

regolatore di pressione G1"

G1" pressure regulator



- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
Self-compensated regulation
- Elevata portata
High flow rate
- Grande sensibilità
Sensitive regulation
- Installazione in linea o a pannello; staffe di fissaggio a richiesta (cod. STF 6N; STF 6NA; STF 6NB)
In-line or panel mounting; brackets on request (code STF 6N; STF 6NA; STF 6NB)



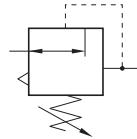
CODICE DI ORDINAZIONE <i>ORDER CODE</i>		REG 6N-10																																																								
Attacchi <i>Ports</i>			G1"																																																							
Temperatura di esercizio <i>Temperature range</i>			max +50°C																																																							
Peso <i>Weight</i>			1.2 kg																																																							
Pressione di alimentazione <i>Inlet pressure range</i>		p_1 min p_1 max	0 bar; 0 MPa 17.5 bar; 1.75 MPa																																																							
Pressione di utilizzo <i>Outlet pressure range</i>		p_2 min p_2 max	0.5 bar; 0.05 MPa 12 bar; 1.2 MPa																																																							
Portata massima <i>Maximum flow rate</i>	$p_1 = 10$ bar; $p_2 = 6.3$ bar; $\Delta p = 1$ bar	Q_{max}	18200 NL/min																																																							
Caratteristiche di portata <i>Flow characteristics</i>																																																										
<p>The graph plots pressure drop p_2 [bar] on the y-axis (0 to 8) against flow rate Q_n [NL/min] on the x-axis (0 to 18000). Four curves are shown for $p_2 = 2$ bar, 4 bar, 6.3 bar, and 8 bar. A dashed line indicates a flow velocity of $V = 25$ m/s.</p> <table border="1"> <caption>Estimated data points from flow characteristic graph</caption> <thead> <tr> <th>Q_n [NL/min]</th> <th>$p_2 = 2$ bar</th> <th>$p_2 = 4$ bar</th> <th>$p_2 = 6.3$ bar</th> <th>$p_2 = 8$ bar</th> </tr> </thead> <tbody> <tr><td>0</td><td>2.0</td><td>3.5</td><td>5.8</td><td>8.0</td></tr> <tr><td>2000</td><td>1.8</td><td>3.2</td><td>5.5</td><td>7.8</td></tr> <tr><td>4000</td><td>2.0</td><td>3.5</td><td>5.8</td><td>7.5</td></tr> <tr><td>6000</td><td>2.2</td><td>3.8</td><td>6.0</td><td>7.0</td></tr> <tr><td>8000</td><td>2.5</td><td>4.0</td><td>6.2</td><td>6.8</td></tr> <tr><td>10000</td><td>2.8</td><td>4.2</td><td>6.4</td><td>6.5</td></tr> <tr><td>12000</td><td>3.0</td><td>4.5</td><td>6.6</td><td>6.2</td></tr> <tr><td>14000</td><td>3.2</td><td>4.8</td><td>6.8</td><td>5.8</td></tr> <tr><td>16000</td><td>3.5</td><td>5.0</td><td>7.0</td><td>5.5</td></tr> <tr><td>18000</td><td>3.8</td><td>5.2</td><td>7.2</td><td>5.2</td></tr> </tbody> </table>				Q_n [NL/min]	$p_2 = 2$ bar	$p_2 = 4$ bar	$p_2 = 6.3$ bar	$p_2 = 8$ bar	0	2.0	3.5	5.8	8.0	2000	1.8	3.2	5.5	7.8	4000	2.0	3.5	5.8	7.5	6000	2.2	3.8	6.0	7.0	8000	2.5	4.0	6.2	6.8	10000	2.8	4.2	6.4	6.5	12000	3.0	4.5	6.6	6.2	14000	3.2	4.8	6.8	5.8	16000	3.5	5.0	7.0	5.5	18000	3.8	5.2	7.2	5.2
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regolatore di pressione G1"

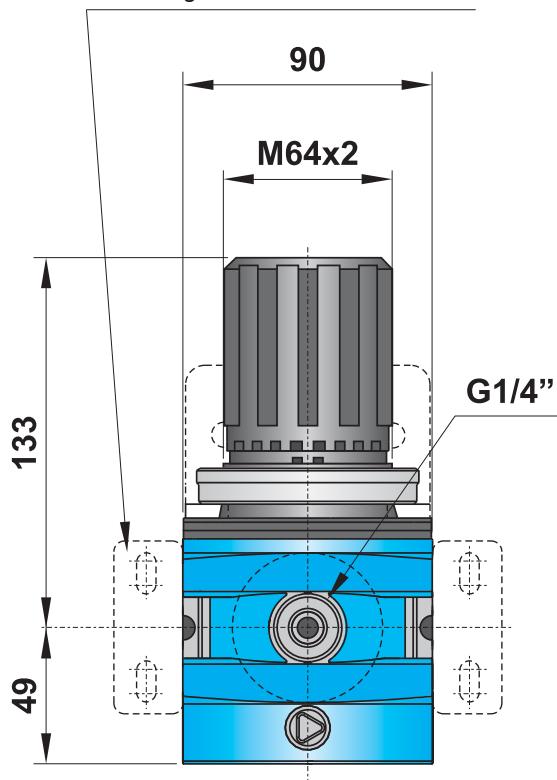
G1" pressure regulator



Le staffe di fissaggio, la ghiera e il manometro devono essere acquistati separatamente.
Mounting brackets, ring and manometer are bought separately.



