

## Data sheet

# Two- and three way valves VFG.. / VFGS2 / VFU.. for thermostats and electrical actuators

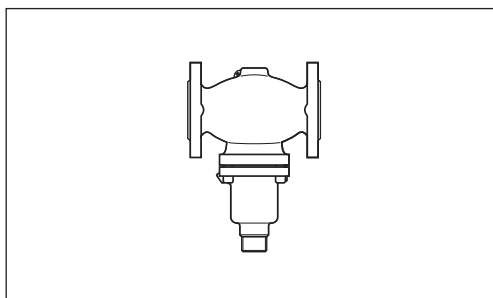
### Application

Valves for heating, district heating and cooling systems.

The valves can be used with following actuators:

- Thermostats AFT..
- Actuators AMV(E) 4..
- Actuators AMV(E) 6..

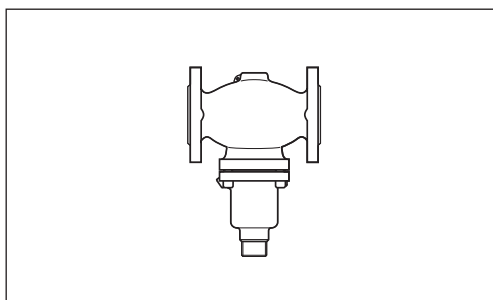
**VFG 2**  
**VFG 21**  
(see page 2, 3)



#### Main data:

- DN 15 - 250
- $t_{max}$  200 °C
- 2-way valve (Normally Open)
- Medium: circulation water and glycolic water up to 30%
- Cone: VFG 2 metal / metal sealing  
VFG 21 soft sealing
- Pressure relieved

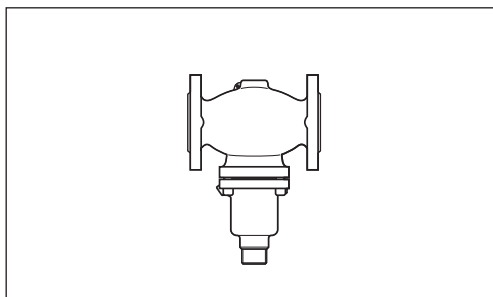
**VFG 25**  
(see page 4)



#### Main data:

- DN 15 - 80
- $t_{max}$  200 °C
- 2-way valve (Normally Open)
- Medium: circulation water and glycolic water up to 30%
- Cone: metal / metal sealing
- Not pressure relieved

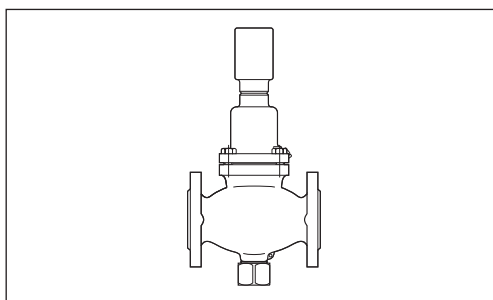
**VFGS 2**  
(see page 5, 6)



#### Main data:

- DN 15 - 250
- $t_{max}$  350 °C
- 2-way valve (Normally Open)
- Medium: steam
- Cone: metal / metal sealing
- Pressure relieved

**VFU 2**  
(see page 7)

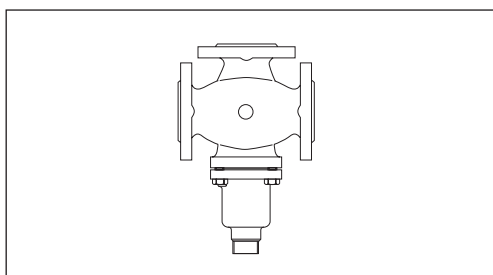


#### Main data:

- DN 15 - 125
- $t_{max}$  200 °C
- 2-way valve (Normally Close)
- Medium: circulation water and glycolic water up to 30%
- Cone: metal / metal sealing
- Pressure relieved

**VFG 33**  
(see page 8)

**VFG 34**  
(see page 9)



#### Only for use with thermostat AFT.

#### Main data:

- DN 25 - 125
- $t_{max}$  350 °C
- Medium: circulation water and glycolic water up to 30%
- VFG 33 mixing pressure balanced valve
- VFG 34 diverting pressure balanced valve
- Cone: metal / metal sealing

**Ordering (VFG 2)**

Cone:  
metal /metal sealing, pressure  
relieved.

