PYPZ-E

Permanent Magnet Multistage Booster Pump

The PYPZ-E family is the PYS-E circulation range with one decisive addition: 8 m of self-priming lift, so it can draw well water the PYS-E cannot reach. Three sizes — 0.45 kW for 30 m, 0.55 kW for 46 m and 0.75 kW for 55 m — move 65, 75 and 85 L/min through 25 mm ports, the highest flow of the two circulation families. Body and impellers are plastic, and like the PYS-E it can be built for 110 V / 60 Hz or 170–220 V.
Energy: Runs on 60% or more less energy than a same-power conventional fixed-speed pump at the same flow/head duty point under constant-pressure conditions.

Key features

- House, water tower and hot water pressurisation
- Water lifted from wells and under roof tanks
- Energy efficient and stable operation
- Low noise operation for comfortable living spaces
- Permanent magnet frequency conversion with intelligent control
- Compact design that is easy to install

Technical data

Model	Power (kW)	HP	Hmax (m)	Qmax (L/min)	Suction (m)	Speed (rpm)	DNA	DNM	a	b	c	G.W (kg)
PYPZ-450E	0.45	0.6	30	65	8	4800	25	25	342	298	197	6.0
PYPZ-550E	0.55	0.75	46	75	8	5200	25	25	342	298	197	6.1
PYPZ-750E	0.75	1.0	55	85	8	5600	25	25	342	298	197	6.5

Working conditions

Maximum liquid temperature	4 - 55 °C
Maximum ambient temperature	4 - 50 °C
pH value	6.5 - 8.5
Insulation grade	F
Protection class	IPX4
Media properties	Clean water and other low viscosity non-aggressive liquid

Installation

Model	DNA	DNM	a	b	c	Gross weight
PYPZ-450E	25	25	342	298	197	6.0 kg
PYPZ-550E	25	25	342	298	197	6.1 kg
PYPZ-750E	25	25	342	298	197	6.5 kg

The specification confirmed for an order is the one stated in the order confirmation.

Packing

Packing	Carton with protective insert
Voltage	Customizable: 110 V / 60 Hz, or 170 - 220 V / 50 Hz or 60 Hz

Applications

- Whole-House Boosting
- Rooftop Tank & Water Tower Boosting
- Villa & Multi-Storey Homes

Fujian Calliope Pumps Co., Ltd. — For quotations, OEM/ODM projects and distributor applications, contact the export team at cason@calliopepump.com or via WhatsApp +86 178 0591 6566. See the full model page at www.calliopepump.com/products/pypz-e.

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