

Frese MODULA

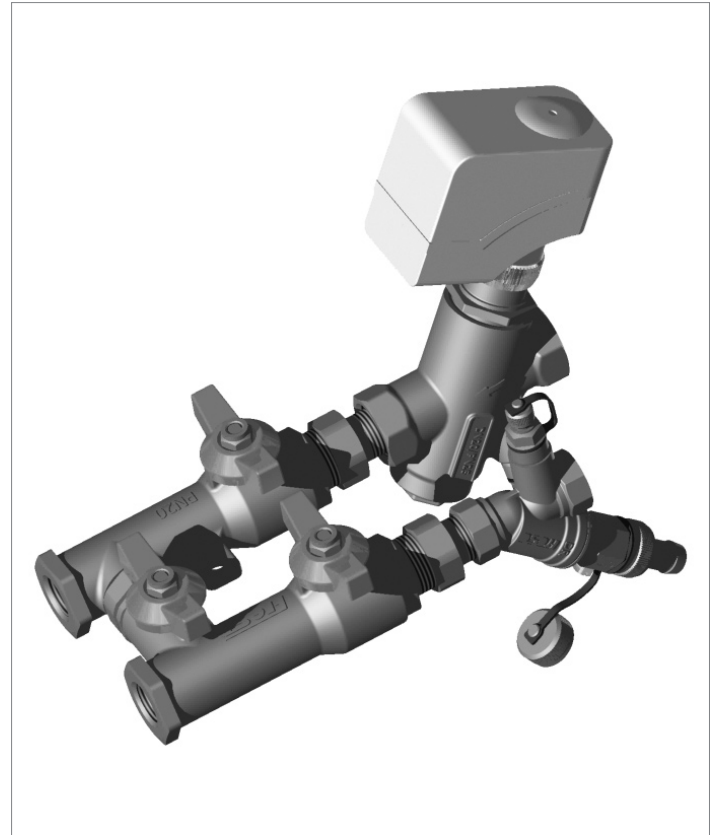
Complete solutions for balancing and temperature control

Application

The Frese MODULA is a compact and versatile valve system that combines the Frese range of automatic flow, pressure and temperature control valves with isolation, flushing, draining and measurement components within a prefabricated, tested and ready to install terminal connection assembly. The Frese MODULA integrates one of the following Frese pressure independent solutions:

- Frese ALPHA (Dynamic balancing valve)
- Frese EVA (Combined dynamic balancing and 2 port on/off valve)
- Frese OPTIMA (Pressure Independent Control Valve - PICV)

With isolation valves, strainer, drain/hose connection & P/T plug.



Benefits

The Frese MODULA assembly combines the benefits of Frese OPTIMA, EVA and ALPHA in addition to:

Design

- Minimized design time and risks due to complete solution
- Guaranteed performance of the complete system
- Compact design for limited space availability

Installation

- Minimized installation and commissioning costs
- Allows easy flushing and coil isolation
- Easy lagging of spindle extensions
- Simple attachment to existing hangers
- Integrated fitting lug for ease of installation

