CNP-M-001218

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FLOW RANGE

48 - 160 m³/h

HEAD RANGE

21.7 - 34.5 m

MOTOR

30 kW

SPEED

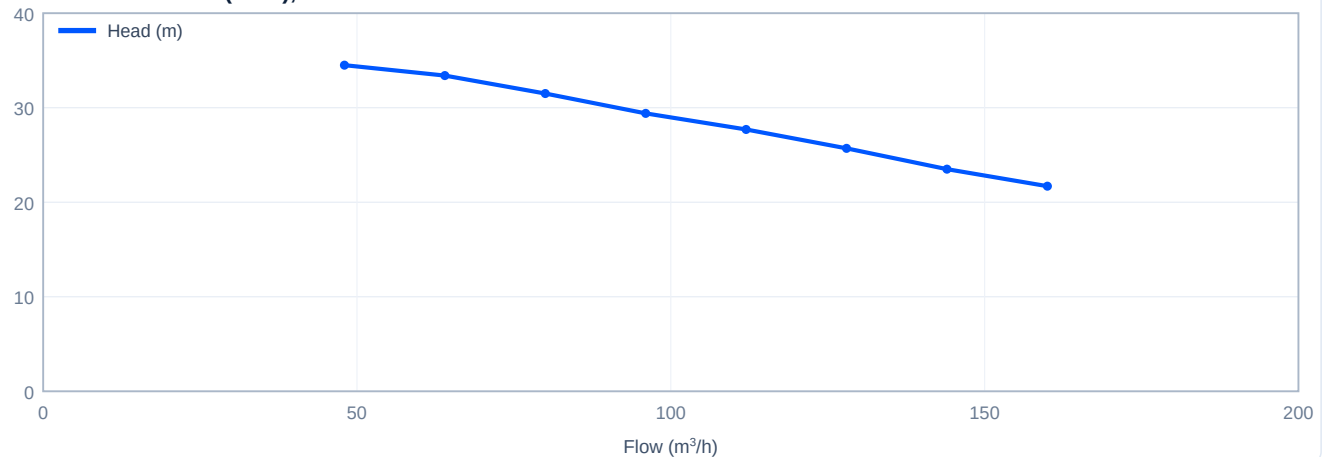
1950 rpm

Specifications

Series	SP (self-priming sewage)
Size	SP-4
Mains frequency	50 Hz
Speed	1950 rpm
Motor power	30 kW (40 hp)
Connection	Flange DN100, PN1.0MPa / Class 150 lb
Weight	275 kg
Data basis	Published performance curve (Performance and operating tables, printed p. 11; dimensions pp. 20–26)

Performance curve

Head versus flow - SP-4(1950), 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)
48	34.5
64	33.4
80	31.5
96	29.4
112	27.7



Flow (m³/h)	Head (m)
128	25.7
144	23.5
160	21.7

Dimensions (mm)

Code	Description	Value
DN	DN — flange bore	100
D	D — flange outer diameter	228.6
D1	D1 — bolt circle	180
D2	D2 — raised face	158
n	n — flange bolt holes	8
d1	d1 — flange bolt-hole diameter	19
H2	H2	495.3
A	A	428
A1	A1	373
B	B	279.4
B1	B1	110
L2	L2	326
d2	d2 — foot bolt-hole diameter	18
H3	H3	222.2
L3	L3	127
d	d — shaft diameter	38
H	H — overall height, bare pump	760
Am	Am	429
H4	H4	735
L	L — overall length, bare pump	813.5
L4	L4	318
E1	E1	13
E2	E2	50
belt_Ad	Belt-driven set — Ad	413
belt_Ld1	Belt-driven set — Ld1	100
belt_Ld2	Belt-driven set — Ld2	870
belt_d	Belt-driven set — d	20
belt_H11	Belt-driven set — H11	635.3
belt_H31	Belt-driven set — H31	362.2
belt_H41	Belt-driven set — H41	875
belt_L	Belt-driven set — L	526
belt_Ld	Belt-driven set — Ld	1070
belt_K	Belt-driven set — K	855



Code	Description	Value
belt_Hm	Belt-driven set — Hm	900
belt_Am	Belt-driven set — Am	468
belt_HD	Belt-driven set — HD	655
belt_E	Belt-driven set — E	32.2
-	Net weight	275

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-261028-65E21. Contact: +92 345 9547419 sales@cnppakistan.com