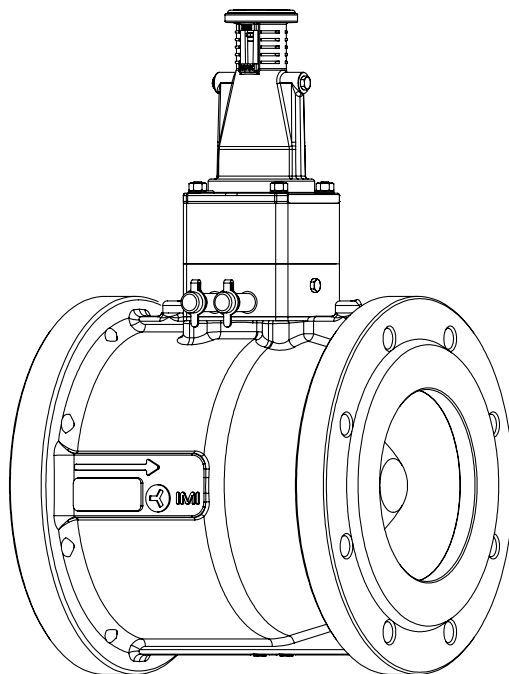


TA-PILOT-R



DN Size		65 2 1/2"	80 3"	100 4"	125 5"	150 6"	200 8"
Sp [kPa] / [psi]	$\Delta H = 0-400 \text{ kPa} / 0-58 \text{ psi}$	45 / 6.5					
	$\Delta H = 400-1200 \text{ kPa} / 58-174 \text{ psi}$	65 / 9.4					
Kv _{min} / Cv _{min}		4 / 5					
Kv _m / Cv _m		75 / 87	110 / 127	180 / 208	270 / 312	400 / 462	600 / 694
q _{max} [m ³ /h] / [gpm]		53 / 233	78 / 343	127 / 559	191 / 841	283 / 1246	424 / 1867

Sp = Sealing pressure, the increase of Δp_L in kPa (psi) when a Δp controller controls Δp_L from Kv_{min} (Cv_{min}) down to zero flow.

Kv_{min} (Cv_{min}) = m³/h (gpm) at a pressure drop of 1 bar (1 psi) and minimum opening corresponding to the p-band.

Kv_m (Cv_m) = m³/h (gpm) at a pressure drop of 1 bar (1 psi) and maximum opening corresponding to the p-band.

q_{max} = The maximum recommended flow through a Δp controller.

ΔH = Available differential pressure.

Sp = Schließdruck, der Anstieg von Δp_L in kPa wenn der Differenzdruckregler das Δp_L von Kv_{min} zum Nulldurchfluss regelt.

Kv_{min} = m³/h bei einem Druckverlust von 1 bar und einer minimalen Ventilöffnung, die dem P-Band entspricht.

Kv_m = m³/h bei einem Druckverlust von 1 bar und einer maximalen Ventilöffnung, die dem P-Band entspricht.

q_{max} = Die empfohlene Maximaldurchfluss durch eine Differenzdruckregler.

ΔH = Verfügbarer Differenzdruck.

Sp = pression de fermeture : Augmentation de la Δp_L en kPa lorsque le régulateur de Δp régule la Δp_L jusqu'au débit nul.

Kv_{min} = m³/h pour une pression différentielle de 1 bar, et une ouverture minimum correspondant à une bande proportionnelle (BP) autour de la consigne.

Kv_m = m³/h pour une pression différentielle de 1 bar, et une ouverture maximum correspondant à une bande proportionnelle (BP) autour de la consigne.

q_{max} = Le maximum recommandé débit à travers un régulateur de pression différentielle.

ΔH = pression différentielle disponible.

Sp = dichtingsdruk, toename van Δp_L in kPa als een Δp regelaar Δp_L regelt van Kv_{min} tot nuldebiet.

Kv_{min} = m³/h bij een drukverschil van 1 bar en een minimum opening overeenkomstig de p-band.

Kv_m = m³/h bij een drukverschil van 1 bar en een maximum opening overeenkomstig de p-band.

q_{max} = de aanbevolen maximale debiet door een drukverschilregelaars.

ΔH = beschikbaar drukverschil.

Sp = Presión de cierre, incremento de Δp_L en kPa cuando el controlador Δp maneja la Δp_L desde Kv_{min} hasta caudal cero.