Picture	DN mm	$k_{VS}$ m <sup>3</sup> /h	$t_{maks.}$ °C	Code No.		
				PN 16	PN 25	PN 40
	15	4.0	200	<b>065B2388</b>	<b>065B2401</b>	<b>065B2411</b>
	20	6.3	200	<b>065B2389</b>	<b>065B2402</b>	<b>065B2412</b>
	25	8.0	200	<b>065B2390</b>	<b>065B2403</b>	<b>065B2413</b>
	32	16	200	<b>065B2391</b>	<b>065B2404</b>	<b>065B2414</b>
	40	20	200	<b>065B2392</b>	<b>065B2405</b>	<b>065B2415</b>
	50	32	200	<b>065B2393</b>	<b>065B2406</b>	<b>065B2416</b>
	65	50	200	<b>065B2394</b>	<b>065B2407</b>	<b>065B2417</b>
	80	80	200	<b>065B2395</b>	<b>065B2408</b>	<b>065B2418</b>
	100	125	200	<b>065B2396</b>	<b>065B2409</b>	<b>065B2419</b>
	150	280	140	<b>065B2398</b>	–	<b>065B2421</b>
	200	320	140	<b>065B2399</b>	–	<b>065B2422</b>
	250	400	140	<b>065B2400</b>	–	<b>065B2423</b>
	150	280	200	<b>065B2424</b>	–	<b>065B2427</b>
	200	320	200	<b>065B2425</b>	–	<b>065B2428</b>
	250	400	200	<b>065B2426</b>	–	<b>065B2429</b>

**Technical data (VFG 2)**

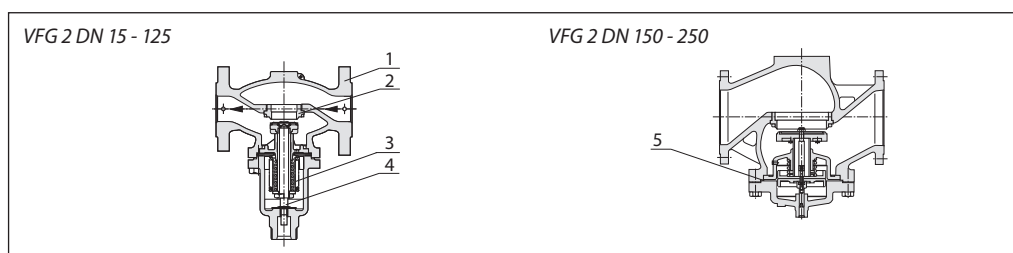
Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	
$k_{VS}$ value	(m <sup>3</sup> /h)	4	6.3	8	16	20	32	50	80	125	160	280 320 <sup>1)</sup>	320 450 <sup>1)</sup>	400 630 <sup>1)</sup>	
z value acc. to VDMA 24 422		0.6	0.6	0.6	0.55	0.55	0.5	0.5	0.45	0.4	0.35	0.3	0.2	0.2	
	$\Delta p_{max.}^{2)}$ (bar)	PN 16	16	16	16	16	16	16	16	16	15	15			
	AFT	PN 25, 40	20	20	20	20	20	20	20	20	20	15	15		
	$\Delta p_{max.}$ (bar)	PN 16	16	16	16	16	16	16	16	16					
	AMV(E) 4..	PN 25, 40	20	20	20	20	20	20	20	20					
	$\Delta p_{max.}$ (bar)	PN 16	16	16	16	16	16	16	16	16	15	15	12	10	10
	AMV(E) 6..	PN 25, 40	20	20	20	20	20	20	20	20	15	15	12	10	10
Nominal pressure <sup>2)</sup>		PN 16, 25 or 40, flanges to EN 1092-2													
Flow medium / Temperature		Circulation water / Glycolic water up to 30% / thermo oil / 2 ... 200 °C													
Pressure balance		Stainless steel bellow, mat. No.1.4571										Rolling diaphragm			
Valve body material	PN 16	Grey cast iron EN-GJL-250 (GG-25)													
	PN 25	Ductile iron EN-GJS-400-18-LT (GGG-40.3)													
	PN 40	Cast steel GP240GH (GS-C 25)													
Cone material		Stainless steel, mat. No. 1.4404										mat. No. 1.4021			
Seat material		Stainless steel, mat. No. 1.4021										mat. No. 1.4313			

<sup>1)</sup> In combination with actuators AMV 613-Y60 (**082G0617**),  $k_{VS}$  values are higher.

<sup>2)</sup> Above operating pressure of 14 bar use of valve stem extension ZF4, ZF6 or combination piece KF2 is necessary.

**Design (VFG 2)**

- 1 Valve body
- 2 Valve seat
- 3 Bellow
- 4 Valve insert
- 5 Diaphragm



**Data sheet**
**Two- and three way valves VFG.. / VFGS2 / VFU..**
**Ordering (VFG 21)**

Cone:  
soft sealing, pressure relieved.

