

DIAPHRAGM PRESSURE REGULATORS

DRV-10

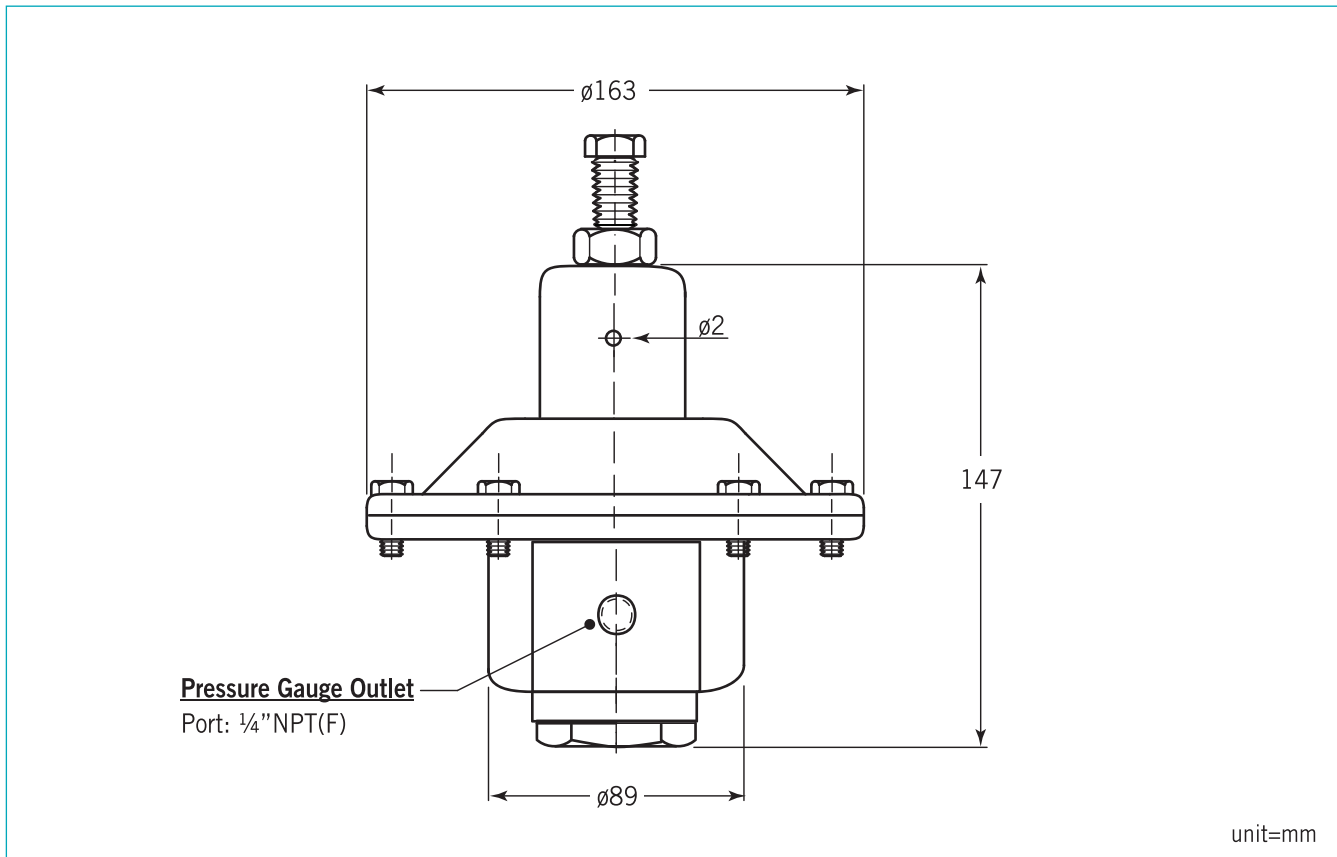
The DRV-10 is a LOW pressure regulating valve that is suitable for pressure control of air, gas, constant outlet pressure between 50 and 6000mmH₂O.

Technical Data

Outlet Pressure 50 to 6000 mmH₂O; Flow Rate 30 to 1000 SLM.
Adjustable Outlet Pressure Range and Max. Flow Rate: please refer to the *Curve Table*
Inlet Pressure: 6 kg/cm² (87 psig)
Body Material: CF8M
Diaphragm Material: NBR + PTFE foil
Seat Material: Viton
Plug & Trim Material: SS316
Operating Temperature: -20°C to +60°C
Process Connection: Inlet: ½" NPT & ½" BSP female;
 Outlet: ¾" NPT & ¾" BSP female available



Dimensions

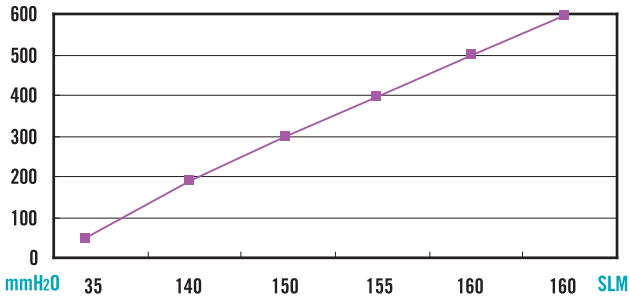


Curve Table: Pressure (mmH₂O) / Flow Rate (SLM)

