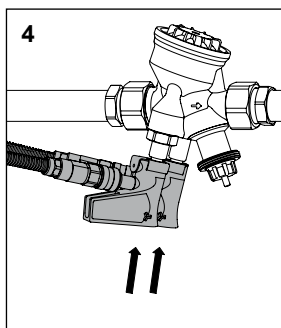
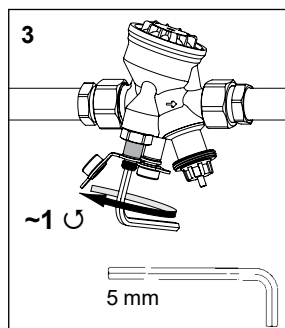
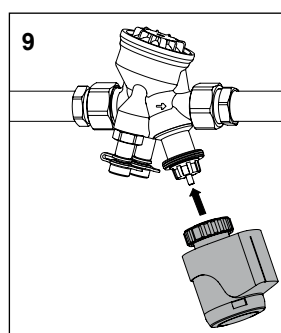
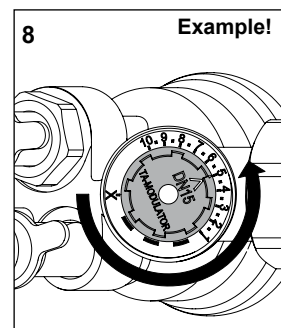
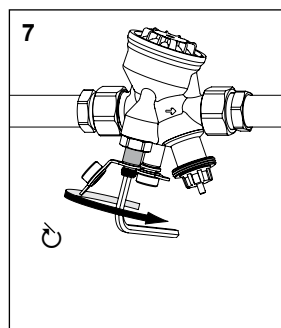
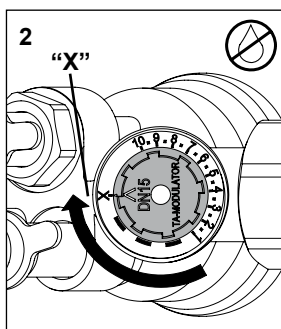
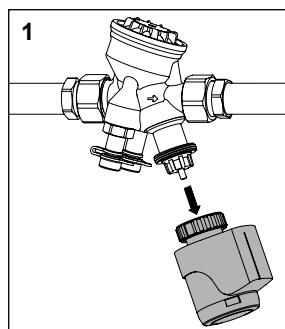
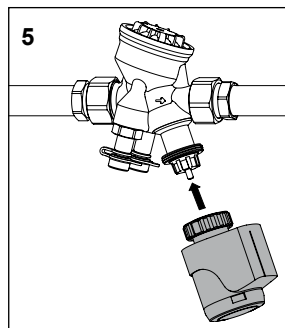
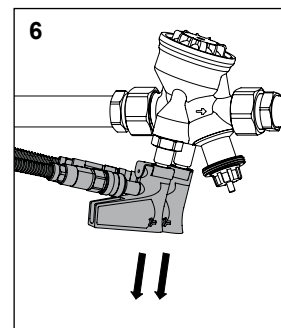
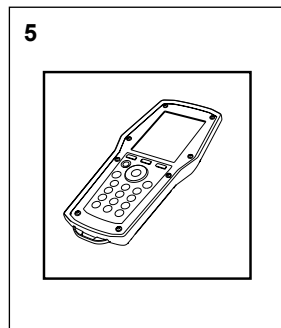
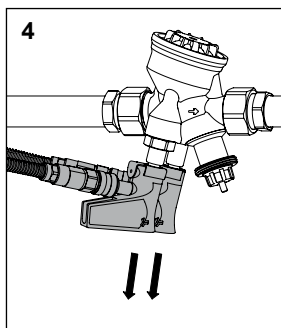
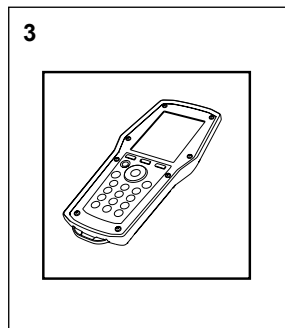
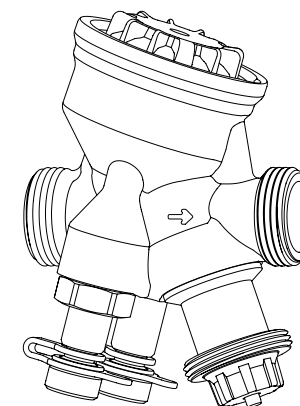




# TA-Modulator

DN 10-32

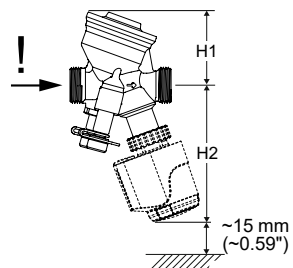


We reserve the right to introduce technical alterations  
without prior notice.