Picture	DN mm	$k_{vs}$ m <sup>3</sup> /h	$t_{maks.}$ °C	Code No.	
				PN 16	PN 25
	15	4.0	150	<b>065B2502</b>	<b>065B2515</b>
	20	6.3	150	<b>065B2503</b>	<b>065B2516</b>
	25	8.0	150	<b>065B2504</b>	<b>065B2517</b>
	32	16	150	<b>065B2505</b>	<b>065B2518</b>
	40	20	150	<b>065B2506</b>	<b>065B2519</b>
	50	32	150	<b>065B2507</b>	<b>065B2520</b>
	65	50	150	<b>065B2508</b>	<b>065B2521</b>
	80	80	150	<b>065B2509</b>	<b>065B2522</b>
	100	125	150	<b>065B2510</b>	<b>065B2523</b>
	125	160	150	<b>065B2511</b>	<b>065B2524</b>
	150	280	140	<b>065B2512</b>	-
	200	320	140	<b>065B2513</b>	-
	250	400	140	<b>065B2514</b>	-

**Technical data (VFG 21)**

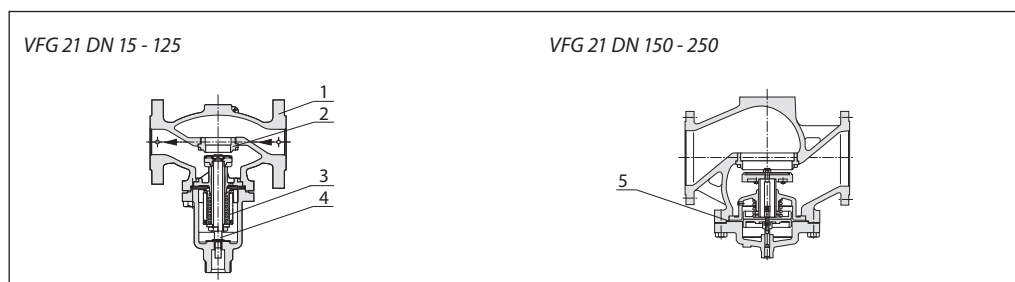
Nominal diameter DN	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	
$k_{vs}$ value	(m <sup>3</sup> /h)	4	6.3	8	16	20	32	50	80	125	160	280 320 <sup>1)</sup>	320 450 <sup>1)</sup>	400 630 <sup>1)</sup>	
z value acc. to VDMA 24 422		0.6	0.6	0.6	0.55	0.55	0.5	0.5	0.45	0.4	0.35	0.3	0.2	0.2	
	$\Delta p_{max.}^{2)}$ (bar)	PN 16	16	16	16	16	16	16	16	16	15	15			
	AFT	PN 25	20	20	20	20	20	20	20	20	15	15			
	$\Delta p_{max.}$ (bar)	PN 16	16	16	16	16	16	16	16	16					
	AMV(E) 4..	PN 25	20	20	20	20	20	20	20	20					
	$\Delta p_{max.}$ (bar)	PN 16	16	16	16	16	16	16	16	16	15	15	12	10	10
	AMV(E) 6..	PN 25	20	20	20	20	20	20	20	20	15	15	12	10	10
Nominal pressure <sup>2)</sup>		PN 16 or 25, flanges to EN 1092-2													
Flow medium / Temperature		Circulation water / Glycolic water up to 30% / 2 ... 150 °C (DN 15 - 125), 2 ... 140 °C (DN 150 - 250)													
Pressure balance		Stainless steel bellow, mat. No.1.4571										Rolling diaphragm			
Valve body material	PN 16	Grey cast iron EN-GJL-250 (GG-25)													
	PN 25	Ductile iron EN-GJS-400-18-LT (GGG-40.3)													
Cone material		Stainless steel, mat. No. 1.4404										mat. No. 1.4021			
Seat material		Stainless steel, mat. No. 1.4021										mat. No. 1.4313			
Conical seal		EPDM													

<sup>1)</sup> in combination with actuators AMV 613-Y60 (**082G0617**),  $k_{vs}$  values are higher.

<sup>2)</sup> above operating pressure of 14 bar use of valve stem extension ZF4, ZF6 or combination piece KF2 is necessary.

