


VG Pressure
Relieved
Threaded Valve



Danfoss VG Pressure Relieved Threaded Valve Installation Guide

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Danfoss VG Pressure Relieved Threaded Valve



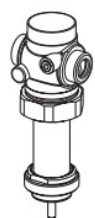
Installation

VG, VGF, VGS, VGU, VGUF

VG, VGF, VGS, VGU, VGUF



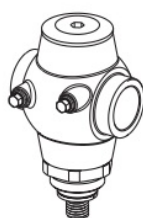
MAINTENANCE
FREE



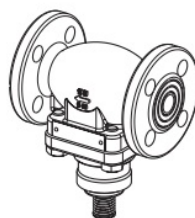
VGS
(DN 15-25)



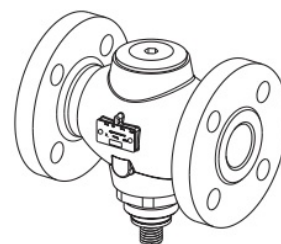
VG/VGU
(DN 15-25)



VG/VGU
(DN 32-50)



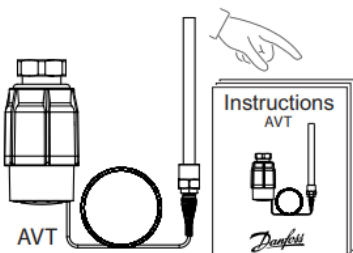
VGF
(DN 15-25)



VGF/VGUF
(DN 32-50)

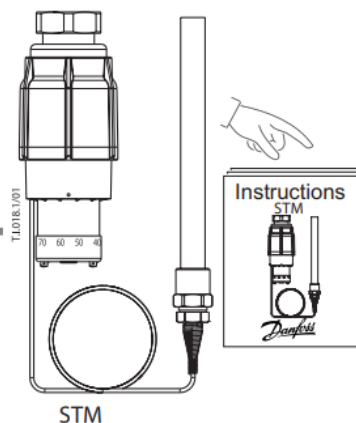
VG (DN 15-50)
VGF (DN 15-50)
VGS (15-25)
VGU (15-50)
VGUF (32-50)