Operation

- High comfort with minimized operation and maintenance costs

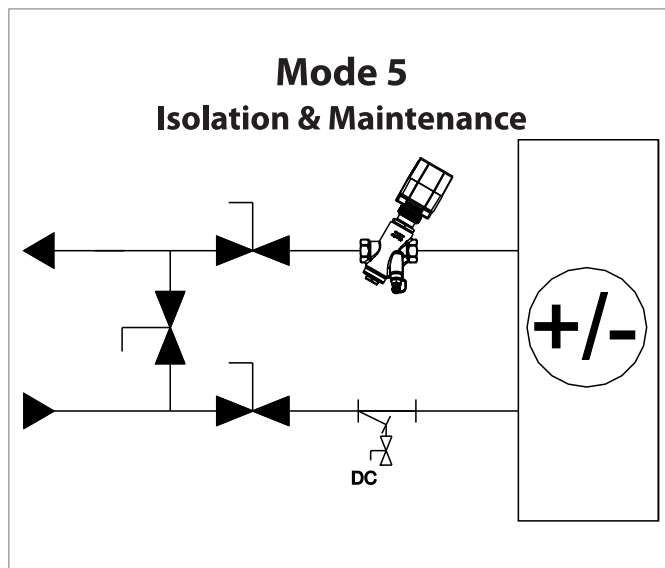
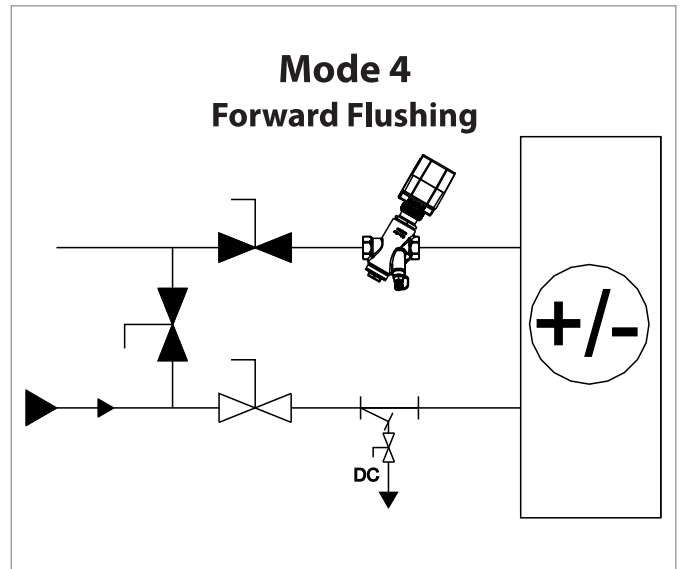
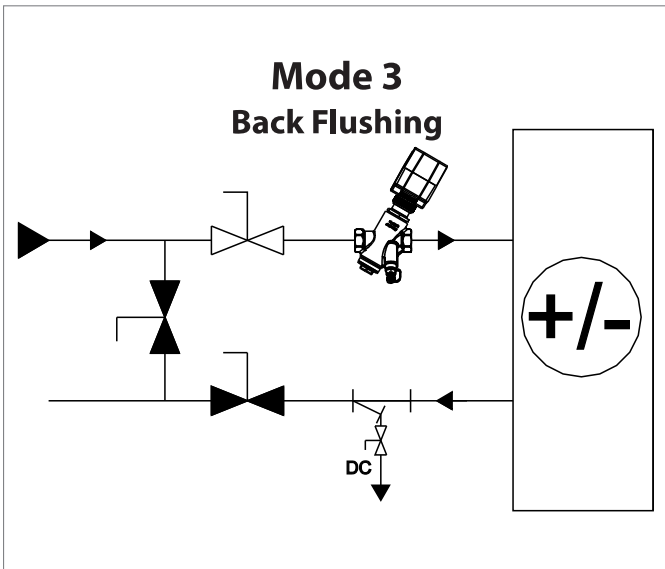
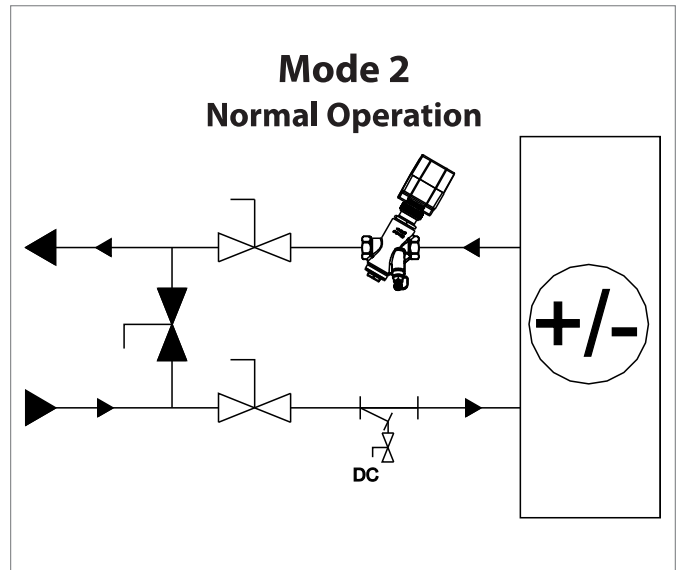
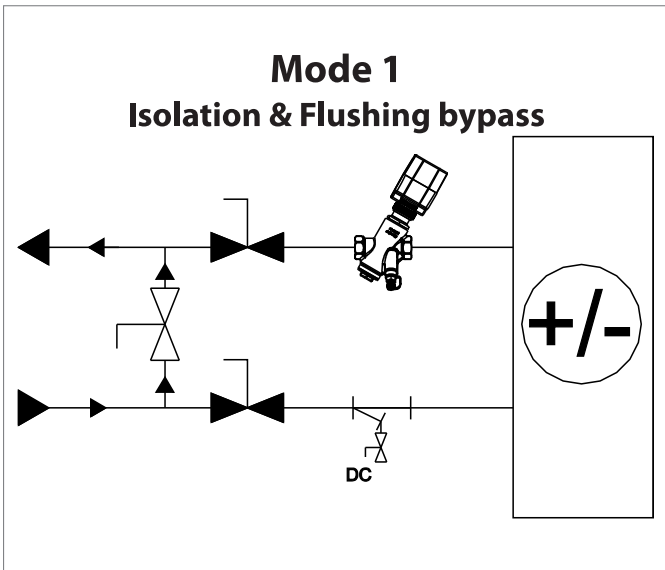
For a full understanding of ALPHA, EVA and OPTIMA solutions please refer to the relevant Technotes.

