



Application

- Boosting water for low Water pressure site
- Water supply for Household use
- Water transfer of machine, facility
- Irrigation and sprinkler System

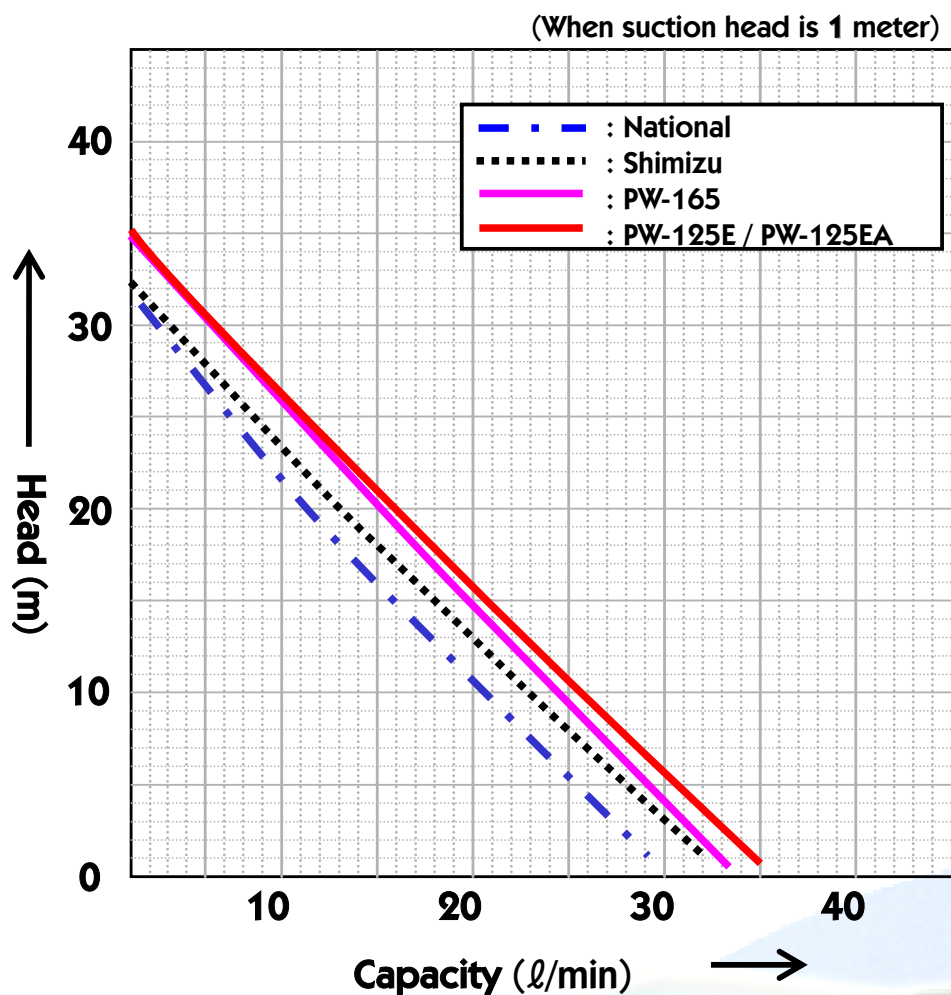
Features

- Lowering Hydraulic-friction Noise through all operation section (up to 60dB)
- Convenient SVC by National Structure (Impeller Cover)
- More Efficient cooling for Motor by the specially designed cooling fan
- Good design by ALDC Motor frame
- Shaft coated with Ni ca prevent to rust
- Painted with environmental protection paint, Good appearance, durable and sanitary

Specification

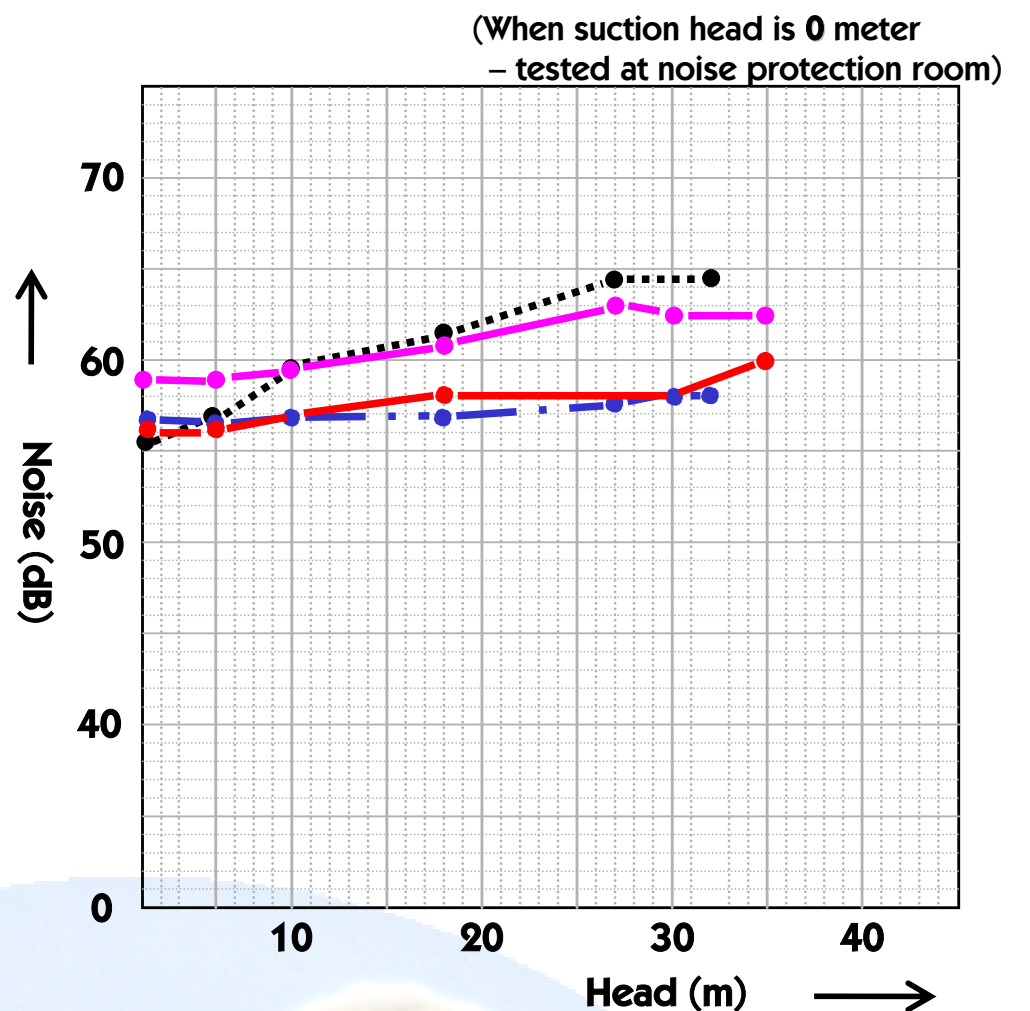
Approved fluids	Clean water
Power source	220V,50Hz, Single phase
Max. water capacity	35 ℓ/min
Max. Head	35 m
Rated Speed	2900 rpm
Fluid Temperature	0 °C to + 40 °C
Ambient Temperature	Up to + 40 °C
Max. pump usage per day	20 hrs
Motor insulation class	B
Voltage Tolerance	± 10%
Connecting Pipe	25.4 mm (1")