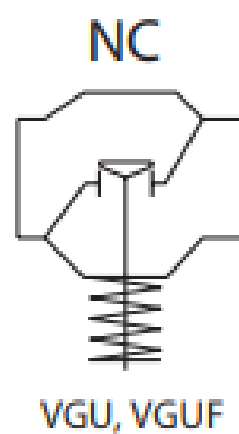
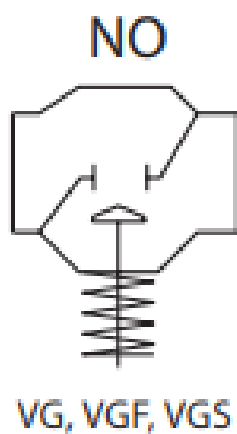
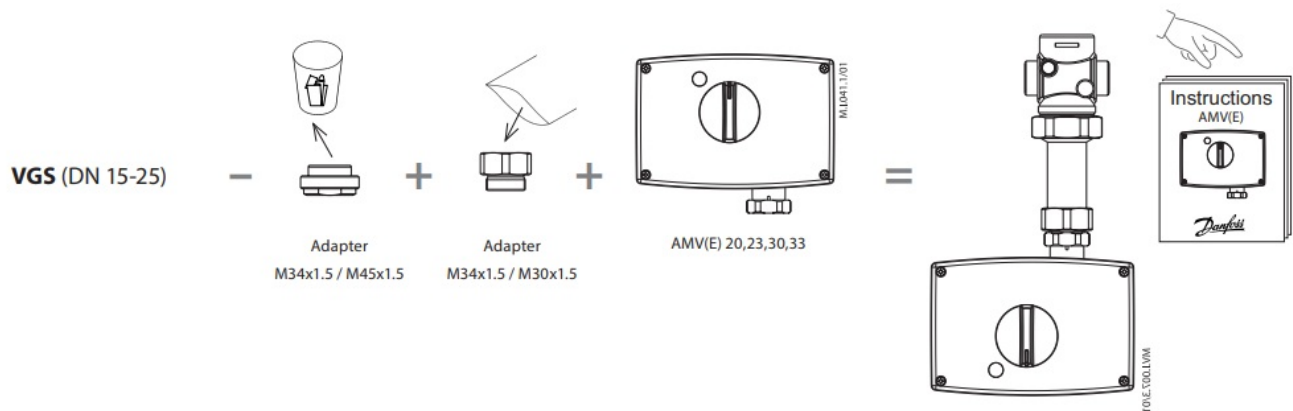
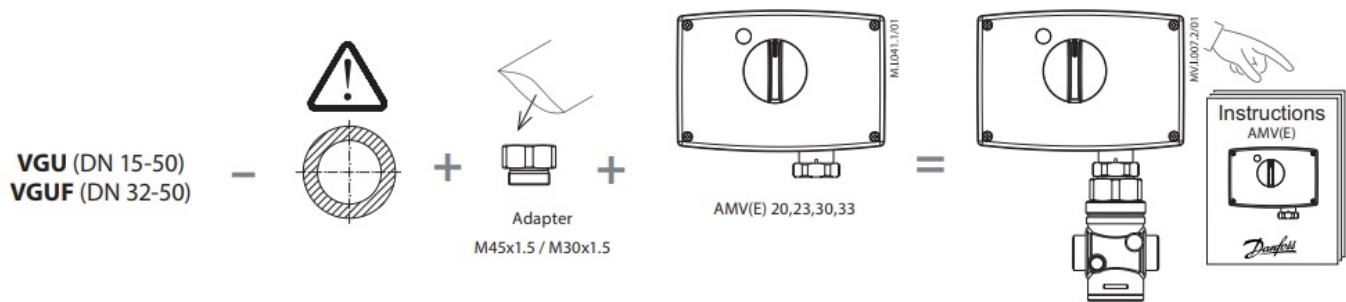
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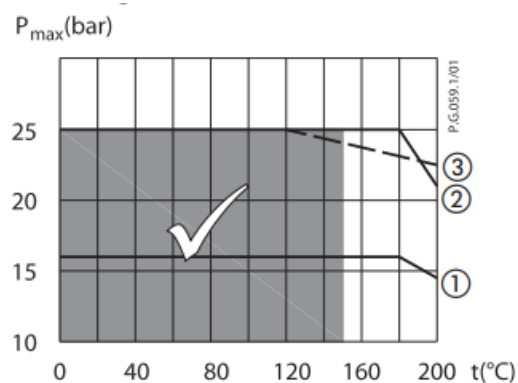
VG (DN 15-50)
VGF (DN 15-50)
VGS (15-25)

+

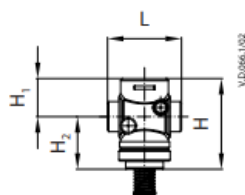




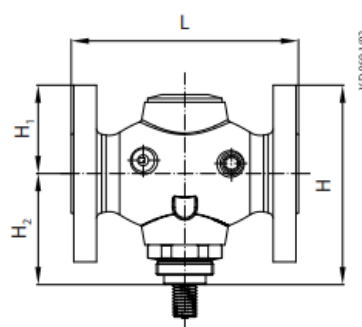
Valve type	PN	Tmax	Tmin
		°C	
VG	25	150	2
VGF	25	150	2
VGS	25	200	2
VGU	25	150	2
VGUF	25	150	2



1. CuSn5ZnPb (Rg5) PN 16
2. CuSn5ZnPb (Rg5) PN 25
3. EN-GJS-400-18-LT (GGG 40.3) PN 25



VGU DN 15-25



VGUF DN 32-50

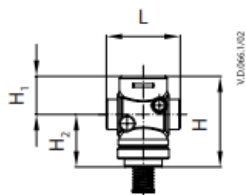
VGU

DN	L	H	H ₁	H ₂	Weight (kg)
	mm				
15	65	80	34	46	0,7
20	70	80	34	46	0,8
25	75	83	37	46	0,9
32	100	154	63	91	3,2
40	110	154	63	91	3,3
50	130	154	63	91	4,1