Features

- Available in 1/2", 3/4" and 1" end connections
- Patented Frese ALPHA, Frese EVA or Frese OPTIMA technology
- Compact 80mm supply/return centres
- Integrated union joints for easy valve alignment
- 3/4" T-handle isolation-valves for flow, return and bypass. Full port valves on flow and return
- Spindle extensions available
- Combinations with strainer, drain/hose connection, P/T plug available

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									55	MODULA II Kit
									1	OPTIMA
									2	ALPHA
									3	EVA High Flow
									4	EVA Basic High Flow
									1	DN15
									2	DN20
									3	DN25
									1	T-piece with 1" P/T-plug + drain and hose
									2	T-piece with 1" P/T-plug + drain, hose and extension handle
									3	Strainer with 1" P/T-plug + drain and hose
									4	Strainer with 1" P/T-plug + drain, hose and extension handle
									5	T-piece with 1" P/T- plug/plug
									6	T-piece with 1" P/T- plug/plug and extension handle
									7	Strainer with 1" P/T- plug/plug
									8	Strainer with 1" P/T- plug/plug and extension handle
									A	T-piece with 1" P/T-plug + drain and hose (Left hand mount)
									B	T-piece with 1" P/T-plug + drain, hose and extension handle (Left hand mount)
									C	Strainer with 1" P/T-plug + drain and hose (Left hand mount)
									D	Strainer with 1" P/T-plug + drain, hose and extension handle (Left hand mount)
									E	T-piece with 1" P/T-plug/plug (Left hand mount)
									F	T-piece with 1" P/T-plug/plug and extension handle (Left hand mount)
									G	Strainer with 1" P/T-plug/plug (Left hand mount)
									H	Strainer with 1" P/T-plug/plug and extension handle (Left hand mount)
									1	1" P/T Plug on valve
									2	2" P/T Plug on valve
									3	Plug
									L	Low Flow
									H	High Flow
									4	Low Pressure
									5	High Pressure
									XXXX	Flow in l/sec. (X.XXX)
55	X		X	X		X		X	XXXX	
	Valve		Size Modula II combination		Valve plug		Flow/Pressure	Cartridge		

7

Example of order combination: 551-12-1-L

Specification text Frese MODULA:

