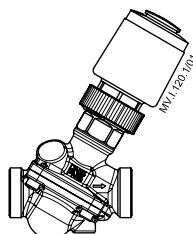
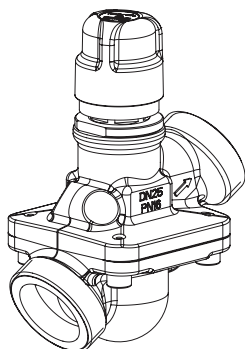
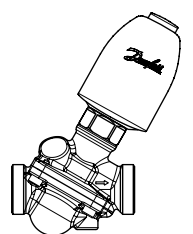


Installation Guide

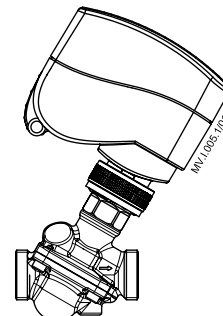
AB-QM DN 10-32



TWA-Z +
AB-QM DN 10-32

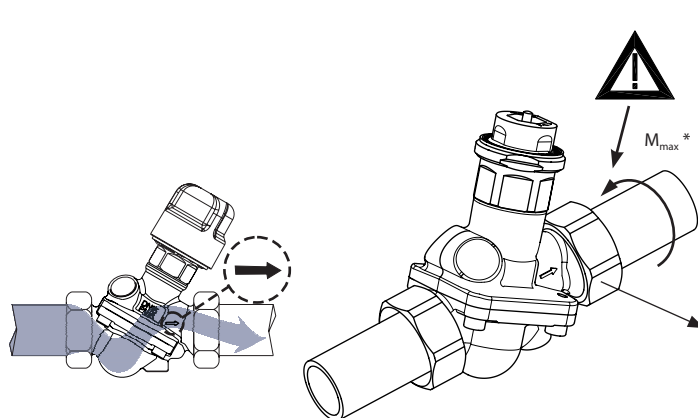


ABNM +
AB-QM DN 10-32



AMV/AME 110 NL, 120 NL +
AB-QM DN 10-32

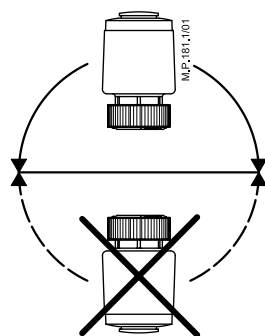
Installation / Monterig / Einbau / Installation / Installatie / Installation / Asennus / Montaž / Uzstādišana / Beépítés / MONTAJ / Монтаж / Instalace / 安装 / Vgradnja / Instalación / Montavimas



DN	To pipe		Code No.	Weld.c.		Code No.	Solder.c.		Code No.
	L (mm)	L (mm)		L (mm)	L (mm)		L (mm)	L (mm)	
10	R 3/8	26	003Z0231				17		065Z7016
15	R 1/2	27.5	003Z0232	37		003Z0226	22		065Z7017
20	R 3/4	30.5	003Z0233	42		003Z0227			
25	R 1	35	003Z0234	42		003Z0228			
32	R 1 1/4	38.5	003Z0235	42		003Z0229			

