



Danfoss AB-QM DN 125 Flange Installation Guide

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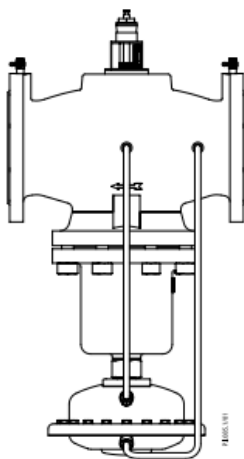
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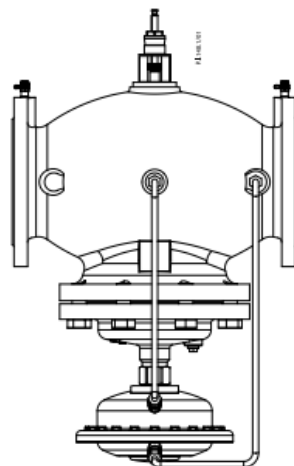
Danfoss AB-QM DN 125 Flange



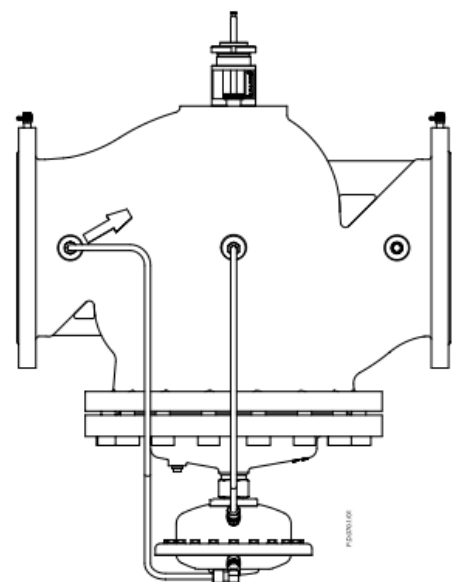
Models



AB-QM DN 125

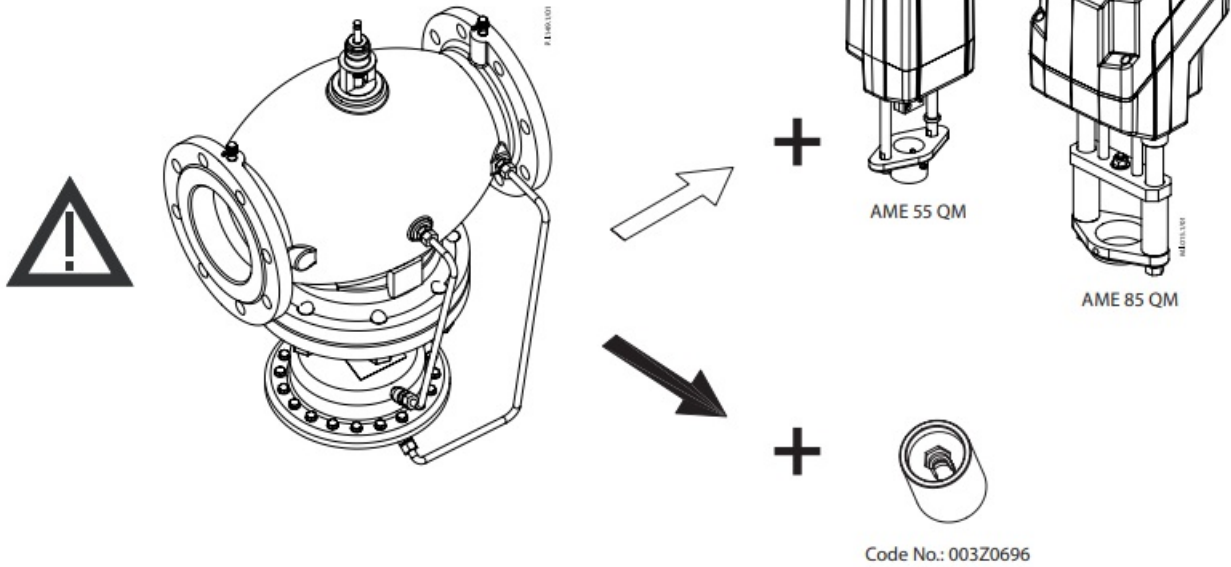


