CNP PUMPS PAKISTAN

SP-8(950)

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

CNP-M-000362

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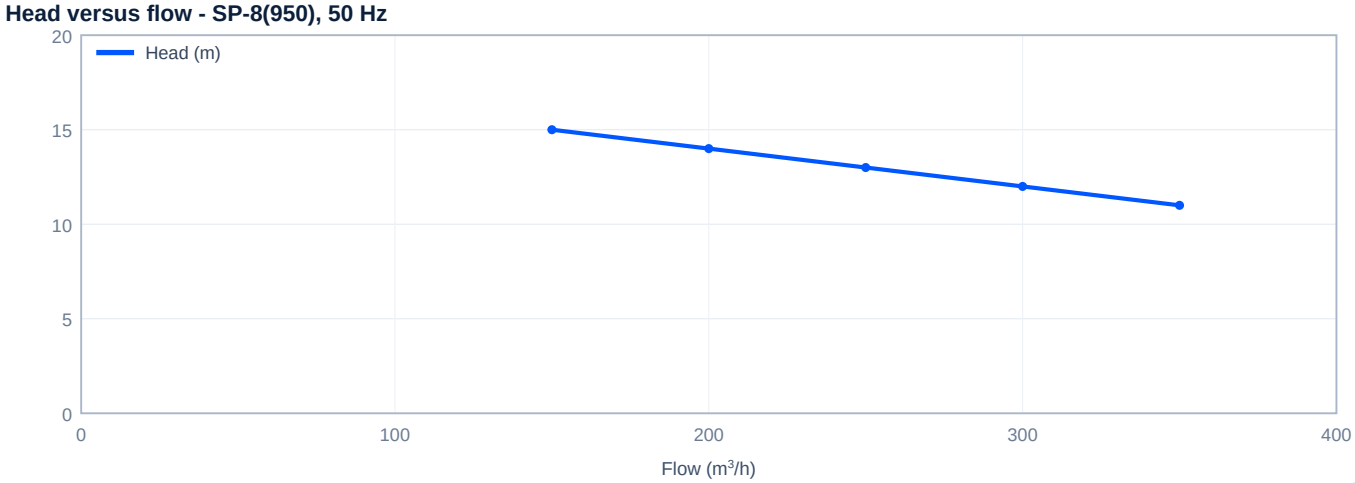
FLOW RANGE	HEAD RANGE	MOTOR	SPEED
150 - 350 m³/h	**11 - 15 m**	**22 kW**	**950 rpm**

Specifications

Series	**SP (self-priming sewage)**
Size	**SP-8**
Mains frequency	**50 Hz**
Speed	**950 rpm**
Motor power	**22 kW (30 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

Head versus flow - SP-8(950), 50 Hz



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

Performance table

Flow (m³/h)	Head (m)
150	15
200	14
250	13
300	12
350	11

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
cpl_Ad	Coupled set — Ad	640
cpl_Ld1	Coupled set — Ld1	150
cpl_Ld2	Coupled set — Ld2	1085
cpl_d	Coupled set — d	24
cpl_H11	Coupled set — H11	904
cpl_H31	Coupled set — H31	510.2
cpl_H41	Coupled set — H41	1250
cpl_K	Coupled set — K	1769
cpl_Am	Coupled set — Am	716
cpl_Hm	Coupled set — Hm	1250
cpl_HD	Coupled set — HD	815
cpl_E	Coupled set — E	130.2
cpl_Ld	Coupled set — Ld	1385
-	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-261027-9A80F. Contact: +92 345 9547419 sales@cnppakistan.com