Fluid: Air

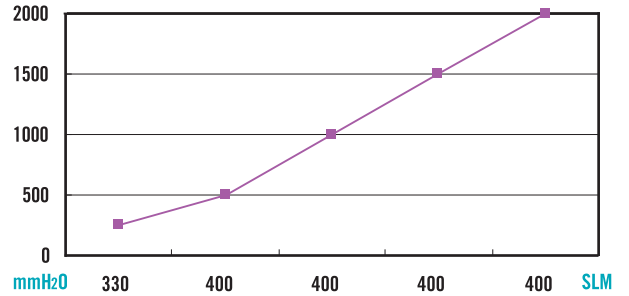
Spring A

Outlet: 50~600 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 2 kg/cm²

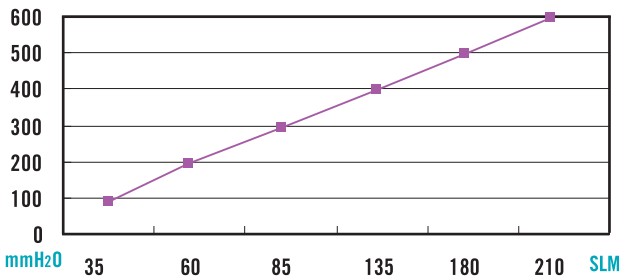


Spring B

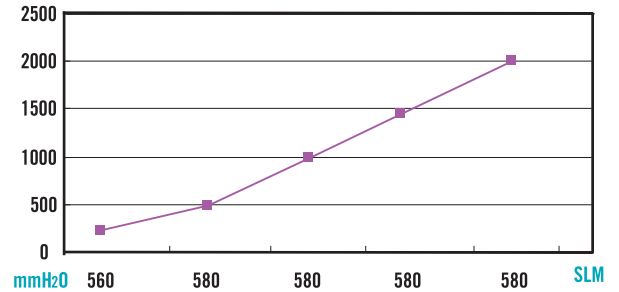
Outlet: 250~2000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 2 kg/cm²



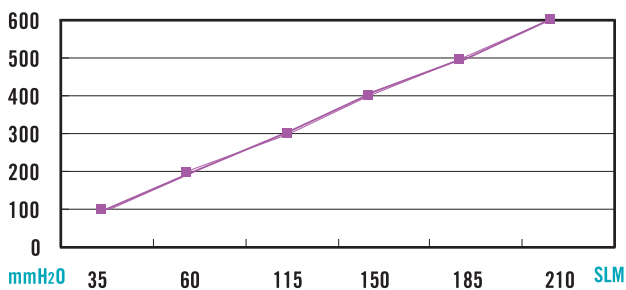
Outlet: 100~600 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 3 kg/cm²



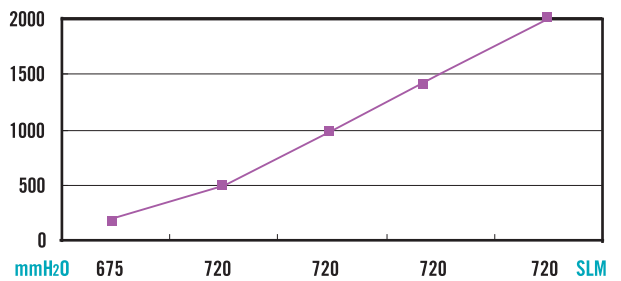
Outlet: 250~2000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 3 kg/cm²



Outlet: 100~600 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 4 kg/cm²



Outlet: 250~2000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 4 kg/cm²

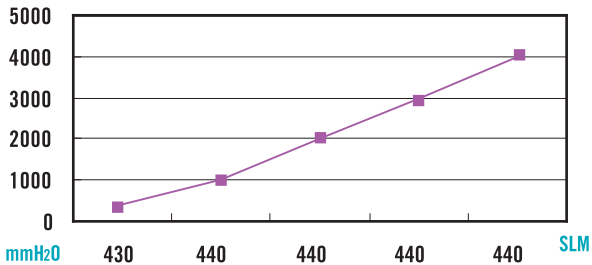


Curve Table: Pressure (mmH₂O) / Flow Rate (SLM)

