

壓力比例閥 Proportional Pressure Regulator

QKL-B1T+Air Volume Booster



1、QKL-B1T 壓力比例閥(Proportional Pressure Regulator)

在此 QKL-B1T 提供流量放大器引導信號的壓力。通過控制隔膜頂部的壓力，我們可以控制流量放大器輸出的壓力。

2、流量放大器(Air Volume Booster)

亦稱為圓頂式或先導式壓力調壓閥。它可以是調壓閥或背壓閥的應用。透過搭配流量放大器的使用，能解決壓力比例閥對於氣體或流體的限制，也能滿足大流量及高解析度的需求。

- QKL-B1T Electronic Pressure Regulator

Provides an air pilot signal to the dome of the air volume booster. By controlling pressure to the top of the diaphragm, we control pressure out of the volume booster.

- Air Volume Booster

Also known as a dome-loaded or pilot-operated pressure regulator. This can be a pressure reducing valve or a back pressure valve. We have many volume boosters available that can handle different pressures, medias and flow rates.

產品規格 Specifications

系列 Type	壓力比例閥 QKL-B1T Proportional Pressure Regulator QKL-B1T					
輸入訊號 Input Signal	4-20mA / 0-10V /RS485					
監控信號 Monitor Output	1-5V / 0-10V / 4-20mA					
工作電源 Power Supply	DC24V(≤4W)					
響應時間 Response	0.8S					
系列 Type	流量放大器 Type 600.Type 6100. Air Volume Booster Type 600 .Type 6100					
比數 Output Ratio	1:1	1:2	1:3	1:6	3:1	1:1
型號 Model	600-CA	600-CB	600-CC	600-CD	600-BFU	6100-EA
牙口(NPT) Port	3/8"				1/4"	3/4"
輸入最大壓力(psi) Max. Supply Pressure	250					
最大引導壓力(psi) Max. Signal Pressure	150	75	50	25	150	150
最大輸出壓力(psi) Max. Output Pressure	150	150	150	150	50	150
精度(%)Accuracy	1.0	1.12	1.25	2.0	1.0	1.0
最大流量(L/min @3bar) Max. Flow	910 L					4200L
排氣量(Nl/min) Exhaust capacity	425			283	425	2264

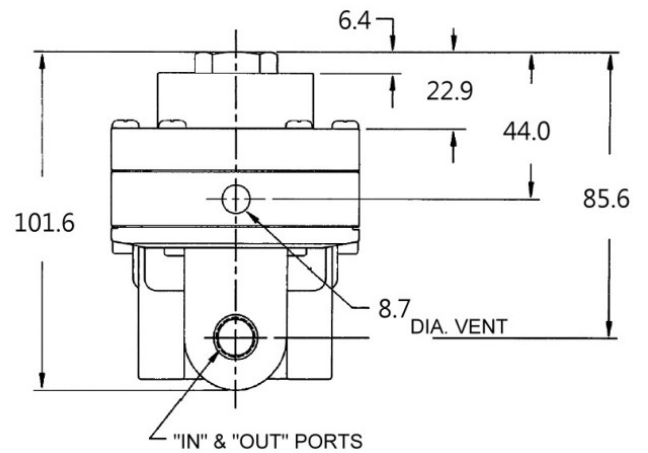
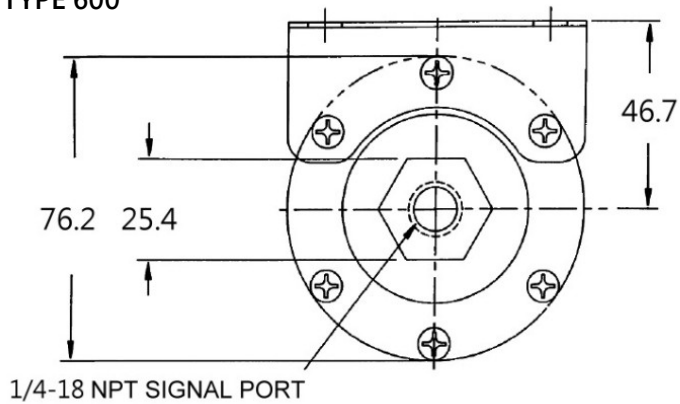
壓力比例閥 Proportional Pressure Regulator

QKL-B1T+Air Volume Booster

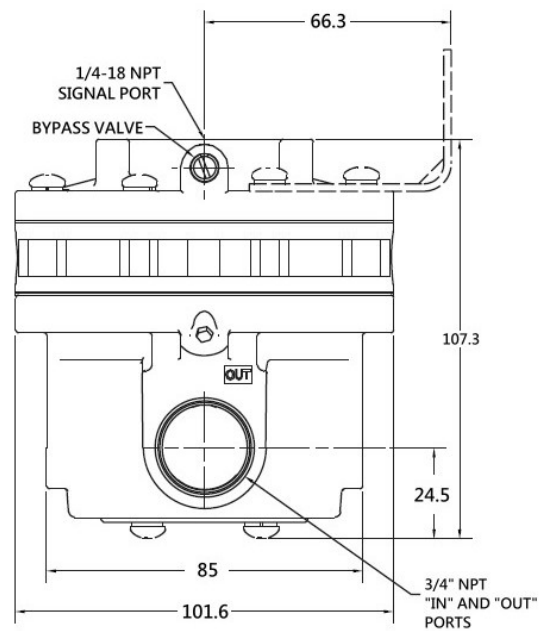
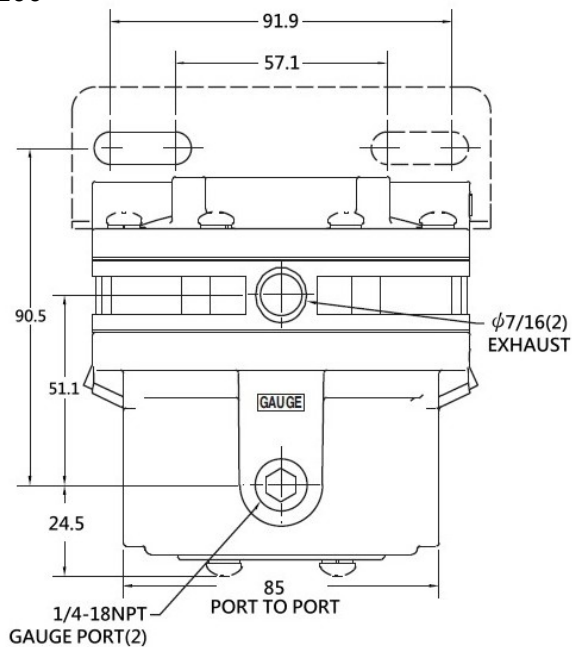


外觀尺寸 Overall Dimension

TYPE 600



TYPE 6100



QKL-B1T

