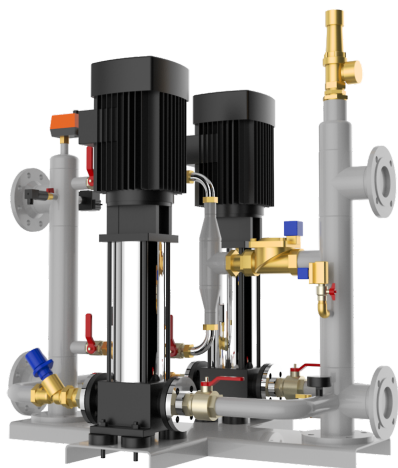


Variomat Giga GH 90, Hydraulic module for Variomat Giga DH stations

Article number: 8931400



Features



Type	GH 90	
Control variants	■ With control variant Type: [GS 3]; Weight: [278.00 kg] ■ With control variant Type: [GS 4B]; Weight: [330.00 kg]	
Number of pumps	2 St.	
Number of overflow lines	2 St.	
Max. perm. safety temperature	110 °C	
Max. perm. operating temperature	90 °C	
Max. perm. operating pressure	16 bar	
Max. p ₀ setting	8.0 bar	
Electric connection	400V/50Hz	
Expansion line connection	DN80/PN16	
Primary tank connection	DN80/PN6	
Make-up connection	Rp 1/2"	
Max. electrical rated power	6.00 kW	
Height	1200 mm	1810 mm
Width	1170 mm	
Depth	830 mm	
Weight	278.00 kg	330.00 kg
With control variant Type	GS 3	GS 4B

Description

Variomat Giga hydraulic scheme

Hydraulic module in compact design for Variomat Giga pump-controlled pressurisation system.

Suitable for and equipped for use in heat generator systems according to DIN EN 12828, DIN EN 12952, 12953 as well as for meeting the requirements of TRD 604 Sheet 2. and VDI 4708.

Implementation of the functions, pressurisation and automatic make-up in closed heating and cooling circuits. Additional degassing of the system water with corresponding mains connection and operating parameters (70 °C) possible. Then self-regulating and optimised degassing control.

All components are compactly arranged in a self-supporting, plastic coated tubular steel structure with foot plate so that they can be easily accessed and isolated. Pressurisation takes place using two low-noise vertical stainless steel high pressure centrifugal pumps with vibration decoupling in conjunction with two likewise, parallel arranged overflow lines. In detail these comprise a dirt trap connected in series and a dirt-insensitive motorised ball as an automatically adjustable overflow device. The entire overflow path is additionally protected in the event of minimum pressure undershooting by an additional solenoid valve in conjunction with a minimum pressure limiter integrated in the hydraulic scheme.

Replenishment takes place via an electrically actuated valve. Control and operation of the Variomat Giga hydraulics takes place via an appropriate Variomat Giga control unit (separate product) installed in the hydraulic module.