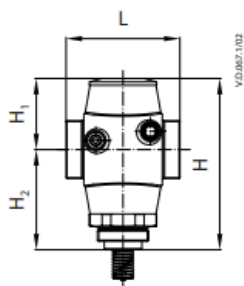
VGUF

DN	L	H	H ₁	H ₂	Weight (kg)
	mm				
32	180	158	70	88	7,5
40	200	163	75	88	9,0
50	230	171	83	88	11,1

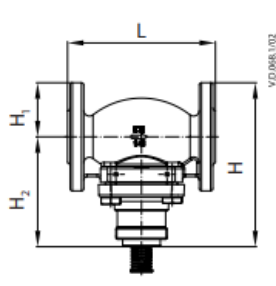
Note: other flange dimensions - see table for tailpieces



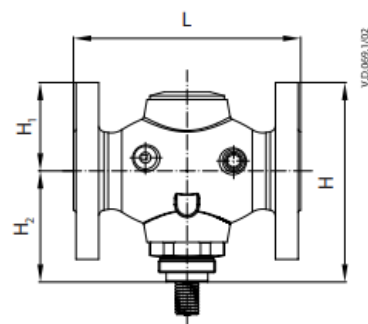
VG DN 15-25



VG DN 32-50



VGF DN 15-25



VGF DN 32-50

VGU

DN	L	H	H1	H2	Weight (kg)
	mm				
15	65	80	34	46	0,7
20	70	80	34	46	0,8
25	75	83	37	46	0,9
32	100	154	63	91	3,2
40	110	154	63	91	3,3
50	130	154	63	91	4,1

VGUF

DN	L	H	H1	H2	Weight (kg)
	mm				
32	180	158	70	88	7,5
40	200	163	75	88	9,0
50	230	171	83	88	11,1

Note: other range dimensions – see table for tailpieces

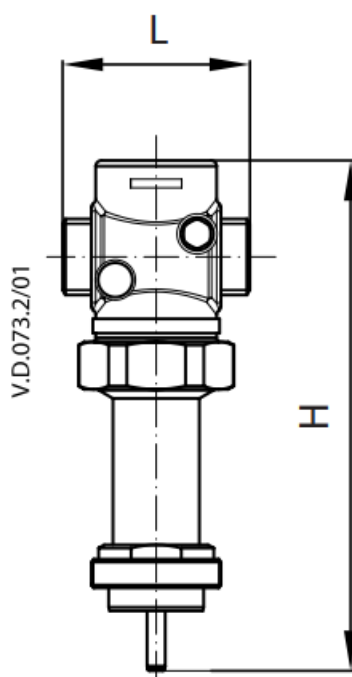
VG

DN	L	H	H1	H2	Weight (kg)
	mm				
15	65	80	34	46	0,7
20	70	80	34	46	0,8
25	75	83	37	46	0,9
32	100	154	63	91	3,0
40	110	154	63	91	3,1
50	130	154	63	91	3,8

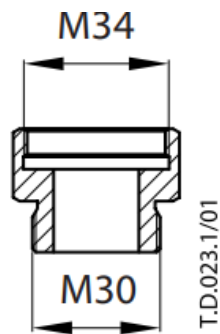
VGf

DN	L	H	H1	H2	Weight (kg)
	mm				
15	130	144	48	96	3,3
20	150	149	53	96	4,1
25	160	154	58	96	4,7
32	180	158	70	88	7,5
40	200	163	75	88	9,0
50	230	171	83	88	11,1