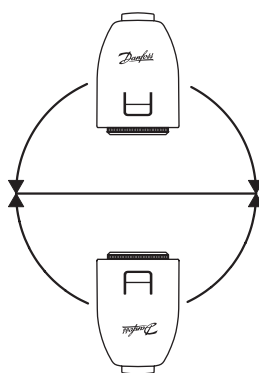
* M_{max} for DN 10 is 35 Nm

TWA-Z



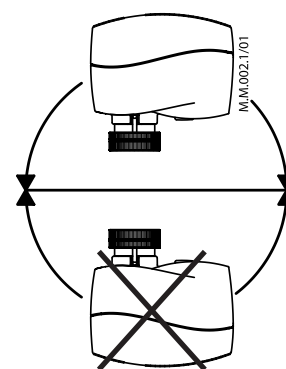
IP 41

ABNM



IP 54

AMV/AME 110NL, 120 NL



IP 42

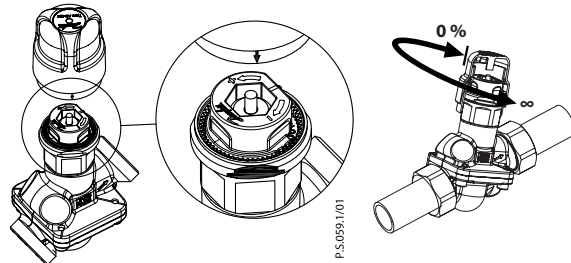
Installation Guide

AB-QM DN 10-32

Shut off / Afspærring / Absperierung / Fermeture / Afsluiten / Avstängning / Sulkuventtiili / Funkcja odcięcia / Aizvēršana / Elzárás / KAPAMA / Отключение / Uzavření / 关闭 / Zapiranje pretoka / Corte / Uždarymas

