

Operating Guide

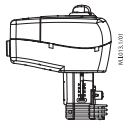
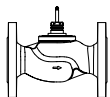
# VF 2, VF 3 DN 15-150

# VL 2, VL 3 DN 15-100

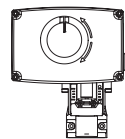


MAINTENANCE  
FREE

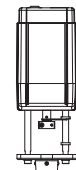
**VF 2, VL 2**  
(DN 15-80)



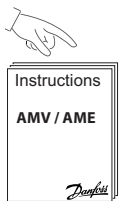
AMV(E) 335, 435 +  
VF, VL (DN 15-80)



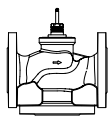
AMV(E) 438 SU +  
VF, VL (DN 15-50)



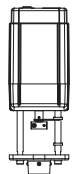
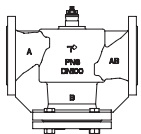
AMV(E) 56 +  
VF, VL (DN 65, 80) +  
adapter **065Z0312**



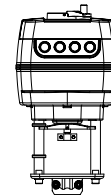
**VF 3, VL 3**  
(DN 15-80)



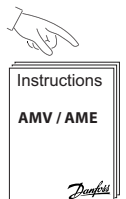
**VF 2, VL 2**  
(DN 100)



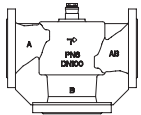
AMV(E) 55, 56 +  
VF, VL (DN 100)



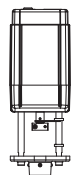
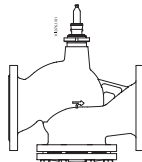
AMV(E) 65x +  
VF, VL (DN 100)



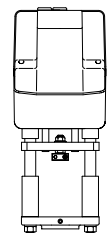
**VF 3, VL 3**  
(DN 100)



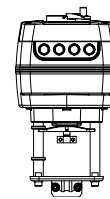
**VF 2**  
(DN 125, 150)



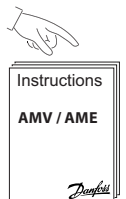
AMV(E) 55, 56 +  
VF (DN 125, 150)



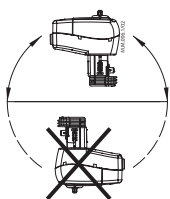
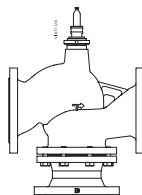
AMV(E) 85, 86 +  
VF (DN 125, 150)



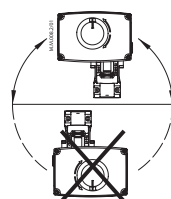
AMV(E) 65x, AMV 685 +  
VF (DN 125, 150)



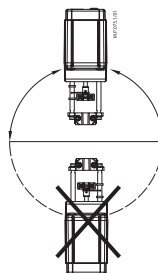
**VF 3**  
(DN 125, 150)



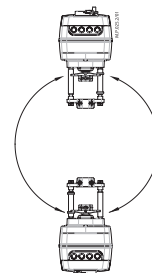
IP 54  
AMV(E) 335/435



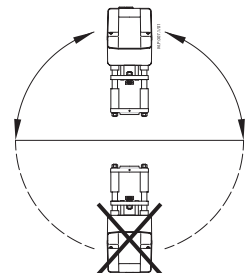
IP 54  
AMV(E) 438 SU/25/35



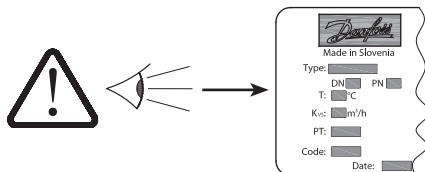
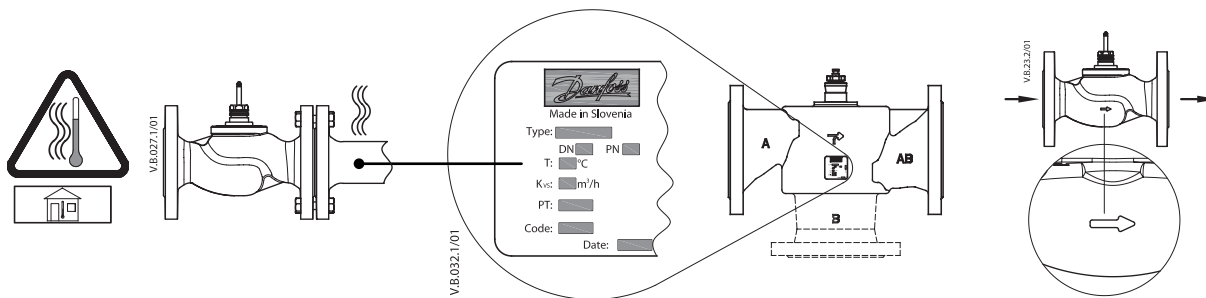
IP 54  
AMV(E) 55/56