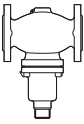
**Design (VFG 21)**

- 1 Valve body
- 2 Valve seat
- 3 Bellow
- 4 Valve insert
- 5 Diaphragm

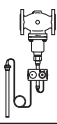




**Ordering (VFG 25)**

Cone:  
metal / metal sealing  
Not pressure balanced

Picture	DN mm	$k_{vs}$ m <sup>3</sup> /h	$t_{max.}$ °C	Code No.
				PN 16
	15	4.0	200	<b>065B2568</b>
	20	6.3		<b>065B2569</b>
	25	8.0		<b>065B2570</b>
	32	16		<b>065B2571</b>
	40	20		<b>065B2572</b>
	50	32		<b>065B2573</b>
	65	50		<b>065B2574</b>
	80	80		<b>065B2575</b>

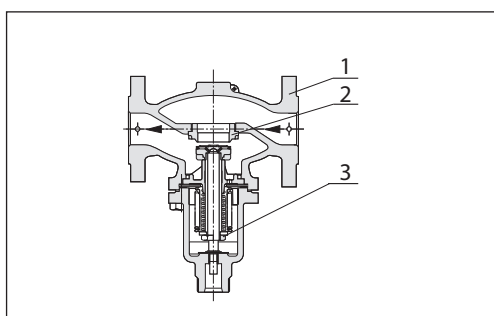
**Technical data (VFG 25)**

Nominal diameter DN		15	20	25	32	40	50	65	80
$k_{vs}$ value (m <sup>3</sup> /h)		4	6.3	8	16	20	32	50	80
z value acc. to VDMA 24 422		0.6	0.6	0.6	0.55	0.55	0.5	0.5	0.45
	$\Delta p_{max.}^{1)}$ (bar) AFT	10	10	5	5	2.5	2.5	0.8	0.8
	$\Delta p_{max.}$ (bar) AMV(E) 4..	12	12	7	7	3.5	3.5	1.2	1.2
	$\Delta p_{max.}$ (bar) AMV(E) 6..	16	16	12	12	7	7	2.5	2.5
Nominal pressure <sup>1)</sup>		PN 16, flanges acc. to EN 1092-2							
Flow medium / Temperature		Circulation water / Glycolic water up to 30% / thermo oil / 2 ... 200 °C							
Valve body material (PN 16)		Grey cast iron EN-GJL-250 (GG-25)							
Cone material		Stainless steel, mat. No. 1.4404							
Seat material		Stainless steel, mat. No. 1.4021							

<sup>1)</sup> Above operating pressure of 14 bar use of valve stem extension ZF4, ZF6 or combination piece KF2 is necessary.

**Design (VFG 25)**

- 1 Valve body
- 2 Valve seat
- 3 Valve insert



**Ordering (VFGS 2 - for steam)**
*Cone: metal / metal sealing, pressure relieved.*

Picture	DN mm	k <sub>vs</sub> m <sup>3</sup> /h	k <sub>vs</sub> <sup>1)</sup> m <sup>3</sup> /h	t <sub>max.</sub> <sup>2)</sup> °C	Code No.			Code No. <sup>1)</sup>		
					PN 16	PN 25	PN 40	PN 16	PN 25	PN 40
	15	4.0	2.5	350	<b>065B2430</b>	<b>065B2443</b>	<b>065B2453</b>	<b>065B2466</b>	<b>065B2479</b>	<b>065B2489</b>
	20	6.3	4.0		<b>065B2431</b>	<b>065B2444</b>	<b>065B2454</b>	<b>065B2467</b>	<b>065B2480</b>	<b>065B2490</b>
	25	8.0	6.3		<b>065B2432</b>	<b>065B2445</b>	<b>065B2455</b>	<b>065B2468</b>	<b>065B2481</b>	<b>065B2491</b>
	32	16	10		<b>065B2433</b>	<b>065B2446</b>	<b>065B2456</b>	<b>065B2469</b>	<b>065B2482</b>	<b>065B2492</b>
	40	20	16		<b>065B2434</b>	<b>065B2447</b>	<b>065B2457</b>	<b>065B2470</b>	<b>065B2483</b>	<b>065B2493</b>
	50	32	25		<b>065B2435</b>	<b>065B2448</b>	<b>065B2458</b>	<b>065B2471</b>	<b>065B2484</b>	<b>065B2494</b>
	65	50	40		<b>065B2436</b>	<b>065B2449</b>	<b>065B2459</b>	<b>065B2472</b>	<b>065B2485</b>	<b>065B2495</b>
	80	80	63		<b>065B2437</b>	<b>065B2450</b>	<b>065B2460</b>	<b>065B2473</b>	<b>065B2486</b>	<b>065B2496</b>
	100	125	100		<b>065B2438</b>	<b>065B2451</b>	<b>065B2461</b>	<b>065B2474</b>	<b>065B2487</b>	<b>065B2497</b>
125	160	125	<b>065B2439</b>	<b>065B2452</b>	<b>065B2462</b>	<b>065B2475</b>	<b>065B2488</b>	<b>065B2498</b>		
	150	280	200	300	<b>065B2440</b>	–	<b>065B2463</b>	<b>065B2476</b>	–	<b>065B2499</b>
	200	320	225		<b>065B2441</b>	–	<b>065B2464</b>	<b>065B2477</b>	–	<b>065B2500</b>
	250	400	280		<b>065B2442</b>	–	<b>065B2465</b>	<b>065B2478</b>	–	<b>065B2501</b>

<sup>1)</sup> Valves with flow divider for noise reduction (see accessories)

<sup>2)</sup> Max. medium temperatures for valves VFGS 2 see table below.

