



Pump group
with three-way mixing
valve and actuator

INDEX

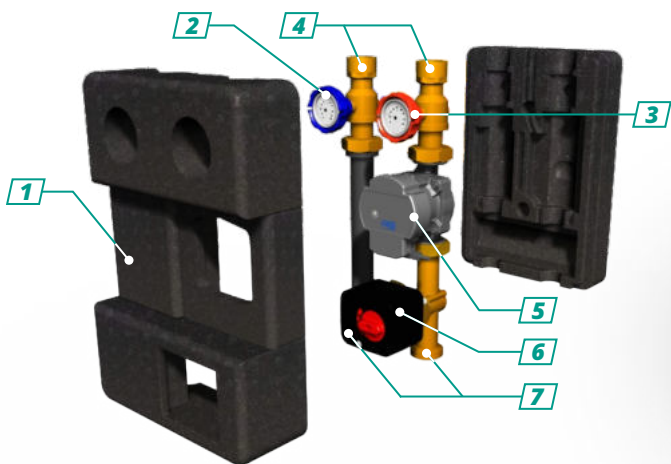
Hydra GPO S DN 20	400 011 737
Hydra GPO S DN 25	400 011 733

Pump group with three-way mixing valve is used to force the circulation of the operating medium in central heating, technological heat and cooling systems. Motor cover made from BMC.

The circulating pump enables operation in:
Δp-c, Δp-v, constant speed, AUTO adapt mode.

Pump group equipment:

- two ball shut-off valves integrated with thermometers and a check valve on the supply,
- Hydra pump with 130mm spacing,
- three-way mixing valve with actuator,
- thermal insulation.



1 Thermal insulation
(casing)

2 Ball valve with
a thermometer,
blue - return

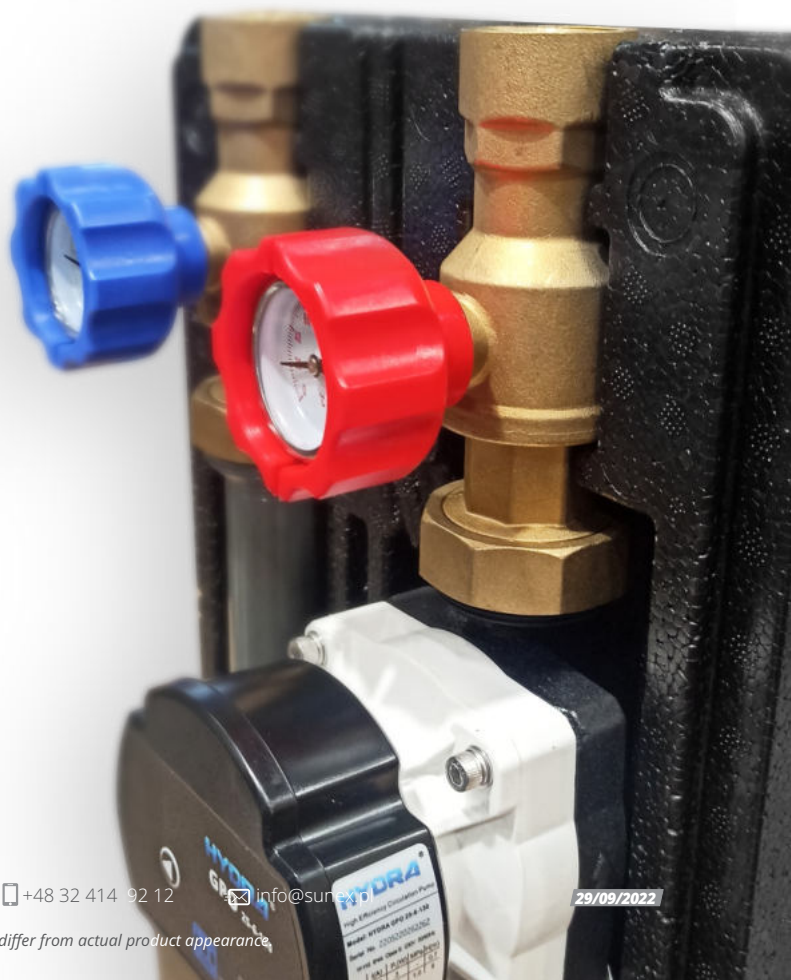
3 Ball valve with
thermometer
integrated with
non-return valve
red - supply

4 Connection: DN20 (IT ¾"),
DN25 (IT 1")

5 Hydra pump:
DN20, DN25

**6 Three-way mixing
valve with actuator**
DN20 (KVS 5,3),
DN25 (KVS 8)

7 Connection: DN20 (ET 1"),
DN25 (ET 1½")



GPO S DN 20

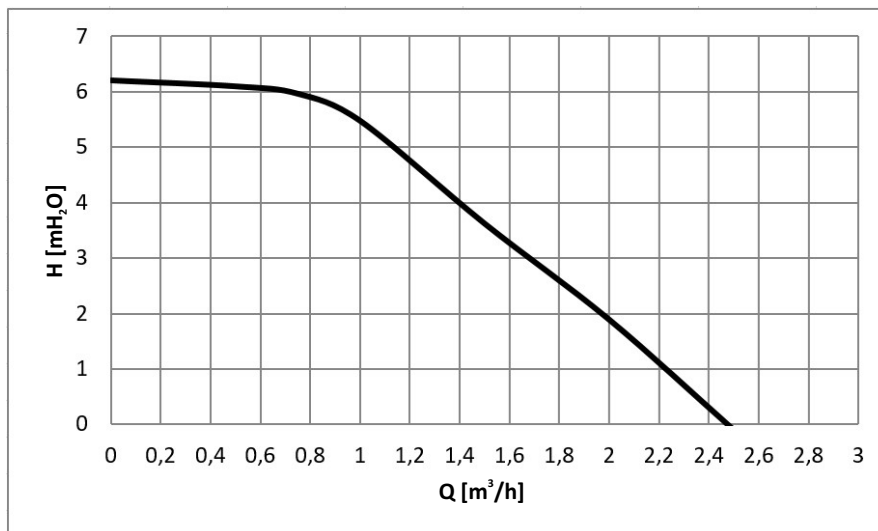
GPO S DN 25

Hydra pump	GPO 20-6-130	GPO 25-6-130
Voltage	1~230V, 50-60Hz	
Maximum power consumption	65W	
Maximum current consumption	0,5A	
Coefficient of performance	EEI ≤ 0,20	
Valve opening time	120s	
Max. pressure	6 bar	
Max. temperature	90°C	
Connection spacing	125mm	
Dimmensions (L. x W. x H.)	390x275x140mm	
Weight	6,5kg	6,9kg
Connections top	2 x IT 3/4"	2 x IT 1"
Connections bottom	2 x ET 1"	2 x ET 1 1/2"
Mixing valve	KVS 5,3	KVS 8
Actuator	6Nm	6Nm

Hydraulic characteristics

pump and mixing unit (constant speed mode)

GPO M DN 20



GPO M DN 25