<p><math>\Delta p</math> insert PPS: 0°C – +90°C (+32°F – +194°F)</p> <p>PN 16 (230 psi)</p> 	<p><math>\Delta p</math> insert AMETAL®: -20° – +120°C (-4°F – +248°F)</p> <p>PN 16 (230 psi)</p> 
<p><math>\Delta pV_{max}</math>: 400 kPa = 4 bar (58 psi)</p> <p><math>\Delta pV_{min}</math> DN 10-20 (1/2"-3/4"): 15 kPa = 0.15 bar (2.2 psi)</p> <p><math>\Delta pV_{min}</math> DN 25-32 (1"-1 1/4"): 23 kPa = 0.23 bar (3.3 psi)</p>	<p><math>\Delta pV_{max}</math>: 600 kPa = 6 bar (87 psi)</p> <p><math>\Delta pV_{min}</math> DN 10-20 (1/2"-3/4"): 15 kPa = 0.15 bar (2.2 psi)</p> <p><math>\Delta pV_{min}</math> DN 25-32 (1"-1 1/4"): 23 kPa = 0.23 bar (3.3 psi)</p>

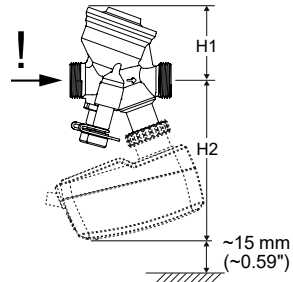
### TA-Modulator + EMO TM



DN	H1	H2
10-15	55	107
20	64	107

Size	H1	H2
3/8"-1/2"	2.17"	4.21"
3/4"	2.52"	4.21"

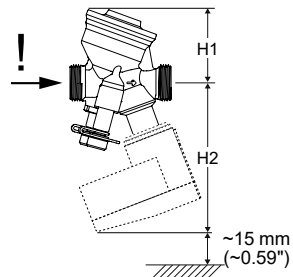
### TA-Modulator + TA-Slider 160



DN	H1	H2
10-15	55	119
20	64	119
25	64	130
32	78	133

Size	H1	H2
3/8"-1/2"	2.17"	4.68"
3/4"	2.52"	4.68"
1"	2.52"	5.12"
1 1/4"	3.07"	5.24"

### TA-Modulator + TA-TRI



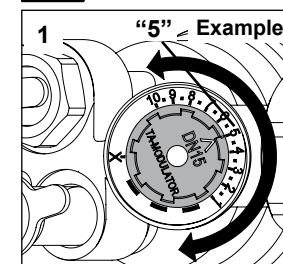
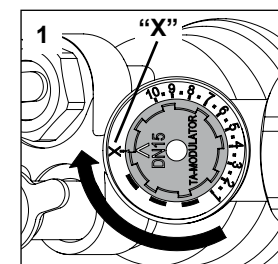
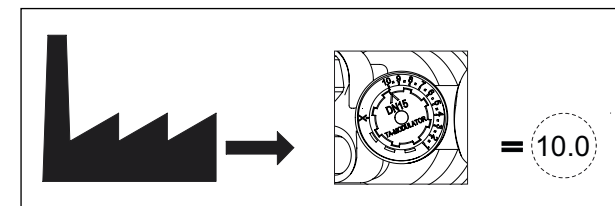
DN	H1	H2
10-15	55	122
20	64	122
25	64	132
32	78	132

Size	H1	H2
3/8"-1/2"	2.17"	4.80"
3/4"	2.52"	4.80"
1"	2.52"	5.20"
1 1/4"	3.07"	5.20"