<sup>2)</sup> Max. medium temperatures for valves VFGS 2

VFGS 2	PN	DN 15 - 125	DN 150 - 250
Steam, max. 200 °C	16, 25, 40	with seal pot	–
Steam, max. 300 °C	16, 40	–	with seal pot
Steam, max. 300 °C	16	with seal pot and valve stem extension ZF4	–
Steam, max. 350 °C	25, 40	with seal pot and valve stem extension ZF4	–

**Technical data (VFGS 2)**

Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	
k <sub>vs</sub> value	(m <sup>3</sup> /h)	4	6.3	8	16	20	32	50	80	125	160	280 320 <sup>2)</sup>	320 450 <sup>2)</sup>	400 630 <sup>2)</sup>	
k <sub>vs</sub> value <sup>1)</sup>	(m <sup>3</sup> /h)	2.5	4.0	6.3	10	16	25	40	63	100	125	200	225	280	
z value acc. to VDMA 24 422		0.6	0.6	0.6	0.55	0.55	0.5	0.5	0.45	0.4	0.35	0.3	0.2	0.2	
	Δp <sub>max.</sub> <sup>3)</sup> (bar)	PN 16	16	16	16	16	16	16	16	16	15	15			
	AFT	PN 25, 40	20	20	20	20	20	20	20	20	15	15			
	Δp <sub>max.</sub> (bar)	PN 16	16	16	16	16	16	16	16	16					
	AMV(E) 4..	PN 25, 40	20	20	20	20	20	20	20	20					
	Δp <sub>max.</sub> (bar)	PN 16	16	16	16	16	16	16	16	16	15	15	12	10	10
	AMV(E) 6..	PN 25, 40	20	20	20	20	20	20	20	20	15	15	12	10	10
Nominal pressure <sup>3)</sup>		PN 16, 25 or 40, flanges to EN 1092-2													
Flow medium / Temperature		Steam / max. 350 °C										Steam / max. 300 °C			
Pressure balance		Stainless steel bellow, mat. No.1.4571										Rolling diaphragm			
Valve body material	PN 16	Grey cast iron EN-GJL-250 (GG-25)													
	PN 25	Ductile iron EN-GJS-400-18-LT (GGG-40.3)													
	PN 40	Cast steel GP240GH (GS-C 25)													
Cone material		Stainless steel, mat. No. 1.4021										mat. št. 1.4313			
Seat material		Stainless steel, mat. No. 1.4021													

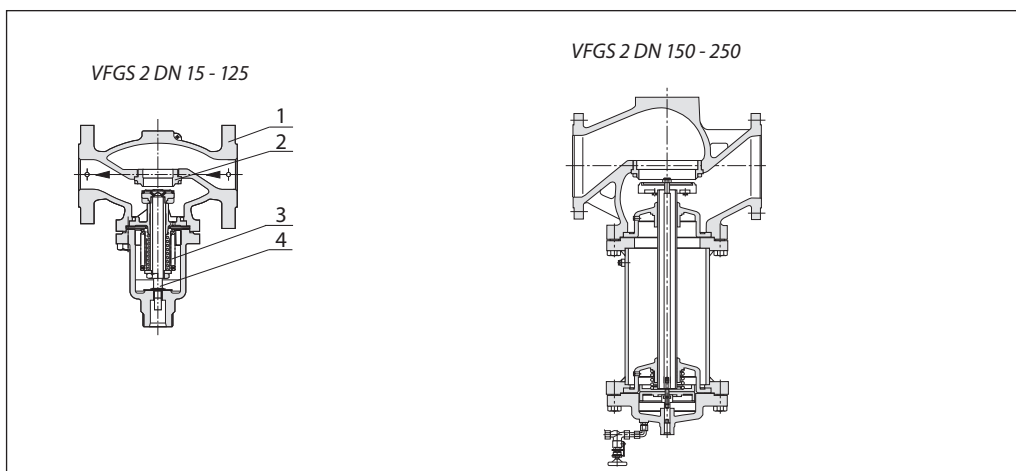
<sup>1)</sup> Valves with flow divider for noise reduction (see accessories)

<sup>2)</sup> In combination with actuators AMV 613-Y60 (082G0617), k<sub>vs</sub> values are higher.