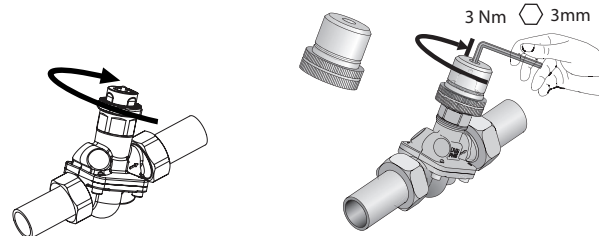
$\Delta p_{\max} = 1 \text{ bar}$

Code No.: 003Z0240

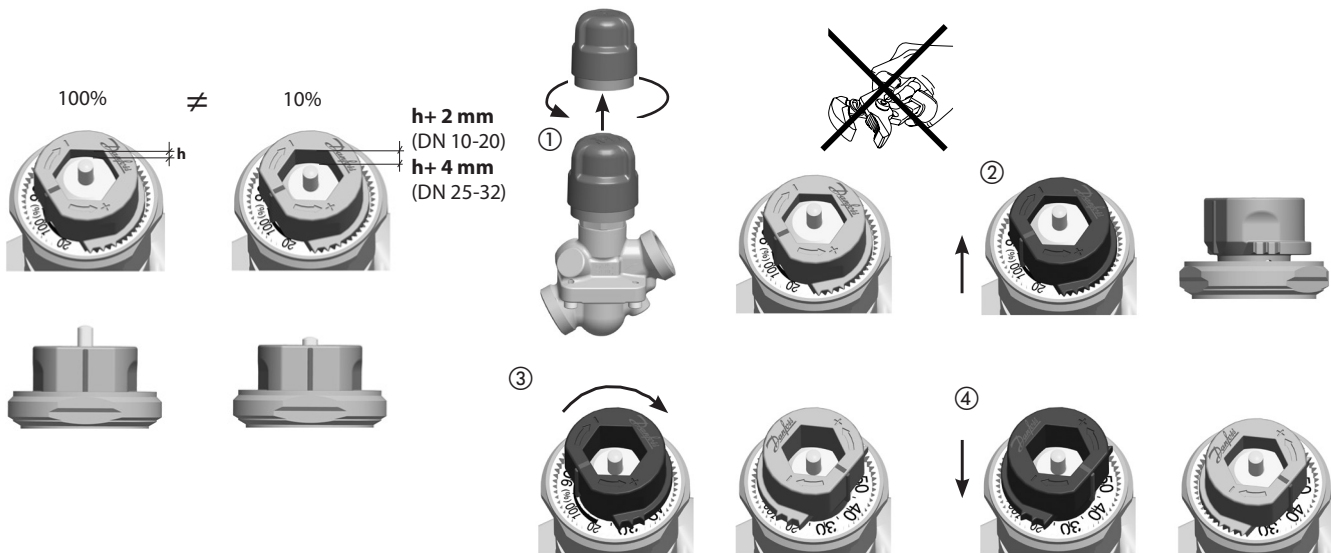


$\Delta p_{\max} = 16 \text{ bar}$

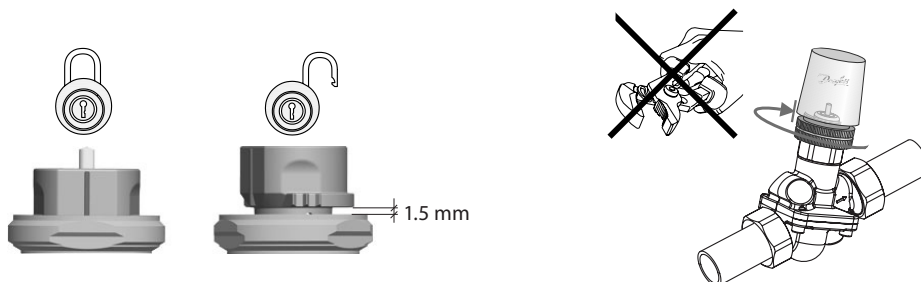
Code No.: 003Z1230



Setting / Indstilling / Einstellung / Réglage / Instelling / Inställning / Asettelu / Wykonywanie nastawy / Iestādījumi / Beállítás / AYARLAMA / Настройка / Nastavení / 设定 / Nastavitev / Ajuste / Nustatymas

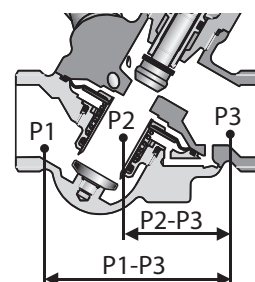
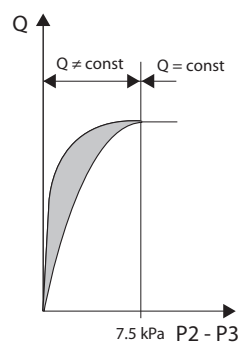
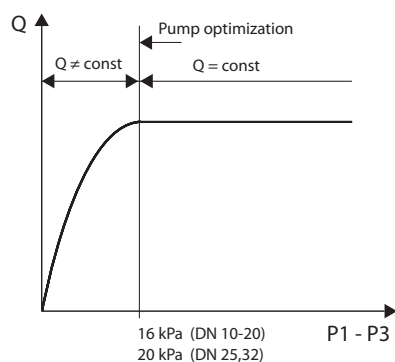
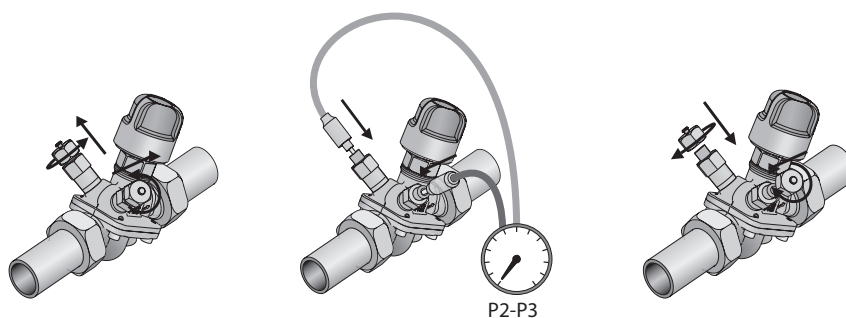


Locking / Låsning / Blockierung / Verrouillage / Vergrendelen / Låsning / Lukitsemien / Blokowanie nastawy / Noslēgšana / Korlátozás / KILÍTLEME / Блокировка / Uzamykání / 锁定 / Blokiranje / Bloqueo / Blokavimas

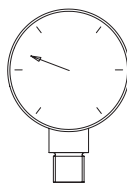


Installation Guide AB-QM DN 10-32

Measuring / Måling / Messung / Mesure / Meten / Mätning / Mittaaminen / Wykonywanie pomiarów / Mērišana / Mérés / Ölçüm / Измерение / Měření / 測量 / Merjenje / Medida / Matavimas