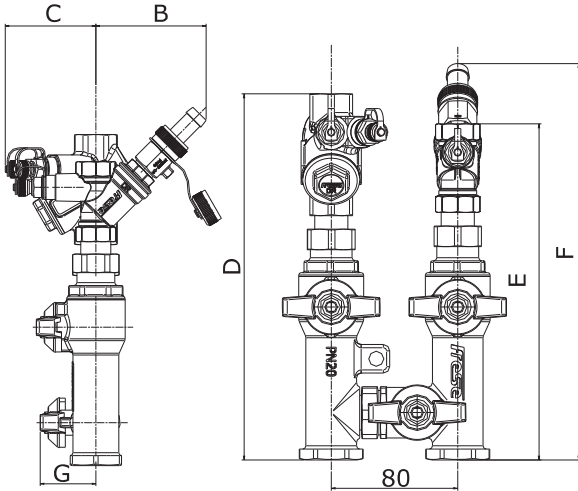
The valve system shall combine a dynamic balancing valve with a fixed 80mm distance supply/return component. The balancing valve can also be a combination valve for dynamic balancing and control. Frese ALPHA, EVA, ALPHA Cartridges, OPTIMA (see corresponding technote).



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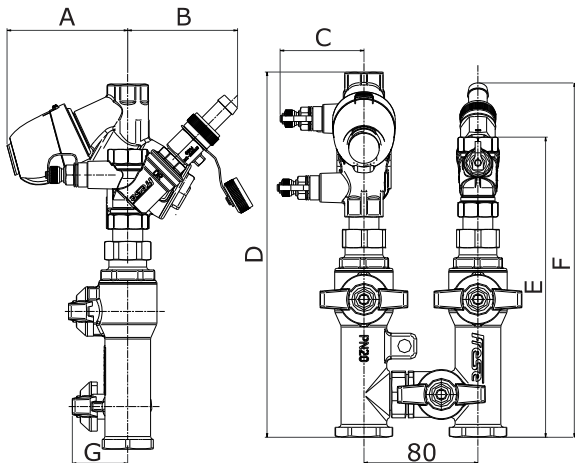
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Frese ALPHA MODULA



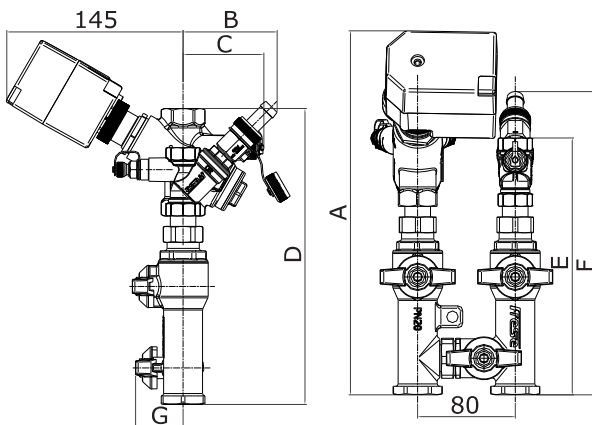
MODULA - ALPHA				
	DN15	DN20	DN25	
B	79	87	97	
C	63/102	63/102	63/102	1" PT/2" PT
D	231	231	239	
E	211	230	257	
F	249	266	293	
G	41/88	41/88	41/88	Std. Handle/Ext Handle

Frese EVA MODULA



MODULA - EVA				
	DN15	DN20	DN25	
A	85	85	85	
B	79	87	97	
C	59/98	59/98	59/98	1" PT/2" PT
D	256	256	264	
E	211	230	257	
F	249	266	293	
G	41/88	41/88	41/88	Std. Handle/Ext Handle

Frese OPTIMA MODULA

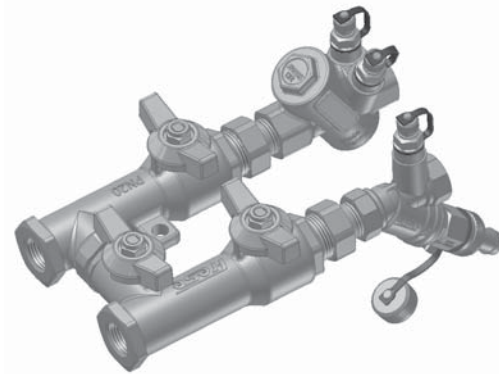


MODULA - OPTIMA				
	DN15	DN20	DN25	
A	298	298	298	
B	79	87	97	
C	66/100	66/100	66/100	1" PT/2" PT
D	243	243	251	
E	211	230	257	
F	249	266	293	
G	41/88	41/88	41/88	Std. Handle/Ext Handle