<sup>3)</sup> Above operating pressure of 14 bar use of valve stem extension ZF4, ZF6 or combination piece KF2 is necessary.

Design (VFGS 2)

- 1 Valve body
- 2 Valve seat
- 3 Bellow
- 4 Valve insert



**Data sheet**
**Two- and three way valves VFG.. / VFGS2 / VFU..**
**Ordering (VFU 2)**
*VFU 2 (metallic sealing cone)*
*Opening valve, pressure relieved.*

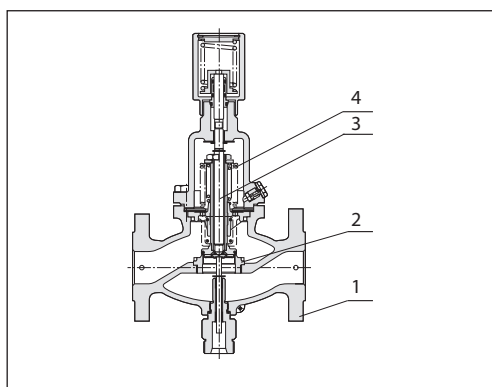
Picture	DN mm	$k_{vs}$ m <sup>3</sup> /h	$t_{max.}$ °C	Code No.
				PN 16
	15	4.0	200	<b>065B2738</b>
	20	6.3		<b>065B2739</b>
	25	8.0		<b>065B2740</b>
	32	16		<b>065B2741</b>
	40	20		<b>065B2742</b>
	50	32		<b>065B2743</b>
	65	50		<b>065B2744</b>
	80	80		<b>065B2745</b>
	100	125		<b>065B2746</b>
	125	160		<b>065B2747</b>

**Technical data (VFU 2)**

Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125
$k_{vs}$ value	(m <sup>3</sup> /h)	4	6.3	8	16	20	32	50	80	125	160
z value acc. to VDMA 24 422		0.6	0.6	0.6	0.55	0.55	0.5	0.5	0.45	0.4	0.35
	$\Delta p_{max.}$ (bar) PN 16 AFT..	10							8		
	$\Delta p_{max.}$ (bar) PN 16 AMV(E) 4..	12							10	-	
	$\Delta p_{max.}$ (bar) PN 16 AMV(E) 6..	12							10	8	
Nominal pressure		PN 16, flanges to EN 1092-2									
Flow medium / Temperature		Circulation water / Glycolic water up to 30% / 2 ... 200 °C									
Pressure balance		Stainless steel bellows, mat. No.1.4571									
Valve body material		Grey cast iron EN-GJL-250 (GG-25)									
Cone material / Conical seal		Stainless steel, mat. No. 1.4404									
Seat material		Stainless steel, mat. No. 1.4021									

**Design (VFU 2)**

- 1 Valve body
- 2 Valve seat
- 3 Valve insert
- 4 Bellows



Ordering (VFG 33)

VFG 33 (mixing valve - pressure balanced)

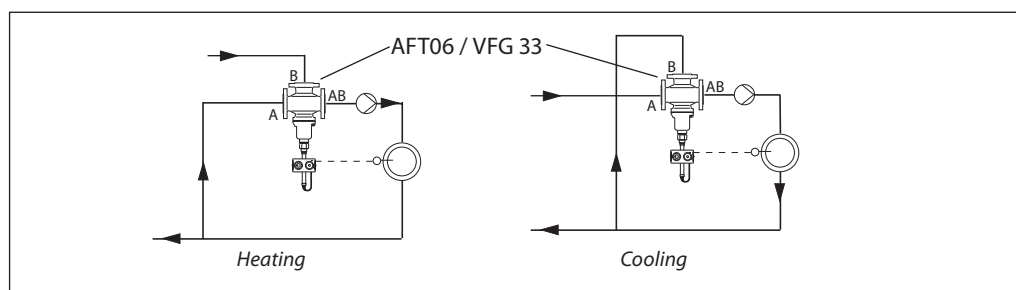
Picture	DN mm	k <sub>vs</sub> m <sup>3</sup> /h	t <sub>max.</sub> °C	Code No.	
				PN 16	PN 25
	25	8.0	200	<b>065B2598</b>	<b>065B2606</b>
	32	12.5		<b>065B2599</b>	<b>065B2607</b>
	40	20		<b>065B2600</b>	<b>065B2608</b>
	50	32		<b>065B2601</b>	<b>065B2609</b>
	65	50		<b>065B2602</b>	<b>065B2610</b>
	80	80		<b>065B2603</b>	<b>065B2611</b>
	100	125		<b>065B2604</b>	<b>065B2612</b>
	125	160		<b>065B2605</b>	<b>065B2613</b>

Technical data (VFG 33)

