CNP PUMPS PAKISTAN

SP-6(750)

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

CNP-M-000711

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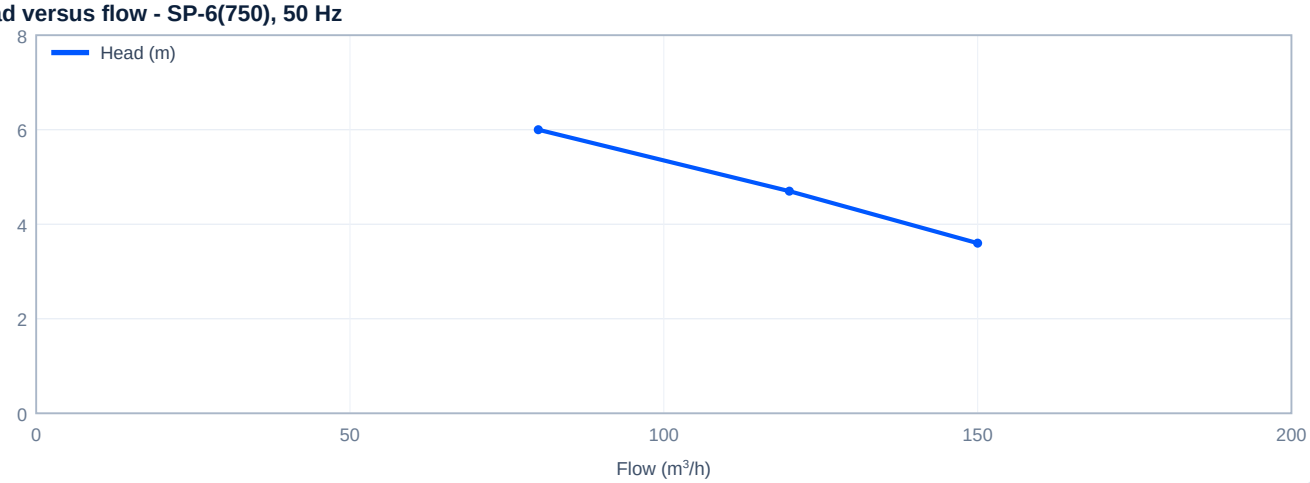
FLOW RANGE	HEAD RANGE	MOTOR	SPEED
80 - 150 m³/h	**3.6 - 6 m**	**4 kW**	**750 rpm**

Specifications

Series	**SP (self-priming sewage)**
Size	**SP-6**
Mains frequency	**50 Hz**
Speed	**750 rpm**
Motor power	**4 kW (5.5 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(750), 50 Hz



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

Performance table

Flow (m³/h)	Head (m)
80	6
120	4.7
150	3.6

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
cpl_Ad	Coupled set — Ad	510
cpl_Ld1	Coupled set — Ld1	150
cpl_Ld2	Coupled set — Ld2	784
cpl_d	Coupled set — d	20
cpl_H11	Coupled set — H11	710.3
cpl_H31	Coupled set — H31	393.2
cpl_H41	Coupled set — H41	1023.7
cpl_K	Coupled set — K	1544
cpl_Am	Coupled set — Am	590
cpl_Hm	Coupled set — Hm	1024
cpl_HD	Coupled set — HD	648.2
cpl_E	Coupled set — E	97.2
cpl_Ld	Coupled set — Ld	1084
-	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-261028-D4851. Contact: +92 345 9547419 sales@cnppakistan.com