-10...120 °C



PN 16



$\Delta p_{\text{max.}} = 400 \text{ kPa (4 bar)}$

Installation Guide

AB-QM DN 10-32

DN 10 LF	L/h	L/s	GPM
20%	30	0,008	0,13
25%	38	0,010	0,16
30%	45	0,013	0,20
35%	53	0,015	0,23
40%	60	0,017	0,26
45%	68	0,019	0,29
50%	75	0,021	0,33
55%	83	0,023	0,36
60%	90	0,025	0,39
65%	98	0,027	0,43
70%	105	0,029	0,46
75%	113	0,031	0,49
80%	120	0,033	0,52
85%	128	0,035	0,56
90%	135	0,038	0,59
95%	143	0,040	0,62
100%	150	0,042	0,65

DN 10 & DN 15 LF	L/h	L/s	GPM
20%	55	0,015	0,24
25%	69	0,019	0,30
30%	83	0,023	0,36
35%	96	0,027	0,42
40%	110	0,031	0,48
45%	124	0,034	0,54
50%	138	0,038	0,60
55%	151	0,042	0,66
60%	165	0,046	0,72
65%	179	0,050	0,78
70%	193	0,053	0,84
75%	206	0,057	0,90
80%	220	0,061	0,96
85%	234	0,065	1,02
90%	248	0,069	1,08
95%	261	0,073	1,14
100%	275	0,076	1,20

DN 15	L/h	L/s	GPM
20%	90	0,025	0,40
25%	113	0,031	0,50
30%	135	0,038	0,60
35%	158	0,044	0,70
40%	180	0,050	0,80
45%	203	0,056	0,90
50%	225	0,063	1,00
55%	248	0,069	1,10
60%	270	0,075	1,20
65%	293	0,081	1,30
70%	315	0,088	1,40
75%	338	0,094	1,50
80%	360	0,100	1,60
85%	383	0,106	1,70
90%	405	0,113	1,80
95%	428	0,119	1,90
100%	450	0,125	2,00

DN 20	L/h	L/s	GPM
20%	180	0,050	0,80
25%	225	0,063	1,00
30%	270	0,075	1,20
35%	315	0,088	1,40
40%	360	0,100	1,60
45%	405	0,113	1,80
50%	450	0,125	2,00
55%	495	0,138	2,20
60%	540	0,150	2,40
65%	585	0,163	2,60
70%	630	0,175	2,80
75%	675	0,188	3,00
80%	720	0,200	3,20
85%	765	0,213	3,40
90%	810	0,225	3,60
95%	855	0,238	3,80
100%	900	0,250	4,00

DN 25	L/h	L/s	GPM
20%	340	0,094	1,50
25%	425	0,118	1,88
30%	510	0,142	2,25
35%	595	0,165	2,63
40%	680	0,189	3,00
45%	765	0,213	3,38
50%	850	0,236	3,75
55%	935	0,260	4,13
60%	1020	0,283	4,50
65%	1105	0,307	4,88
70%	1190	0,331	5,25
75%	1275	0,354	5,63
80%	1360	0,378	6,00
85%	1445	0,401	6,38
90%	1530	0,425	6,75
95%	1615	0,449	7,13
100%	1700	0,472	7,50

DN 32	L/h	L/s	GPM
20%	640	0,178	2,80
25%	800	0,222	3,50
30%	960	0,267	4,20
35%	1120	0,311	4,90
40%	1280	0,356	5,60
45%	1440	0,400	6,30
50%	1600	0,444	7,00
55%	1760	0,489	7,70
60%	1920	0,533	8,40
65%	2080	0,578	9,10
70%	2240	0,622	9,80
75%	2400	0,667	10,50
80%	2560	0,711	11,20
85%	2720	0,756	11,90
90%	2880	0,800	12,60
95%	3040	0,844	13,30
100%	3200	0,889	14,00