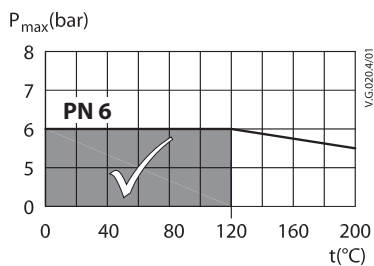
IP 54  
AMV(E) 65X



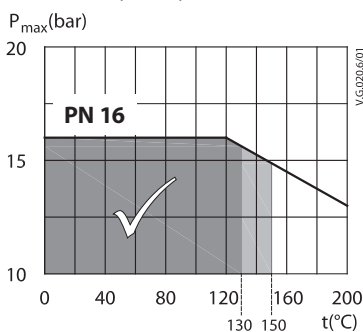
IP 54  
AMV(E) 85/86



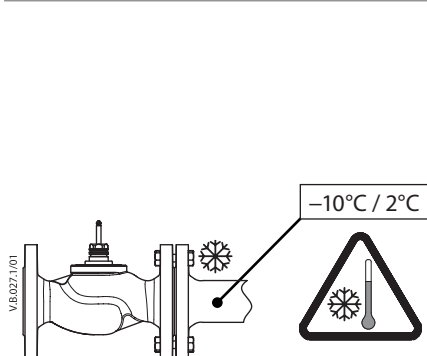
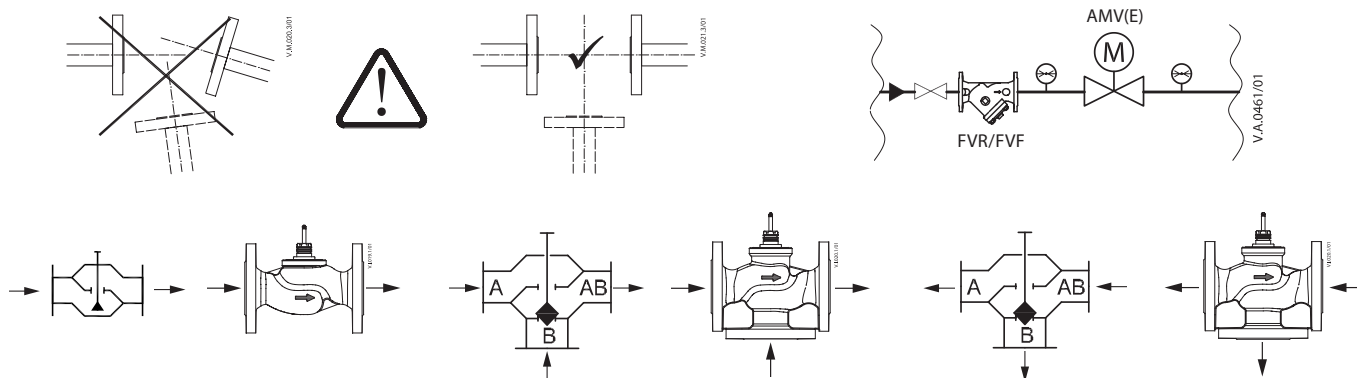
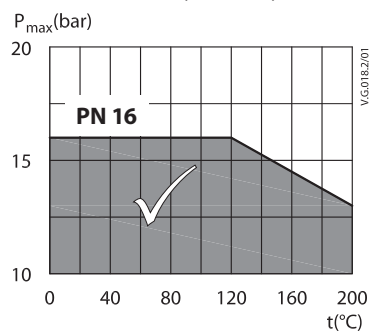
**VL 2, VL 3 (DN 15-100)**  
EN-GJL-250 (GG-25)



