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Functions (/functions/245897)

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PW-Z Self-Priming Peripheral Pump

Applications Fields

1. The self-priming peripheral pump is suitable for transferring water without abrasive particles or other liquid whose properties are similar to water.
2. It's widely used in household water supply, well water pumping, tap water pressure, water tower's supply, solar o hot water systems pressure, etc.

Operating condition

Suction lift up to 8m

Liquid temperature $\leq +90^{\circ}\text{C}$

Environment temperature $\leq +40^{\circ}\text{C}$

Max. working pressure: 5bar

Features and advantages

A self-priming peripheral pump for both hot and cold water.

Advanced structure with lower noise.

Intelligent control by both flow sensor and pressure sensor, which is convenient.

Materials

1. Pump body: Cast iron with stainless steel insert

- ▶ Commercial Pump (/commercial-

- 2. Motor casing: Aluminum
- 3. Impeller: Brass

raft: Welded by SUS304 and Cs45#

echanical seal: Ceramic/Graphite/NBR

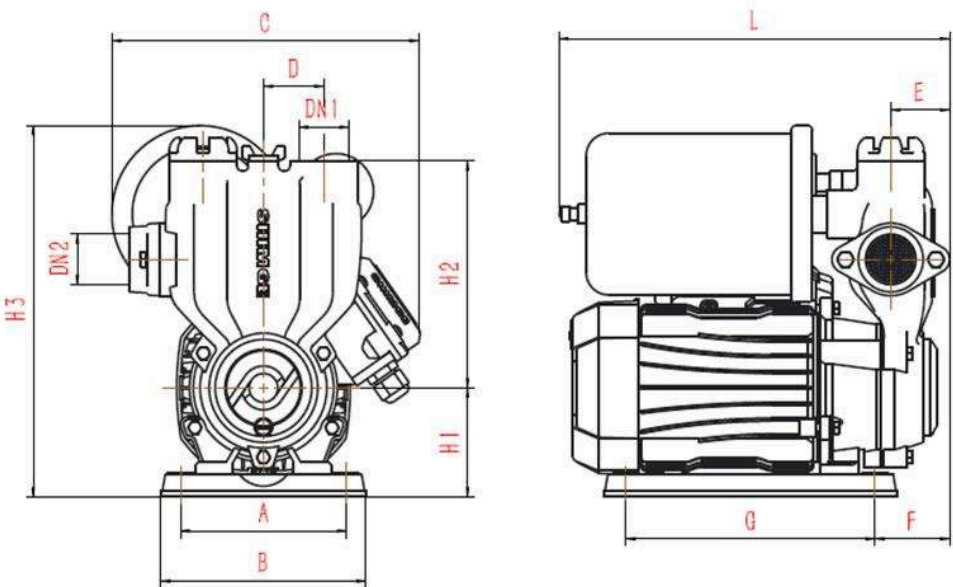
opper winding



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- ▶ Pump for HVAC (/pump-for-hvac/246025)
- ▶ Pump for Water Treatment (/pump-for-water-treatment/246026)
- ▶ Sewage Pump (/sewage-pump/246029)

