



PUMPS FOR DOMESTIC HOT WATER BW / BWZ 401

WITH A MAXIMUM DELIVERY HEAD OF 4.30 MWS

The VORTEX **BW 401** domestic hot water pumps are wet-rotor pumps. The pump and the motor are combined in a compact modular assembly. The motors are blocking current resistant and do not require a protective motor switch. The motor winding is according to F-class insulation.

- ✓ manual, three-step speed adjustment
- ✓ low power consumption
- ✓ high efficiency
- ✓ maintenance-free
- ✓ silent operation

The delivery scope of the **BWZ 401** domestic hot water pump includes an external timer with a 24-hour clock face (shortest increment: 15 minutes).

The pumps are provided with a pump housing with 1 1/2" external thread for cap fittings. As a standard they are equipped with screw fittings 3/4" internal (the last figure of the order number reads 2). The pumps are also available without cap fittings or with Ø 22 internal brazed fittings. The last figure of the order number then reads:

0 = without fittings / 4 = Ø 22 internal brazed fittings



AS AN EXTRA WE RECOMMEND

the non-return valve **RV 402** matching the pump.



Designation	Nominal width	Timer	Order number
BW 401 V	3/4" internal	without	411-540-002
BWZ 401 V	3/4" internal	external	411-540-202
NON-RETURN VALVE RV 402	1 1/2" internal / 1 1/2" external		301-112-040

DATA AND GRAPH

Max. delivery head	4.30 mWS
Max. delivery rate	3.50 m ³ /h
Pressure resistance	PN 10
Temperature resistance	TF 110
Minimum pressure head at 90°C	1.50 mWS
Pump housing	bronze
Voltage	1-230 V / 50 Hz
Power consumption	35-56 W
Nominal current	0.16-0.25 A
Capacitor	1.7 µF / 450 V DB
Protection class	IP 44