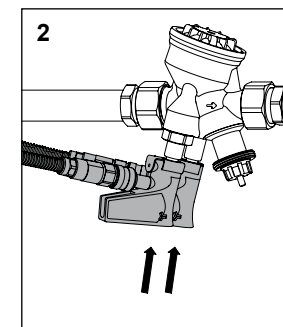
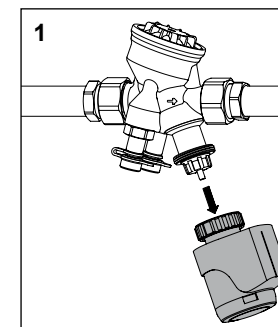
	$q_{max}$											
Pos	DN 10 LF [l/h]	3/8" LF [US gpm]	DN 15 LF [l/h]	1/2" LF [US gpm]	DN 15 [l/h]	1/2" [US gpm]	DN 20 [l/h]	3/4" [US gpm]	DN 25 [l/h]	1" [US gpm]	DN 32 [l/h]	1 1/4" [US gpm]
1	17	0.075	38	0.17	92	0.41	200	0.88	340	1.50	720	3.17
2	27	0.12	53	0.23	114	0.50	260	1.14	440	1.94	960	4.23
3	39	0.17	68	0.30	140	0.62	360	1.59	600	2.64	1350	5.94
4	51	0.22	85	0.37	170	0.75	460	2.03	810	3.57	1750	7.71
5	62	0.27	104	0.46	210	0.92	565	2.49	1010	4.45	2150	9.47
6	76	0.33	125	0.55	265	1.17	670	2.95	1200	5.28	2530	11.1
7	89	0.39	146	0.64	325	1.43	770	3.39	1350	5.94	2850	12.5
8	101	0.44	168	0.74	390	1.72	850	3.74	1520	6.69	3130	13.8
9	111	0.49	197	0.87	445	1.96	920	4.05	1640	7.22	3380	14.9
10	120	0.53	230	1.01	480	2.11	975	4.29	1750	7.71	3600	15.8

$q_{max} =$

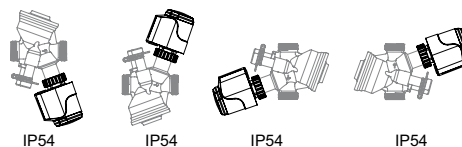
- l/h (US gpm) at each pre-setting and fully open valve plug.
- l/h bei der jeweiligen Voreinstellung und voll geöffnetem Regelkegel.
- l/h pour chaque pré-réglage, la cône de la vanne étant complètement ouverte.
- l/h van elke voorinstelstand en volledig geopende afsluiterkegel.
- l/h para cada preajuste, estando el obturador en la posición totalmente abierta.
- l/h em cada posição de pré-ajuste e o disco da válvula totalmente aberto.
- l/h con ogni pre-impostazioni e con la valvola completamente aperta.
- л/ч для каждой преднастройки и полностью открытым клапане.
- l/h az egyes előbeállításknál és teljesen nyitott szeleptányérnál.
- l/h dla każdej nastawy i w pełni otwartego trzpienia zaworu.
- l/h pro každý stupeň přednastavení při zcela otevřeném regulačním kuželce.
- l/hod pri danom prednastavení a plne otvorenej regulačnej kúželke.
- l/h pri dani prednastavitvi in popolnoma odprtem vretenu ventila.
- l/h pentru fiecare presetare si vana complet deschisa.
- l/h pri svakom prednamještanju i potpuno otvorenom ventilu.
- l/h на свакој пред-подешеној позицији и потпуно отвореном вентилу.
- l/h reguleerosa täiesti avatud asendis vastavalt eelseadearvule.
- l/h katram iepriekšiestatījumam un pilnībā atvērtam vārstam.
- l/h prie kiekvienos nustatymo padėties esant pilnai atidarytam vožtuvui.
- l/h vid respektive förinställning och fullt öppna ventilkägla.
- l/h ved angitt forinnstilling og full åpen ventilkjegle.
- l/h kyseisellä esisäättöarvolla venttiilikara täysin auki.
- l/h ved respektiv forindstilling og fuldt åben ventilkjegle.





q




### EMO TM/TA-Slider 160/TA-TRI





DN 10-15	52 164-901	 30 mm 2001-30.700 (DN 15-20)
DN 20	52 164-902	
DN 25	52 164-903	
DN 32	52 164-904	


TA-Modulator  
www.imi-hydronic.com