**VF 2, VF 3 (DN 15-100)**  
EN-GJL-250 (GG-25)

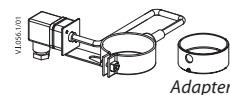


**VF 2, VF 3 (DN 125, 150)**  
EN-GJS-400-18-LT (GGG 40.3)



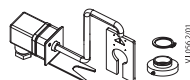
Stem heater **065Z0315**

DN	Actuators
15-80	AMV(E) 335, 435
15-50	AMV(E) 438 SU
15-50	AMV(E) 25 (SU/SD)/35 + adapter 065Z0311
65-80	AMV(E) 56 + adapter 065Z0312



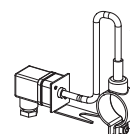
Stem heater **065Z7022**

DN	Actuators
100	AMV(E) 55, 56
125, 150	AMV(E) 55, 56, 65x



Stem heater **065Z7020**

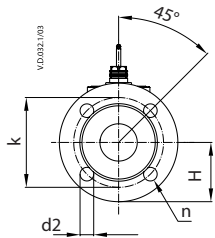
DN	Actuators
100	AMV(E) 55, 56, 65x



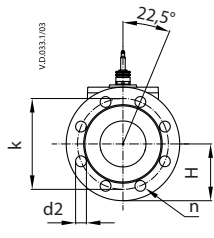
Stem heater **065Z7021**

DN	Actuators
125, 150	AMV(E) 85, 86

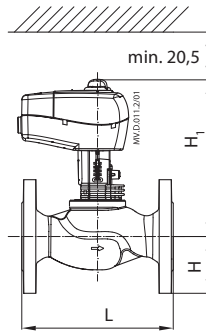
VF DN15-150 / VL DN15-100



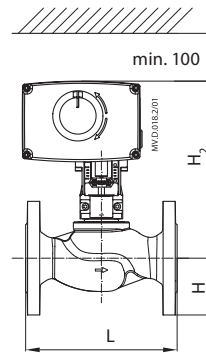
VF 2 (DN 15-65)  
VL 2 (DN 15-80)



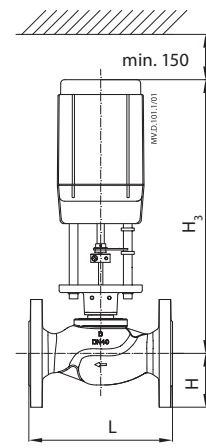
VF 2 (DN 80)



AMV(E) 335, 435 +  
VL 2 (DN 15-80)



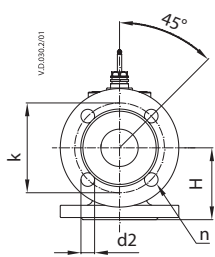
AMV(E) 438 SU +  
VL 2 (DN 15-50)  
AMV(E) 25 (SU/SD).35 +  
VF 2 (DN 15-50) +  
adapter 065Z0311



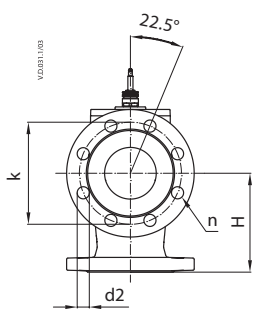
AMV(E) 56 +  
VL 2 (DN 65-80) +  
adapter 065Z0312

Type	DN	L	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	k	d2	n
		mm							
VF 2	15	130	47,5	191	216	-	65	14	4
	20	150	52,5	194	218	-	75	14	4
	25	160	57,5	197	222	-	85	14	4
	32	180	70	202	226	-	100	19	4
	40	200	75	213	237	-	110	19	4
	50	230	82,5	218	242	-	125	19	4
	65	290	92,5	254	-	428	145	19	4
	80	310	100	258	-	432	160	19	8