Kv_{min} = m³/h para una presión diferencial de 1 bar y una mínima apertura correspondiente a la banda proporcional.

Kv_m = m³/h para una presión diferencial de 1 bar y una máxima apertura correspondiente a la banda proporcional.

q_{max} = Caudal máximo recomendado a través de la válvula.

ΔH = Presión diferencial disponible.

Sp = Pressione di tenuta, è l'incremento di Δp_L , in kPa, che avviene quando un regolatore di pressione regola il Δp_L nel campo tra Kv_{min} e la portata nulla.

Kv_{min} = m³/h con una caduta di pressione di 1 bar e minima apertura corrispondente alla banda p.

Kv_m = m³/h con una caduta di pressione di 1 bar e massima apertura corrispondente alla banda p.

q_{max} = La portata massima consigliata attraverso un regolatori di pressione differenziale.

ΔH = Prevalenza utile disponibile.

Sp = увеличение Δp_L в кПа при регулировании перепада давления в диапазоне расходов от Kv_{min} до нуля.

Kv_{min} = м³/ч при перепаде давления в 1 бар и минимальной степени открытия, соответствующей диапазону пропорционального регулирования.

Kv_m = м³/ч при перепаде давления в 1 бар и максимальной степени открытия, соответствующей диапазону пропорционального регулирования.

q_{max} (q_{maxc}) = м³/ч максимально рекомендуемый расход через регулятор.

ΔH = Доступный перепад давления.

Sp = Stängkraft, ökningen av Δp_L i kPa när differanstrycksregulatorn reglerar från Kv_{min} ner till noll flöde.

Kv_{min} = m³/h vid ett tryckfall av 1 bar och minsta öppning motsvarande p-bandet.

Kv_m = m³/h vid ett tryckfall av 1 bar och största öppning motsvarande p-bandet.

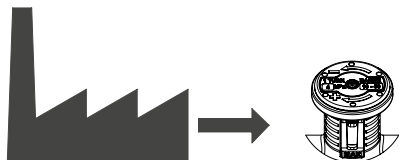
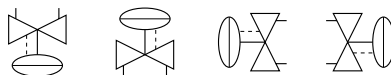
q_{max} = Max rekommenderat flöde.

ΔH = Tillgängligt differenstryck.

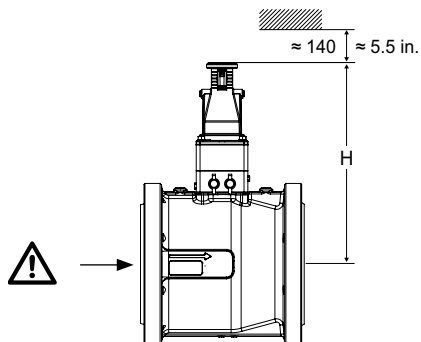
-10°C – +120°C / 14°F – +248°F
 -10°C – +150°C / 14°F – +302°F