Nominal diameter	DN	25	32	40	50	65	80	100	125
k <sub>vs</sub> value	(m <sup>3</sup> /h)	8	12.5	20	32	50	80	125	160
	Δp <sub>max.</sub> <sup>1)</sup> (bar)	PN 16	16	16	16	14	12	10	10
		PN 25	18	18	16	14	12	10	10
Nominal pressure <sup>1)</sup>		PN 16 or 25, flanges to EN 1092-2							
Flow medium / Temperature		Circ.water / Glycolic water up to 30% / 2 ... 200 °C (350 °C with ZF4)							
Pressure balance		Stainless steel bellow, mat. No.1.4571							
Valve body material		PN 16, 25	Ductile iron EN-GJS-400-18-LT (GGG-40.3)						
Cone material		Stainless steel, mat. No. 1.4404							
Seat material		Stainless steel, mat. No. 1.4021							

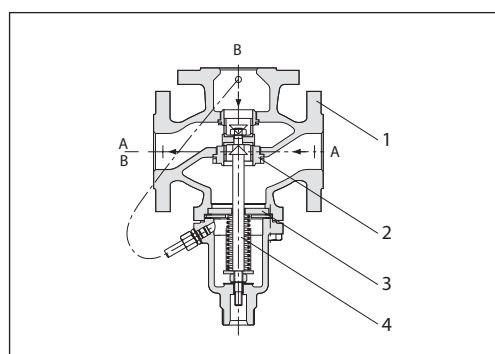
<sup>1)</sup> Above operating pressure of 14 bar use of valve stem extension ZF4, ZF6 or combination piece KF2 is necessary.

Applications



Design (VFG 33)

- 1 Valve body
- 2 Valve seat
- 3 Bellow
- 4 Valve insert





**Data sheet**

**Two- and three way valves VFG.. / VFGS2 / VFU..**

**Ordering (VFG 34)**

*VFG 34 (diverting valve - pressure balanced)*

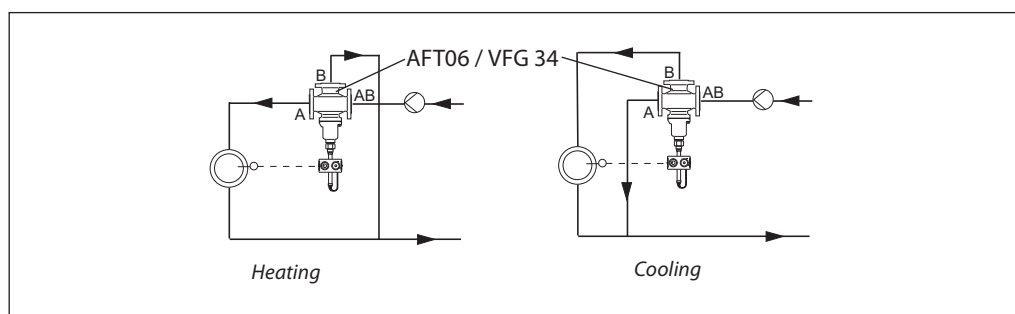
Picture	DN mm	k <sub>vs</sub> m <sup>3</sup> /h	t <sub>max.</sub> <sup>1)</sup> °C	Code No.	
				PN 16	PN 25
	25	8.0	200	<b>065B2614</b>	<b>065B2622</b>
	32	12.5		<b>065B2615</b>	<b>065B2623</b>
	40	20		<b>065B2616</b>	<b>065B2624</b>
	50	32		<b>065B2617</b>	<b>065B2625</b>
	65	50		<b>065B2618</b>	<b>065B2626</b>
	80	80		<b>065B2619</b>	<b>065B2627</b>
	100	125		<b>065B2620</b>	<b>065B2628</b>
	125	160		<b>065B2621</b>	<b>065B2629</b>

**Technical data (VFG 34)**

Nominal diameter	DN	25	32	40	50	65	80	100	125
k <sub>vs</sub> value	(m <sup>3</sup> /h)	8	12.5	20	32	50	80	125	160
	Δp <sub>max.</sub> <sup>1)</sup> (bar)	PN 16	16	16	16	14	12	10	10
		VFG 34 / AFT	PN 25	18	18	16	14	12	10
Nominal pressure <sup>2)</sup>		PN 16 or 25, flanges to EN 1092-2							
Flow medium / Temperature		Circ. water / Glycolic water up to 30% / 2 ... 200 °C (350 °C with ZF4)							
Pressure balance		Stainless steel bellow, mat. No.1.4571							
Valve body material		PN 16, 25	Ductile iron EN-GJS-400-18-LT (GGG-40.3)						
Cone material		Stainless steel, mat. No. 1.4404							
Seat material		Stainless steel, mat. No. 1.4021							