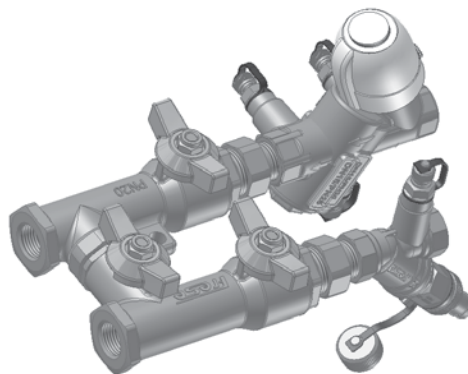
Frese MODULA

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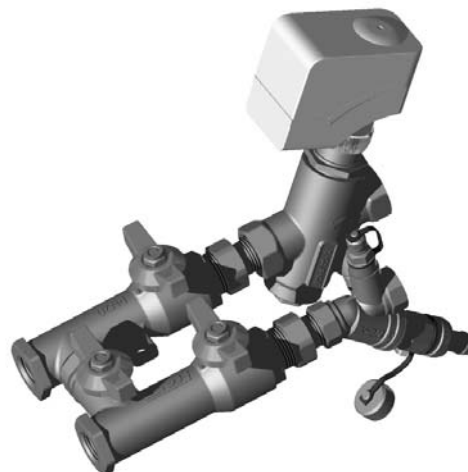
Frese ALPHA - MODULA



Frese EVA - MODULA

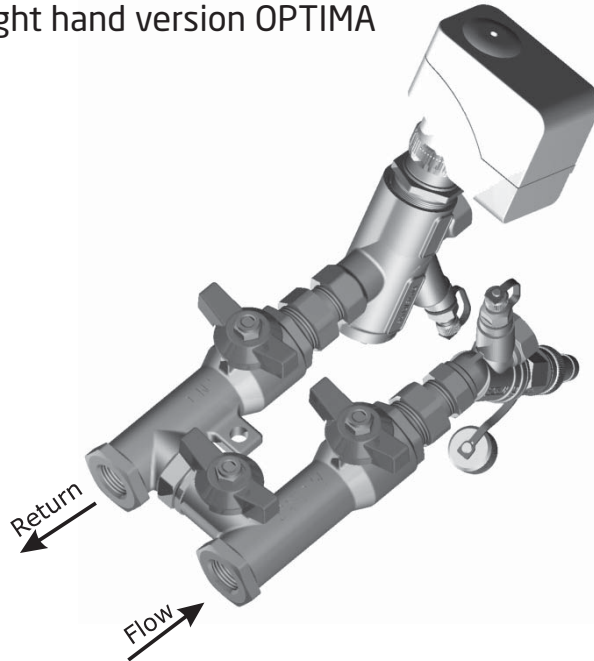


Frese OPTIMA - MODULA

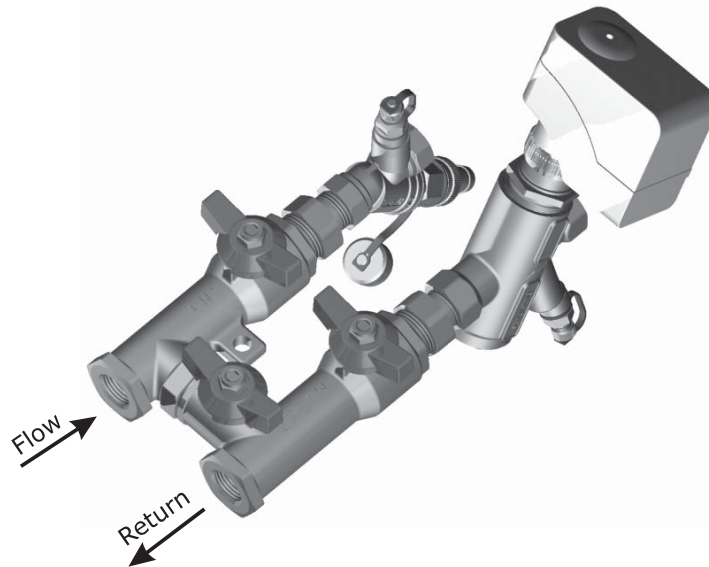


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Right hand version OPTIMA



Left hand version OPTIMA



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