Note: other Range dimensions – see table for tailpieces

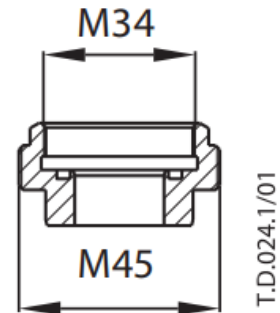


DN			15	20	25
VGS	L	mm	65	70	75
	H		156,5	155	158,5
	Weight	kg	0,7	0,8	0,9



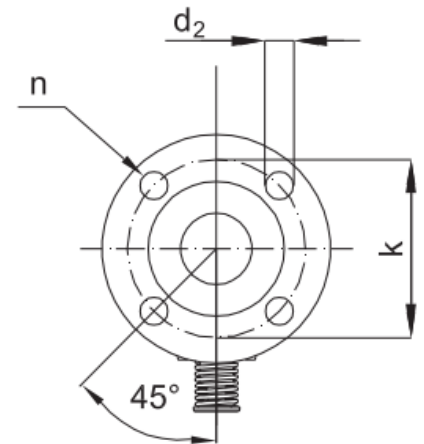
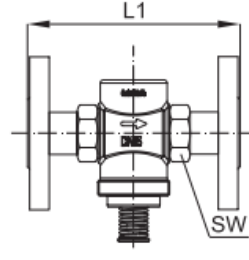
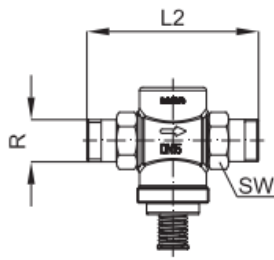
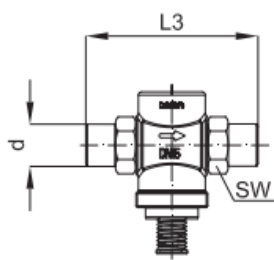
Adapter

$M34 \times 1,5 \text{ mm} / M30 \times 1,5 \text{ mm}$



Adapter

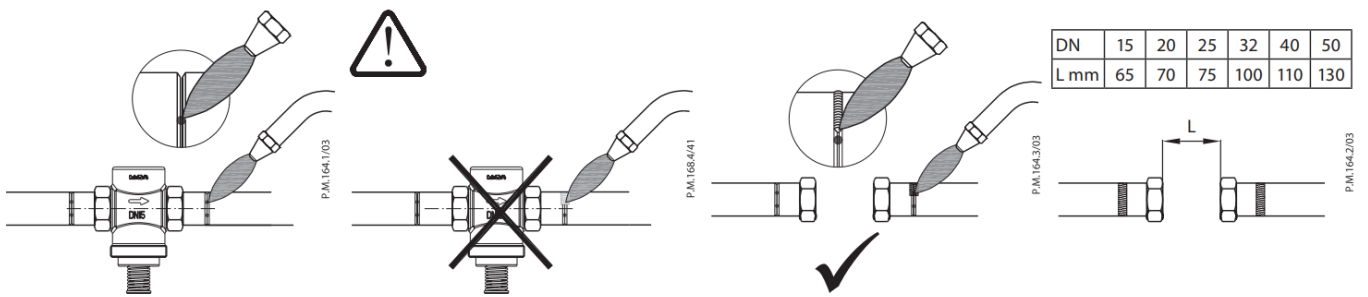
$M34 \times 1,5 \text{ mm} / M45 \times 1,5 \text{ mm}$



DN		15	20	25	32	40	50
SW	mm	32 (G ¾A)	41 (G 1A)	50 (G 1¼A)	63 (G 1¾A)	70 (G 2A)	82 (G 2½A)
d		21	26	33	42	47	60
R 1)		½	¾	1	1 ¼	—	—
L12)		130	150	160	—	—	—
L2		131	142	159	172	—	—
L3		139	154	159	184	244	298
k		65	75	85	100	110	125
d2		14	14	14	18	18	18
n		4	4	4	4	4	4

1. Conical ext. thread acc. to EN 10266-1

2. Flanges PN 25, acc. to EN 1092-2



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Documents / Resources

[Danfoss VG Pressure Relieved Threaded Valve](#) [pdf] Installation Guide

VGS DN 15-25, VG-VGU DN 15-25, DN 32-50, VGF DN 15-25, DN 32-50, VG DN 15-50, VGUF DN 32-50, VG Pressure Relieved Threaded Valve, VG, Pressure Relieved Threaded Valve, Relieved Threaded Valve, Threaded Valve

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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