

ZS100-80-200/37.0

ZS (stainless horizontal) | Stainless steel horizontal single-stage centrifugal pump



CNP-M-001420

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FLOW RANGE

60 - 200 m³/h

HEAD RANGE

47.1 - 64.1 m

MOTOR

37 kW

SPEED

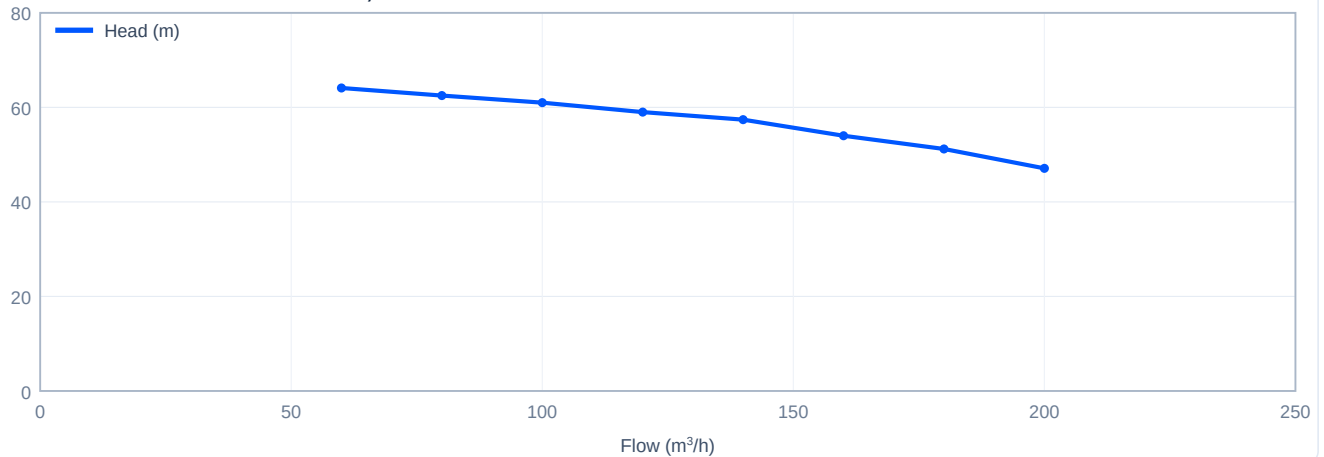
2950 rpm

Specifications

Series	ZS (stainless horizontal)
Size	ZS100-80
Mains frequency	50 Hz
Speed	2950 rpm
Motor power	37 kW (50 hp)
Max pressure	10 bar
Connection	Flange DN100 inlet / DN80 outlet (PN16)
Weight	315 kg
Data basis	Published performance curve (Performance table, PDF p. 9)

Performance curve

Head versus flow - ZS100-80-200/37.0, 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)
60	64.1
80	62.5
100	61
120	59
140	57.4



Flow (m³/h)	Head (m)
160	54
180	51.2
200	47.1

Dimensions (mm)

Code	Description	Value
DN1	DN1 — inlet bore	100
DN2	DN2 — outlet bore	80
A1	A1	150
A2	A2	130
D1	D1 — inlet bolt circle	180
D2	D2 — outlet bolt circle	160
D3	D3 — inlet flange outer diameter	220
D4	D4 — outlet flange outer diameter	200
n1	n1 — inlet flange bolt holes (Ø18)	8
n2	n2 — outlet flange bolt holes (Ø18)	8
a	a	125
a1	a1	75
H	H — overall height	550
H1	H1 — shaft height	240
H2	H2 — outlet flange top	490
L1	L1 — base plate length	985
L2	L2	880
L3	L3 — base plate width	495
L4	L4	455
L5	L5	405
L6	L6 — overall width	400
-	Net weight	315

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-261029-E46A8. Contact: +92 345 9547419 sales@cnppakistan.com