AB-QM DN 150

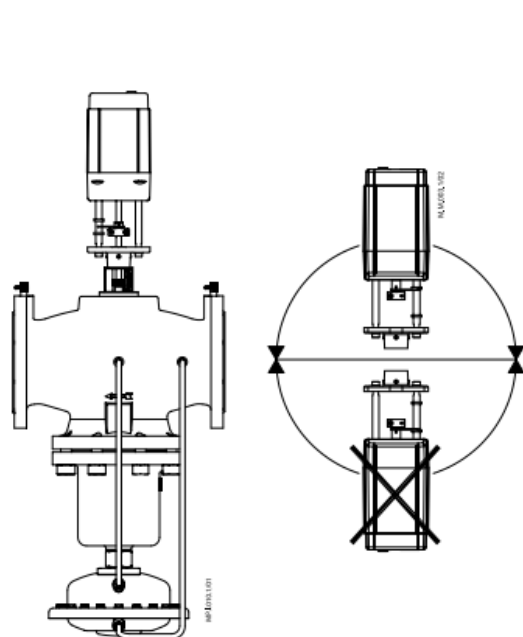


AB-QM DN 200/250

Installation

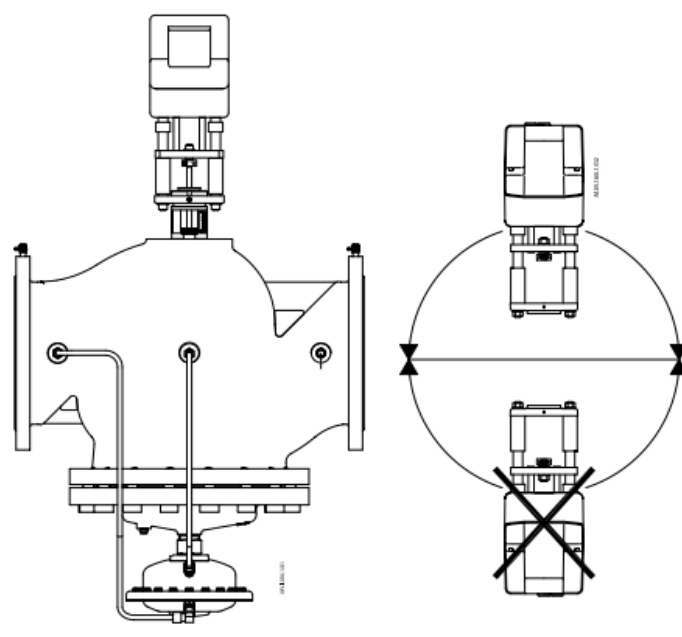


AB-QM DN 125-250



AB-QM DN 125/150 +
AME 55 QM

IP 54



AB-QM DN 200/250 +
AME 85 QM

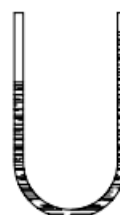
IP 54



Temp. -10 ... 120 °C

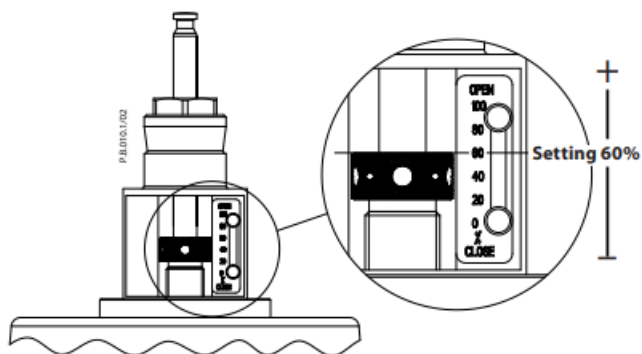
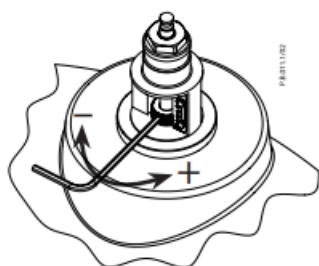


