

SP-ZGWQ · DATA SHEET

Cutting Sewage Pump

ZGWQ range · spiral cutter + blade plate · DN40–DN350

Duty point 100ZGWQ100-30-15: 100 m³/h · 30 m · 15 kW · 100 mm



Key features

- Spiral cutting structure with a sharp blade disc shreds straw, cotton, cloth and similar fibrous solids
- Cutting parts in alloy of ≥ 58 HRC hardness — wear- and corrosion-resistant, with a removable knife plate
- Double mechanical seal and a stud-type cable gland that keeps water out even if the cable sheath is damaged
- Built-in thermal protection on the motor (solid-disc protector on the 11 kW size)
- Wide range in one series: 6–1,000 m³/h, heads up to 85 m, 0.75–90 kW
- Single-phase 220 V versions for the small sizes (D models, 0.75–1.5 kW)

Specification

Flow range	6–1,000 m³/h
Head	up to 85 m
Power range	0.75–90 kW
Outlet range	DN40–DN350 (1.5"–14")
Speed	1,450 / 3,000 rpm
Power supply	380 V three-phase · 220 V single-phase on D models
Materials	HT200 cast-iron shell · HT250 pump body · alloy cutting parts ≥ 58 HRC
Applications	Municipal sewage · hotels & hospitals · food and textile waste water with fibres

Selected models — 380 V

Model	Outlet	Flow (m³/h)	Head (m)	kW	Speed (rpm)
50ZGWQ10-10-0.75	2"	10	10	0.75	3000
65ZGWQ25-10-1.5	2.5"	25	10	1.5	3000
80ZGWQ45-9-2.2	3"	45	9	2.2	3000
100ZGWQ60-9-3	4"	60	9	3	3000
100ZGWQ100-15-7.5	4"	100	15	7.5	3000
100ZGWQ100-25-11	4"	100	25	11	1450

Model	Outlet	Flow (m³/h)	Head (m)	kW	Speed (rpm)
100ZGWQ100-30-15	4"	100	30	15	1450
150ZGWQ200-15-15	6"	200	15	15	1450
200ZGWQ300-11-15	8"	300	11	15	1450
250ZGWQ500-5.5-18.5	10"	500	5.5	18.5	1450
200ZGWQ400-25-45	8"	400	25	45	1450
350ZGWQ1000-6-37	14"	1000	6	37	1450

Performance data as published in the source catalogue (220 V / 380 V models as listed). No curve chart or dimension drawing is published for this range in the source catalogue.

For a quotation, send the model code and quantity to tradingsunton@gmail.com or WhatsApp +86 173 0677 2035.