Performance Curve



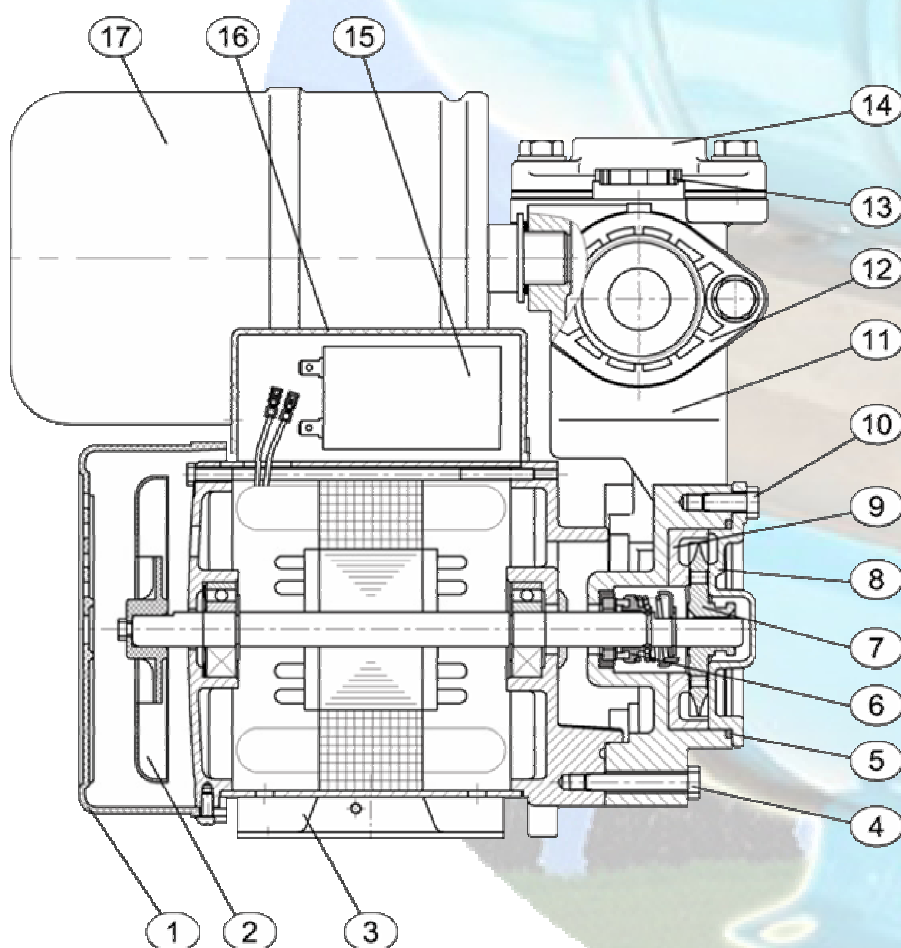
PW-125EA has secured higher position than Competitors in Performance.

Noise Data



Has secured superior position to Shimizu in Noise at Hd=18m and 26m, and also Noise level as National at the all range caused by Reduction of Friction Noise.

Sectional Drawing



Part List & Material

No.	Part Name	QTY	Materials
1	Fan Cover	1	PP(ST-031)
2	Cooling Fan	1	PP(ST-031)
3	Motor Assy	1	08F
4	Bolt	3	A3
5	O-ring	1	NBR
6	Mechanical Seal	1	Carbon + Ceramic
7	Impeller	1	Brass
8	Impeller cover	1	Brass
9	Volute	1	Brass
10	Bolt	4	A3
11	Casing	1	Cast Iron
12	Suction Flange	1	PP
13	Pipe Plug	1	PP
14	Discharge Flange	1	Cast Iron
15	Capacitor	1	8uF, 370VAC
16	Capacitor Cover	1	PP(ST-031)
17	Pressure Tank (PW-125EA)	1	ST12+NBR