Section and sizes

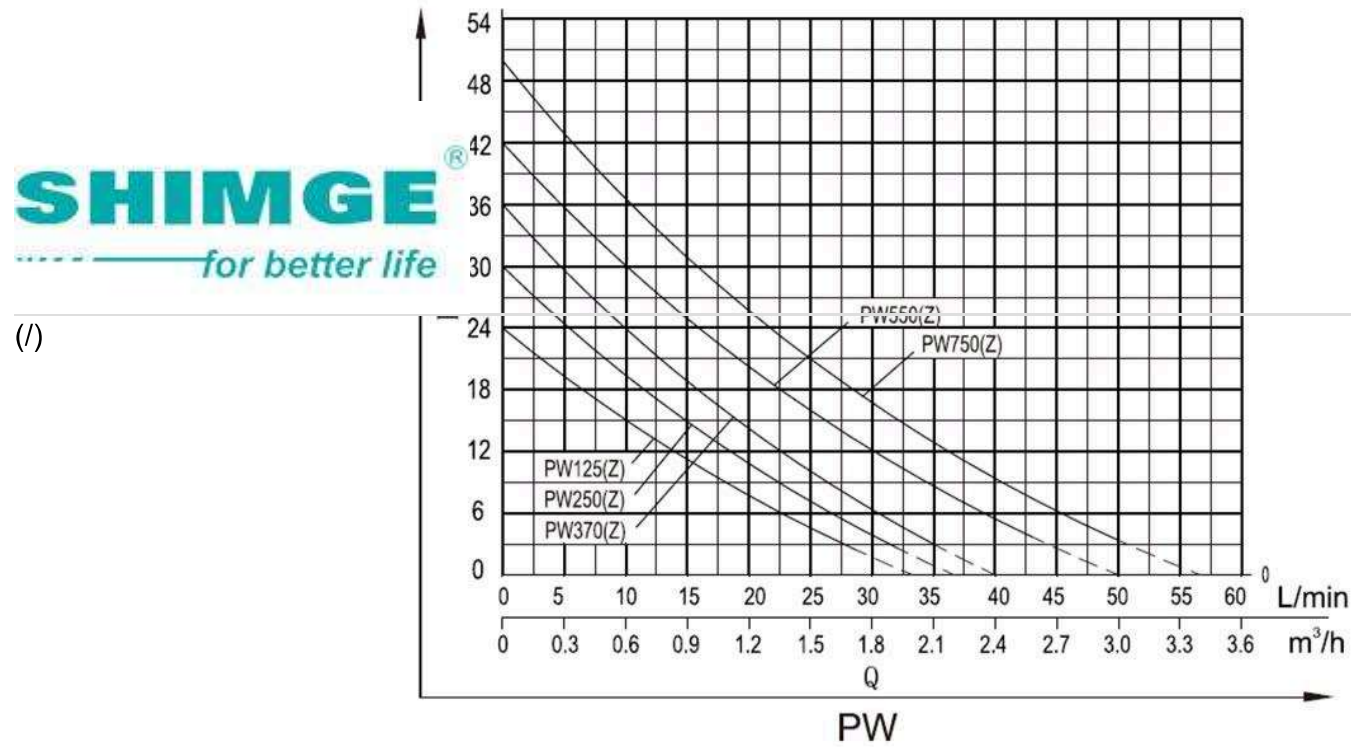


Model	DN1	DN2	A	B	C	D	E	F	G	L	H1	H2	H3
PW125	3/4"	3/4"	110	136	204	46	39	49.5	165	259	72	150	245.5
PW250	1"	1"	110	136	204	40	39	49.5	165	259	72	150	245.5
PW370	1"	1"	110	136	204	40	39	49.5	165	259	72	150	245.5
PW550	1"	1"	132	160	212	50	39	41.5	190	268	84	170	285
PW750	1"	1"	132	160	212	50	39	41.5	190	268	84	170	285

Model	DN1	DN2	A	B	C	D	E	F	G	L	H1	H2	H3
PW125Z	3/4"	3/4"	110	136	204	46	39	49.5	165	259	72	150	261
PW250Z	1"	1"	110	136	204	40	39	49.5	165	259	72	150	261
PW370Z	1"	1"	110	136	204	40	39	49.5	165	259	72	150	261
PW550Z	1"	1"	132	160	212	50	39	41.5	190	268	84	170	293
PW750Z	1"	1"	132	160	212	50	39	41.5	190	268	84	170	293

Performance Curve





Performance parameters

Model	Power		Max. Flow (m3/h)	Max. Lift head (m)	Max. Suction lift head (m)
	KW	HP			
Single phase					
PW125	0.125	0.17	2	24	8
PW250	0.25	0.34	2.2	30	8
PW370	0.37	0.5	2.4	36	8
PW550	0.55	0.75	3.0	42	8
PW750	0.75	1	3.4	50	8
PW125Z	0.125	0.17	2	24	8
PW250Z	0.25	0.34	2.2	30	8
PW370Z	0.37	0.5	2.4	36	8
PW550Z	0.55	0.75	3.0	42	8
PW750Z	0.75	1	3.4	50	8

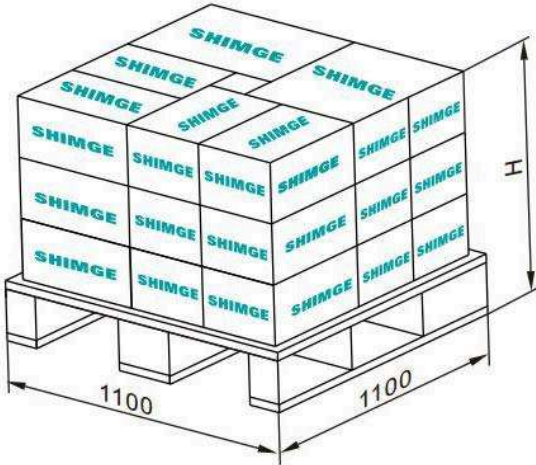
Packing sizes

Model	Parking sizes (mm)	GW (kg)	Quantities in 20 feet cabinet
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PW125(Z)	295×230×300	8.3	
PW250(Z)		9.0	
70(Z)		9.3	
50(Z)	315×245×325	12.1	
50(Z)		13.8	

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Related Products

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- » Cpm Centrifugal Pump (/3-4-centrifugal-pump/245943)
- » JET-G1 Self-Priming Jet Pump (/3-6-self-priming-jet-pump/245947)
- » QB Peripheral Pump (/3-8-peripheral-pump/245951)
- » SGT Centrifugal Pump (/3-10-centrifugal-pump/245955)
- » WZB Self-Priming Peripheral Pump (/3-12-self-priming-peripheral-pump/245959)
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- » JET Self-Priming Jet Pump (/3-5-self-priming-jet-pump/245945)
- » PUM Centrifugal Pump (/3-7-centrifugal-pump/245949)
- » SGJW Self-Priming JET Pump (/3-9-self-priming-jet-pump/245953)
- » SHF(m) Centrifugal Pump (/3-11-centrifugal-pump/245957)
- » PW-Z Self-Priming Peripheral Pump (/3-13-self-priming-peripheral-pump/247379)

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PRODUCTS

- Stainless Steel Multi-Stage Centrifugal Pump (/1-multi-stage-centrifugal-pump/245899)
- Submersible Pump for Deep Well (/2-submersible-pump/245901)
- Surface Pump (/3-surface-pump/245903)
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- Dayangcheng Industrial Zone, Daxi Town, Wenling City, Zhejiang Province, China
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