CNP PUMPS PAKISTAN

SP-3(1850)

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

CNP-M-000730

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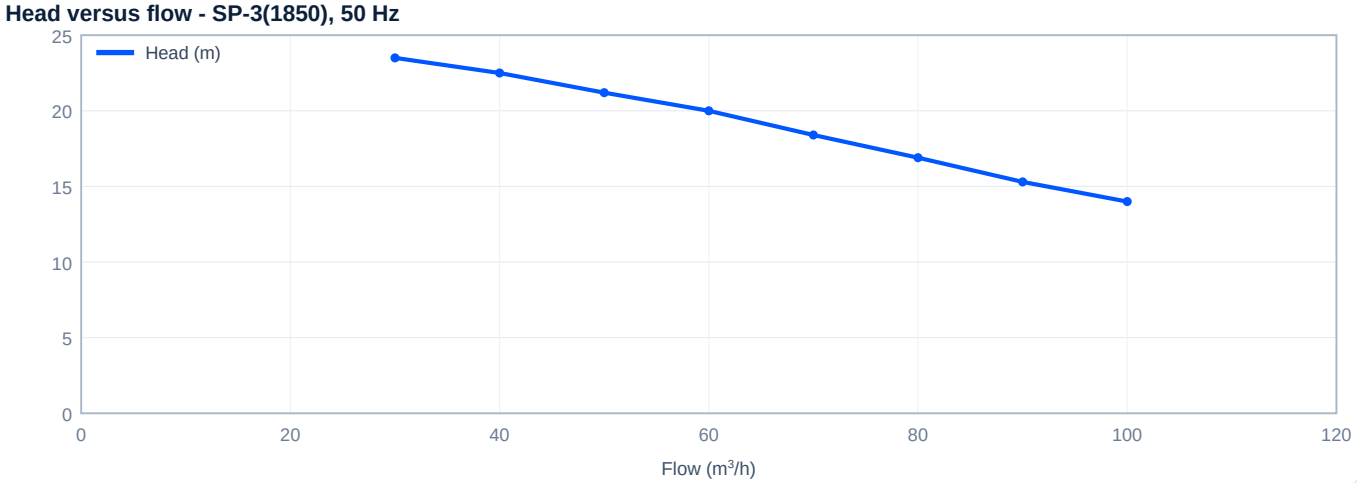
FLOW RANGE	HEAD RANGE	MOTOR	SPEED
30 - 100 m³/h	**14 - 23.5 m**	**15 kW**	**1850 rpm**

Specifications

Series	**SP (self-priming sewage)**
Size	**SP-3**
Mains frequency	**50 Hz**
Speed	**1850 rpm**
Motor power	**15 kW (20 hp)**
Connection	**Flange DN80, PN0.6MPa / Class 150 lb**
Weight	**190 kg**
Data basis	**Published performance curve (Performance and operating tables, printed p. 9; dimensions pp. 20–26)**

Performance curve

Head versus flow - SP-3(1850), 50 Hz



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

Performance table

Flow (m³/h)	Head (m)
30	23.5
40	22.5
50	21.2
60	20
70	18.4

Flow (m^3/h)	Head (m)
80	16.9
90	15.3
100	14

Dimensions (mm)

Code	Description	Value
DN	DN — flange bore	80
D	D — flange outer diameter	190
D1	D1 — bolt circle	150
D2	D2 — raised face	127
n	n — flange bolt holes	4
d1	d1 — flange bolt-hole diameter	19
H2	H2	431.8
A	A	377
A1	A1	328
B	B	228.6
B1	B1	76.2
L2	L2	285
d2	d2 — foot bolt-hole diameter	18
H3	H3	190.5
L3	L3	102
d	d — shaft diameter	38
H	H — overall height, bare pump	697.5
Am	Am	389
H4	H4	652
L	L — overall length, bare pump	712.2
L4	L4	277
E1	E1	15
E2	E2	50
belt_Ad	Belt-driven set — Ad	341
belt_Ld1	Belt-driven set — Ld1	100
belt_Ld2	Belt-driven set — Ld2	781
belt_d	Belt-driven set — d	20
belt_H11	Belt-driven set — H11	552
belt_H31	Belt-driven set — H31	310.5
belt_H41	Belt-driven set — H41	772
belt_L	Belt-driven set — L	514
belt_Ld	Belt-driven set — Ld	981
belt_K	Belt-driven set — K	752

Code	Description	Value
belt_Hm	Belt-driven set — Hm	818
belt_Am	Belt-driven set — Am	389
belt_HD	Belt-driven set — HD	545
belt_E	Belt-driven set — E	41
-	Net weight	190

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-261028-32580. Contact: +92 345 9547419 sales@cnppakistan.com