PN 16, PN 25 / Class 150

Max. $\Delta pV = 1200 \text{ kPa} = 12 \text{ bar} / 174 \text{ psi}$

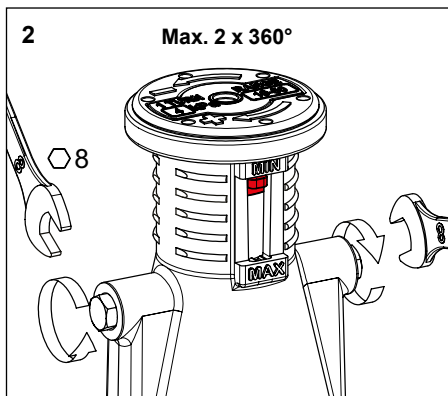
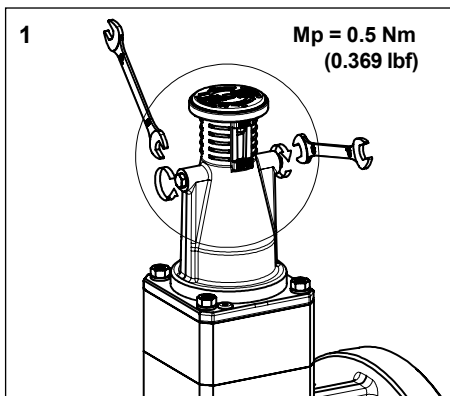
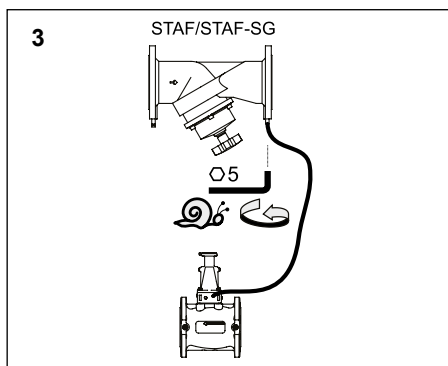
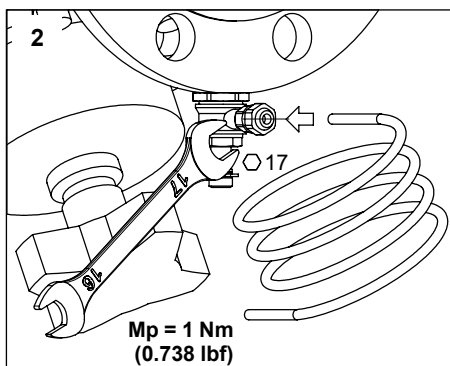
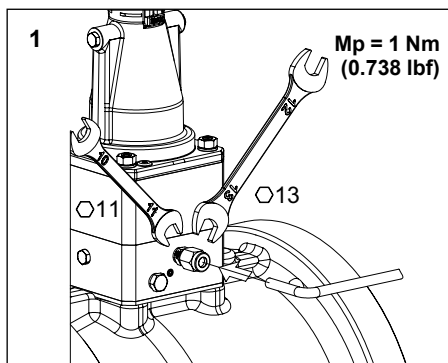
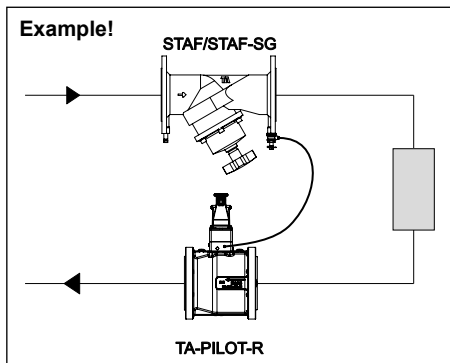


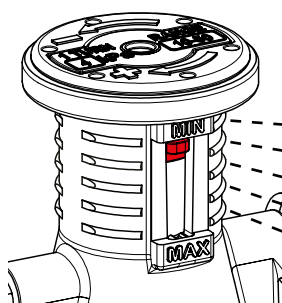
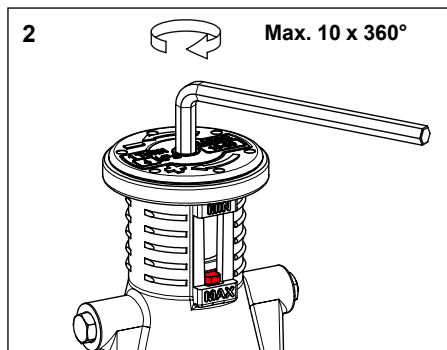
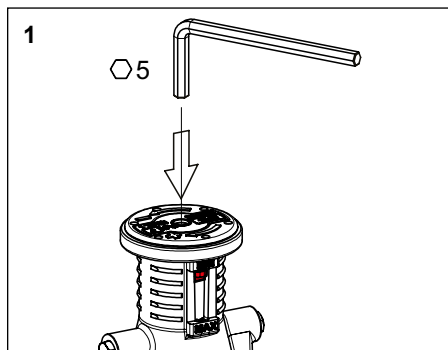
10-50	30-150	80-400	kPa
10	30	80	
1 - 7	4 - 21	12 - 58	psi
1	4	12	



DN	65	80	100	125	150	200
H [mm]	274	281	303	313	331	361
Size	2 1/2"	3"	4"	5"	6"	8"
H [in.]	10.7	11.1	11.9	12.3	13	14.2

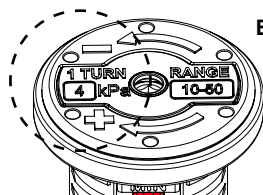
[mm]		[in.]
5		0.197
8		0.315
11		0.433
13		0.512
17		0.669