PN 16



$\Delta p_{\max.} = 400 \text{ kPa}$

Setting

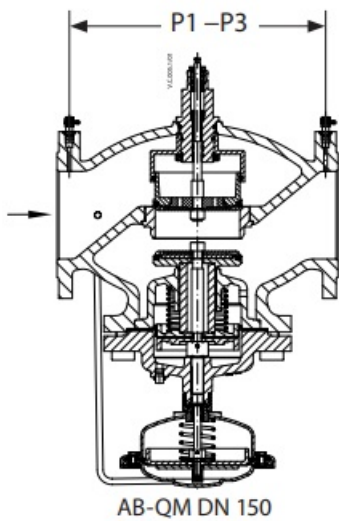
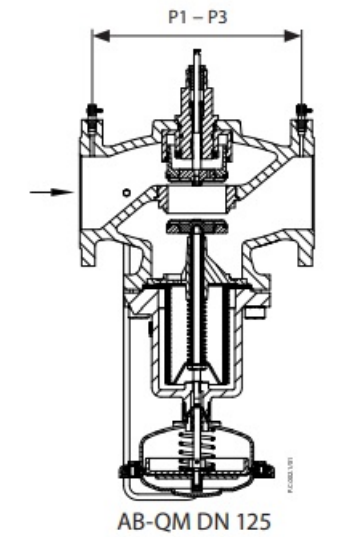
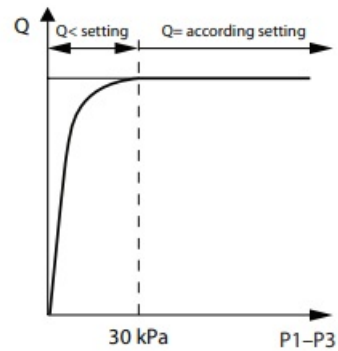


Note:

DN 125 & 150: 1 turn = 6.0 %

DN 200 & 250: 1 turn = 5.5 %

Measuring



DN 125	Flow			High Flow		
	L/h	L/s	GPM	L/h	L/s	GPM
40%	36.000	10,00	159	48.000	13,33	211
45%	40.500	11,25	178	54.000	15,00	238
50%	45.000	12,50	198	60.000	16,67	264
55%	49.500	13,75	218	66.000	18,33	291
60%	54.000	15,00	238	72.000	20,00	317
65%	58.500	16,25	258	78.000	21,67	343
70%	63.000	17,50	278	84.000	23,33	370
75%	67.500	18,75	297	90.000	25,00	396
80%	72.000	20,00	317	96.000	26,67	423
85%	76.500	21,25	337	102.000	28,33	449
90%	81.000	22,50	357	108.000	30,00	476
95%	85.500	23,75	376	114.000	31,67	502
100%	90.000	25,00	396	120.000	33,33	528