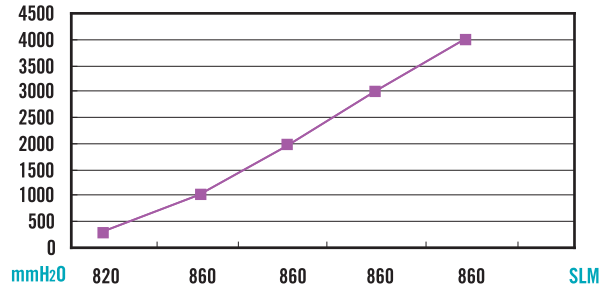
Fluid: Air

Spring C

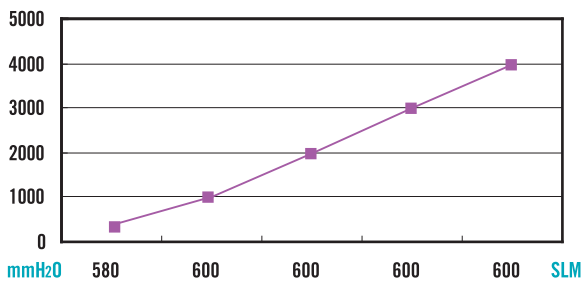
Outlet: 400~4000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 2 kg/cm²



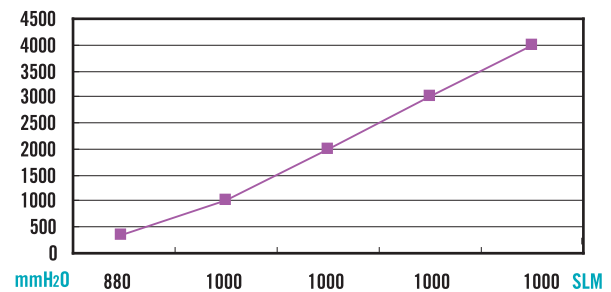
Outlet: 400~4000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 5 kg/cm²



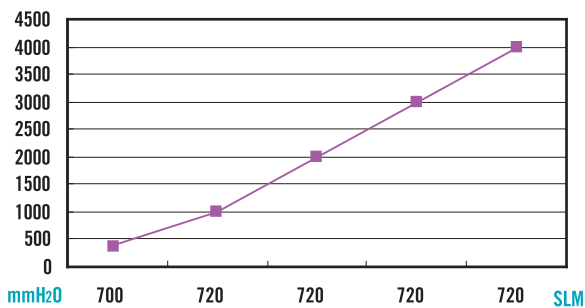
Outlet: 400~4000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 3 kg/cm²



Outlet: 400~4000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 6 kg/cm²



Outlet: 400~4000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 4 kg/cm²

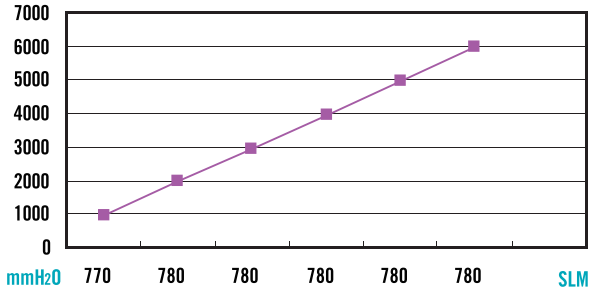


Curve Table: Pressure (mmH₂O) / Flow Rate (SLM)

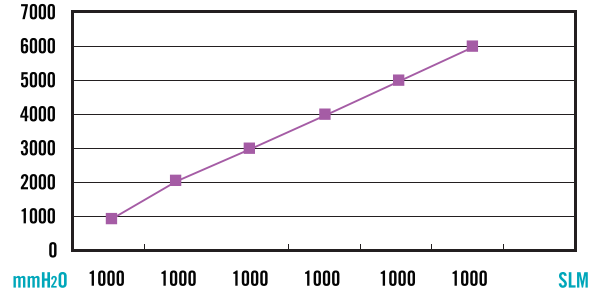
Fluid: Air

Spring D

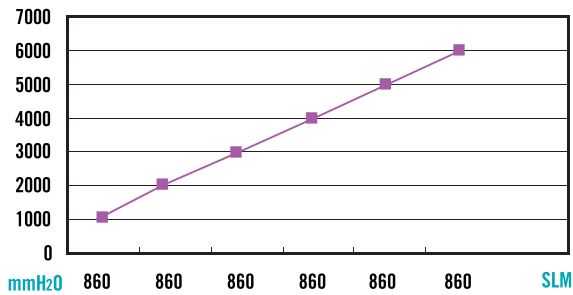
Outlet: 1000~6000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 4 kg/cm²



Outlet: 1000~6000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 6 kg/cm²



Outlet: 1000~6000 mmH₂O
Bore Size: 5.6 mm
Inlet Pressure: 5 kg/cm²



WWW.NEW-FLOW.COM • TEL: 886-7-8135500 • FAX: 886-7-8225588 • Email: info@new-flow.com

Ordering Information

↓	DRV-10	Code	Instrument Connection (Female) Inlet x Outlet
			(A) ½"NPT(F) x ¾"NPT(F) (B) ½"BSP(F) x ¾"BSP(F)
		Code	Diaphragm Material
		A	NBR + PTFE foil
			Code
			(A) 50~600 mmH ₂ O (B) 250~2000 mmH ₂ O (C) 400~4000 mmH ₂ O (D) 1000~6000 mmH ₂ O
		Code	Body Material
		A	CF8M
	DRV-10		Complete Ordering Code