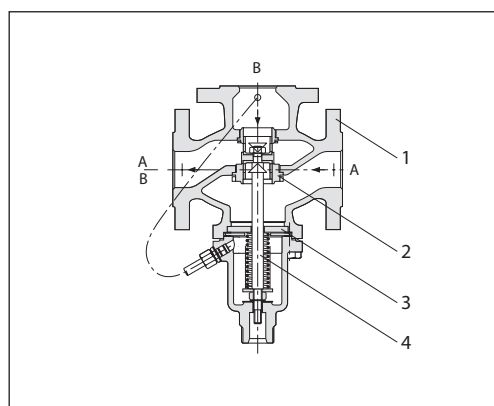
<sup>1)</sup> Above operating pressure of 14 bar use of valve stem extension ZF4, ZF6 or combination piece KF2 is necessary.

**Applications**


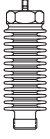




**Design (VFG 34)**

- 1 Valve body
- 2 Valve seat
- 3 Bellow
- 4 Valve insert



Accessories

Picture	Type	Note	Code No.		
	Comb. piece KF2	For combinations with thermostats	<b>003G1398</b>		
	Valve stem extension ZF4	Only DN 15 - 125 For temperatures above 200 °C	<b>003G1394</b>		
	Valve stem extension ZF6	For temperatures until 200 °C	<b>003G1393</b>		
Picture		DN	k <sub>vs</sub>	reduced k <sub>vs</sub>	Code No.
	Flowdivider for VFGS 2 (for noise reduction)	15	4	2.5	<b>065B2775</b>
		20	6.3	4	
		25	8	6.3	<b>065B2776</b>
		32	16	10	<b>065B2777</b>
		40	20	16	
		50	32	25	
		65	50	40	<b>065B2778</b>
		80	80	63	<b>065B2779</b>
		100	125	100	
125	160	125			

**Remark:**

Temperature controller with thermostat AFT.:

This controller can be used until operating pressure of 14 bar. If the operating pressure is higher than 14 bar the valve stem extension ZF4, ZF6 or the combination piece KF2 must be used.

**Pressure / temperature table  
acc. EN 1092-2**

Nominal pressure	Material flange valves			Permitted operational pressure in bar subject to temperature in °C					
	Grey cast iron	Ductile iron	Cast steel	-10 ... 120 °C	150 °C	200 °C	250 °C	300 °C	350 °C
PN 10	EN-GJL-250 (GG25)			10	9	8	7	6	-
PN 16	EN-GJL-250 (GG25)			16	14.4	12.8	11.2	9.6	
PN 10		EN-GJS-400-18-LT (GGG40.3)		10	9.5	9	8	7	5.5
PN 16		EN-GJS-400-18-LT (GGG40.3)		16	15.2	14.4	12.8	11.2	8.8
PN 25		EN-GJS-400-18-LT (GGG40.3)		25	23.8	22.5	20	17.5	13.8
PN 16			GP240GH (GS-C25)	16	15.7	15.2	14.4	12.8	11.2
PN 25			GP240GH (GS-C25)	25	24.5	23.8	22.5	20	17.5
PN 40			GP240GH (GS-C25)	40	39	38	36	32	28

Dimensions

VFG 2 / 21 / 25, VFGS 2  
DN 15 - 125

VFG 2 / 21  
DN 150 - 250

VFG 2, VFGS 2  
DN 150 - 250  
with body extension

VFU 2  
DN 15 - 125

VFG 33 / 34  
DN 25 - 125

DN		15	20	25	32	40	50	65	80	100	125	150	200	250
VFG 2, VFG 21, VFGS 2														
L	(mm)	130	150	160	180	200	230	290	310	350	400	480	600	730
B	(mm)	212	212	238	238	240	240	275	275	380	380	326	354	404
Weight	(kg)	6.2	6.7	9.7	13	14	17	29	33	60	70	80	140	220
B1	(mm)											630	855	1205
Weight	(kg)											140	210	300
VFU 2														
L	(mm)	130	150	160	180	200	230	290	310	350	400			
B	(mm)	95	95	106	106	123	123	135	135	165	165			
C	(mm)	306	306	332	332	334	334	369	369	474	474			
Weight	(kg)	7.0	9.0	10	13	17	22	33	41	70	79			
VFG 33, VFG 34														
L	(mm)				160	180	200	230	290	310	350	400		
B	(mm)				238	238	240	240	275	275	380	380		
Weight	(kg)				10.5	12	17	21	35	41	75	93		

<sup>1)</sup> stroke with electrical actuator AMV6...Y60 (higher kvs -values)

Comb. piece KF2

Valve stem extension ZF4

Valve stem extension ZF6