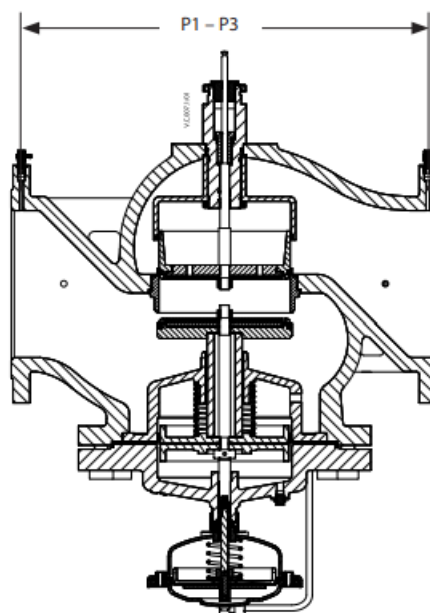
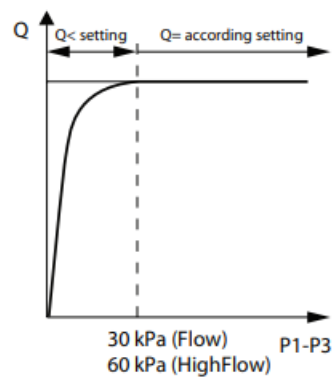
Note: 1 turn = 6,0%

DN 150	Flow			High Flow		
	L/h	L/s	GPM	L/h	L/s	GPM
40%	58.000	16,11	255	91.600	25,44	403
45%	65.250	18,13	287	103.100	28,64	454
50%	72.500	20,14	319	114.500	31,81	504
55%	79.750	22,15	351	126.000	35	555
60%	87.000	24,17	383	137.400	38,17	605
65%	94.250	26,18	415	148.900	41,36	656
70%	101.500	18,19	447	160.300	44,53	706
75%	108.750	30,21	479	171.800	47,72	756
80%	116.000	32,22	511	183.200	50,89	807
85%	123.250	34,24	543	194.700	54,08	857
90%	130.500	36,25	575	206.100	57,25	907
95%	137.750	38,26	606	217.600	60,44	958
100%	145.000	40,28	639	229.000	63,61	1008

Note: 1 turn = 6,0%

AB-QM DN 125-250

Measuring



AB-QM DN 200/250

DN 200	Flow			High Flow		
	L/h	L/s	GPM	L/h	L/s	GPM
40%	76.000	21,11	335	120.000	33,33	528
45%	85.500	23,75	376	135.000	37,5	594
50%	95.000	26,39	418	150.000	41,67	660
55%	104.500	29,03	460	165.000	45,83	727
60%	114.000	31,67	502	180.000	50	793
65%	123.500	34,31	544	195.000	54,17	859
70%	133.000	36,94	585	210.000	58,33	925
75%	142.500	39,58	627	225.000	62,5	991
80%	152.000	42,22	669	240.000	66,67	1.057
85%	161.500	44,86	711	255.000	70,83	1.123
90%	171.000	47,50	753	270.000	75	1.189
95%	180.500	50,14	795	285.000	79,17	1.255
100%	190.000	52,78	837	300.000	83,33	1.321

Note: 1 turn = 5,5%

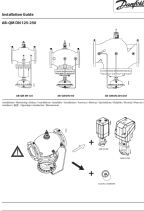
DN 250	Flow			High Flow		
	L/h	L/s	GPM	L/h	L/s	GPM
40%	112.000	31,11	493	176.800	49,11	778
45%	126.000	35,00	555	198.900	55,25	876
50%	140.000	38,89	616	221.000	61,39	973
55%	154.000	42,78	678	243.100	67,53	1.070
60%	168.000	46,67	740	265.200	73,67	1.168
65%	182.000	50,56	801	287.300	79,81	1.265
70%	196.000	54,44	863	309.400	85,94	1.362
75%	210.000	58,33	925	331.500	92,08	1.460
80%	224.000	62,22	986	353.600	98,22	1.557
85%	238.000	66,11	1048	375.700	104,4	1.654
90%	252.000	70,00	1109	397.800	110,5	1.751
95%	266.000	73,89	1171	419.900	116,6	1.849
100%	280.000	77,78	1233	442.000	122,8	1.946

Note: 1 turn = 5,5%

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Documents / Resources

	Danfoss AB-QM DN 125 Flange [pdf] Installation Guide AB-QM DN 125, Flange, AB-QM DN 125 Flange
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Manuals+.