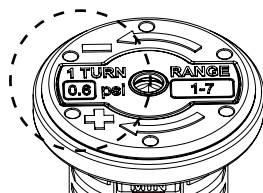


		Settings [kPa] / [psi]					
		10-50 kPa	1-7 psi	30-150 kPa	4-21 psi	80-400 kPa	12-58 psi
Min.	0	10	1	30	4	80	12
-	2.5	20	2.5	60	8.3	160	23.5
-	5.0	30	4	90	12.5	240	35
-	7.5	40	5.5	120	16.8	320	46.5
Max.	10	50	7	150	21	400	58

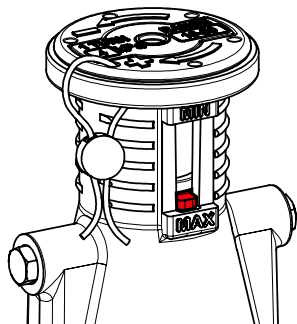
	kPa (psi) / 1 		
	10 - 50 (1 - 7)	30 - 150 (4 - 21)	80 - 400 (12 - 58)
1  =	4 kPa 0.6 psi	12 kPa 1.7 psi	32 kPa 4.6 psi



Example!



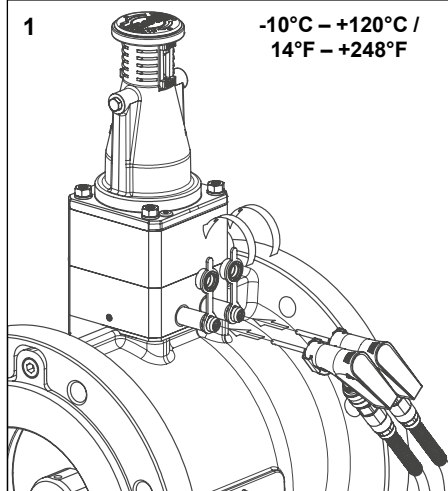
Optional!



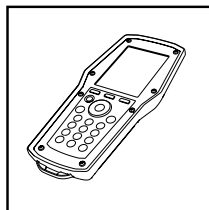


Δp_L

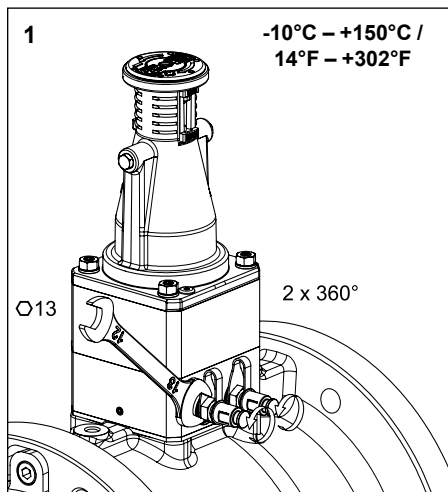
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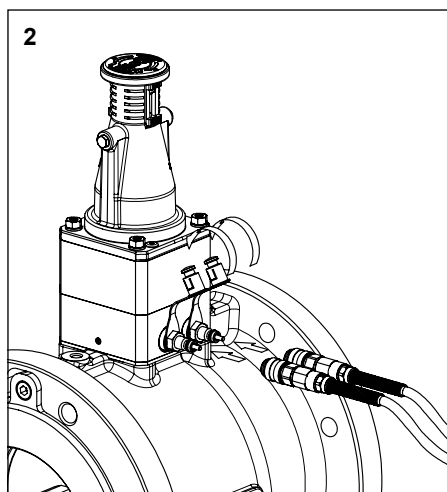
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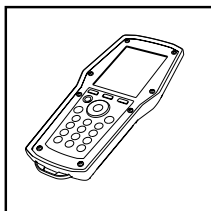
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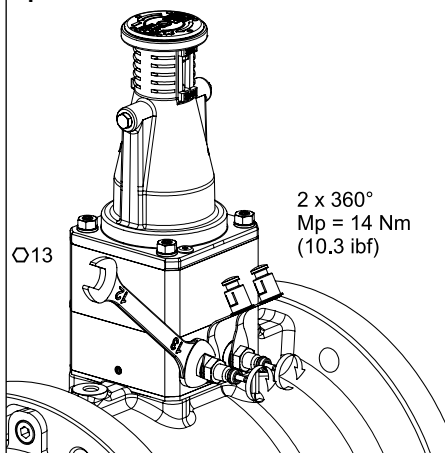
2



3



4



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

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