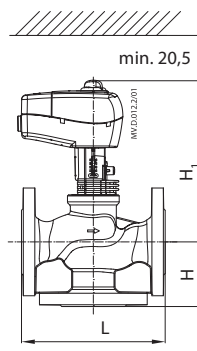
Type	DN	L	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	k	d2	n
		mm							
VL 2	15	130	40	191	216	-	55	11	4
	20	150	45	194	218	-	65	11	4
	25	160	50	197	222	-	75	11	4
	32	180	60	202	226	-	90	14	4
	40	200	65	213	237	-	100	14	4
	50	230	70	218	242	-	110	14	4
	65	290	88	254	-	428	130	14	4
	80	310	95	258	-	432	150	19	4



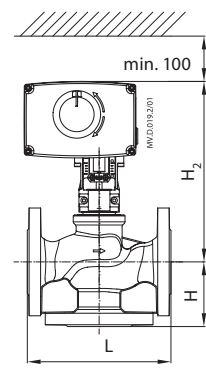
VF 3 (DN 15-65)  
VL 3 (DN 15-80)



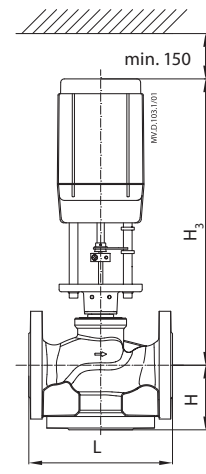
VF 3 (DN 80)



AMV(E) 335, 435 +  
VL 2 (DN 15-80)



AMV(E) 438 SU +  
VL 2 (DN 15-50)  
AMV(E) 25 (SU/SD).35 +  
VF 2 (DN 15-50) +  
adapter 065Z0311

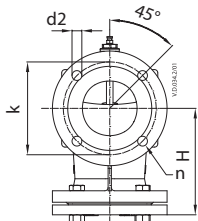


AMV(E) 56 +  
VL 2 (DN 65-80) +  
adapter 065Z0312

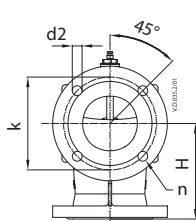
Type	DN	L	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	k	d2	n
		mm							
VF 3	15	130	63	191	216	-	65	14	4
	20	150	70	194	218	-	75	14	4
	25	160	75	197	222	-	85	14	4
	32	180	80	202	226	-	100	19	4
	40	200	90	230	255	-	110	19	4
	50	230	100	243	267	-	125	19	4
	65	290	120	254	-	428	145	19	4
	80	310	155	270	-	444	160	19	8

Type	DN	L	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	k	d2	n
		mm							
VL 3	15	130	63	191	216	-	55	11	4
	20	150	70	194	218	-	65	11	4
	25	160	75	197	222	-	75	11	4
	32	180	80	202	226	-	90	14	4
	40	200	90	230	255	-	100	14	4
	50	230	100	243	267	-	110	14	4
	65	290	120	254	-	428	130	14	4
	80	310	155	270	-	432	150	19	4

VF DN15-150 / VL DN15-100

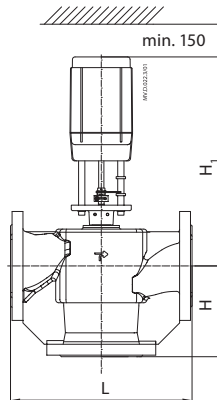


VL 2 (DN 100)

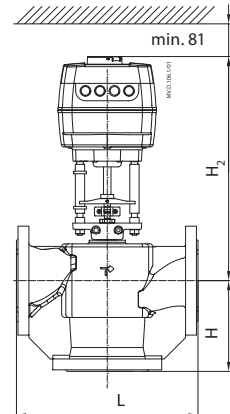


VL 3 (DN 100)

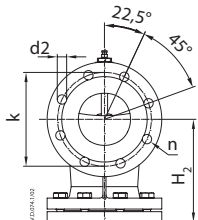
Type	DN	L	H	H <sub>1</sub>	H <sub>2</sub>	k	d2	n
		mm						
VL 2	100	350	196	406	450	170	18	4
VL 3	100	350	175	406	450	170	18	4



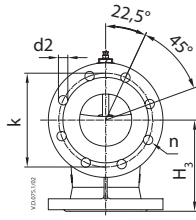
AMV(E) 55, 56 +  
VL 2, VL 3 (DN 100)