staffa di fissaggio STF 6N
mounting bracket STF 6N



regolatore di pressione pilotato G1"

piloted G1" pressure regulator



- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
Diaphragm-type pressure regulator with relieving
- Si può pilotare in remoto e può essere installato in posizioni difficilmente accessibili
It can be remotely piloted and therefore installed in difficult reachable positions
- Elevata portata
High flow rate
- Grande sensibilità
Sensitive regulation
- Installazione in linea o a pannello; staffa di fissaggio a richiesta (cod. STF 6N)
In-line or panel mounting; bracket on request (code STF 6N)



CODICE DI ORDINAZIONE <i>ORDER CODE</i>		REGP 6H10
Attacchi <i>Ports</i>		G1"
Temperatura di esercizio <i>Temperature range</i>		max +50°C
Peso <i>Weight</i>		1.2 kg
Pressione di alimentazione <i>Inlet pressure range</i>	p_1 min p_1 max	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo <i>Outlet pressure range</i>	p_2 min p_2 max	0.5 bar; 0.05 MPa 12 bar; 1.2 MPa
Portata massima <i>Maximum flow rate</i>	Q_{\max}	18200 Nl/min
Caratteristiche di portata <i>Flow characteristics</i>		
<p>Calura di pressione / Pressure drop [bar]</p> <p>Portata - Flow [dm³/s]</p>		

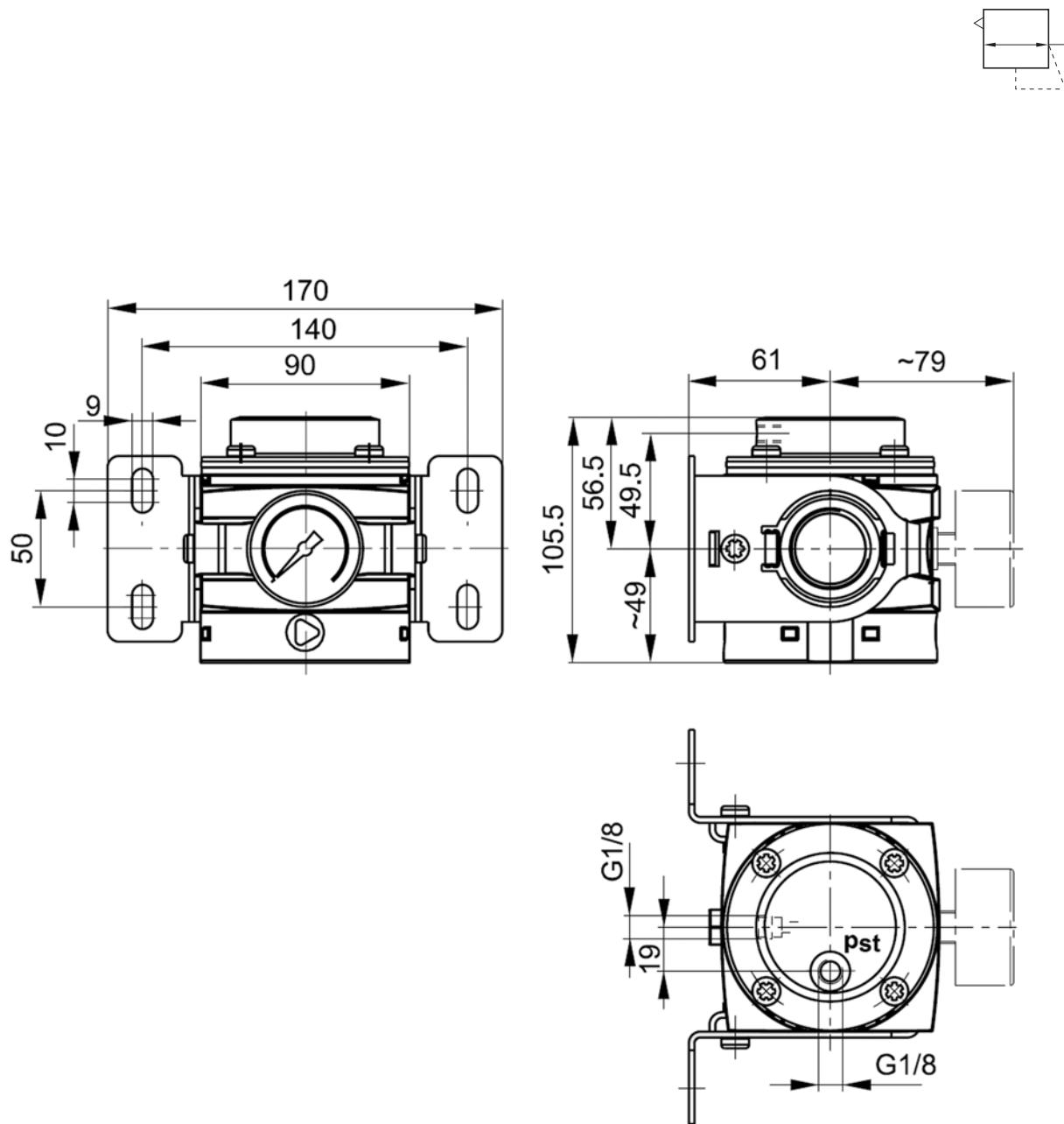
regolatore di pressione pilotato G1"

piloted G1" pressure regulator



La staffa di fissaggio e il manometro devono essere acquistati separatamente.

Mounting bracket and manometer are bought separately.



Materiali

Corpo: alluminio

Molle: INOX

Guarnizioni: NBR

Parti interne: ottone e INOX

Parti esterne: polimeri rinforzati

Materials

Body: aluminium

Springs: stainless steel

Seals: NBR

Internal parts: brass and stainless steel

External parts: reinforced polymer