AMV(E) 65x +  
VL 2, VL 3 (DN 100)

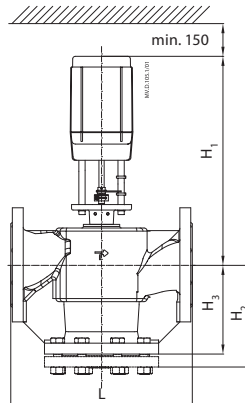


VF 2 (DN 100)

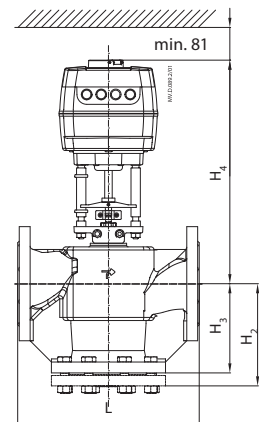


VF 3 (DN 100)

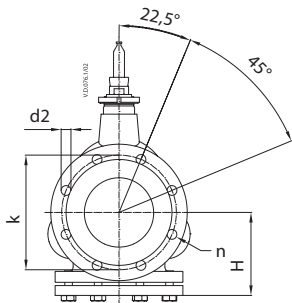
Type	DN	L	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	k	d2	n
		mm							
VF 2	100	350	406	196	-	450	170	18	8
VF 3	100	350	406	-	175	450	170	18	8



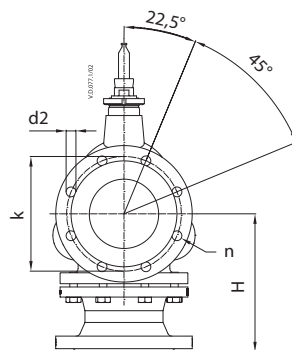
AMV(E) 55, 56 +  
VF 2, VF 3 (DN 100)



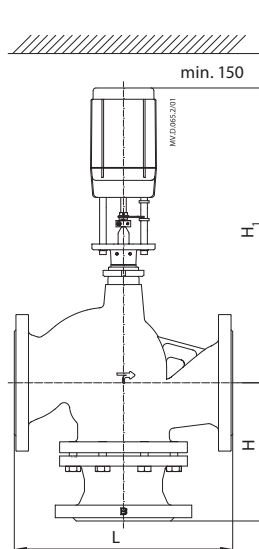
AMV(E) 65x +  
VF 2, VF 3 (DN 100)



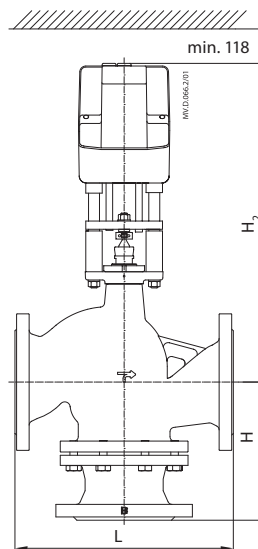
VF 2 (DN 125, 150)



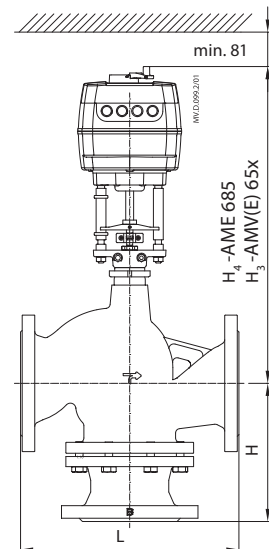
VF 3 (DN 125, 150)



AMV(E) 55, 56 +  
VF 2, VF 3 (DN 125, 150)



AMV(E) 85, 86 +  
VF 2, VF 3 (DN 125, 150)



AMV(E) 65x, AMV 685 +  
VF 2, VF 3 (DN 125, 150)

Type	DN	L	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	k	d2	n
		mm								
VF 2	125	400	160	555	629	595	723	210	18	8
	150	480	200	560	682	648	723	240	22	8
VF 3	125	400	250	555	629	595	723	210	18	8
	150	480	300	560	682	648	723	240	22	8

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