

PRESSURE REDUCING REGULATOR

PRU400

Technical Data

For using gases and liquids

Inlet pressure: 1.5 MPa maximum

Adjustable outlet pressure in ranges: 0.05~0.5 MPa (0.5~5 kg/cm²);
0.2~1 MPa (2~10 kg/cm²)
0.2~0.7 MPa (2~7 kg/cm²)

Operating temperature: -5 to 60°C

Diaphragm material:

¾" to 1": Viton with PTFE lining for 0.5~5 kg/cm²; SS316L for 2~10 kg/cm²

1½" to 3": Neoprene+Nylon/Teflon lining for 0.5~5 kg/cm², 2~7 kg/cm², 2~10 kg/cm²

Body material: SS316

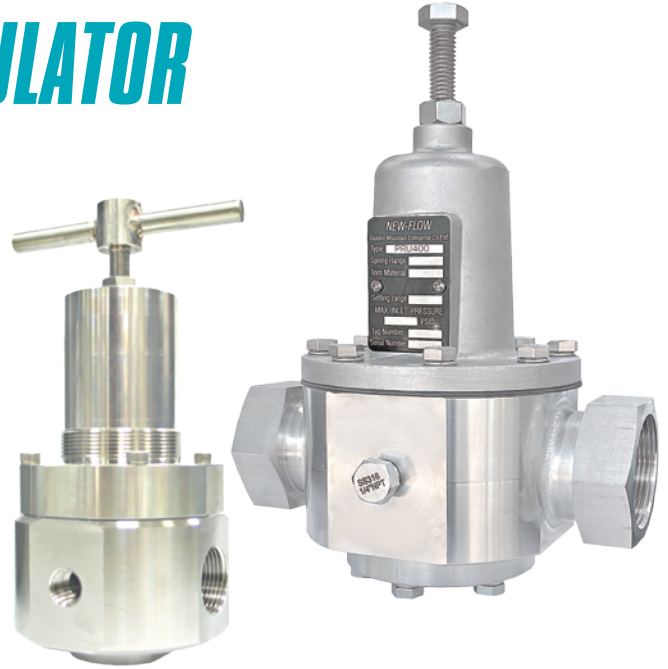
Seat material: Viton

Handle wheel material: SS

Effective flow area: 13 mm

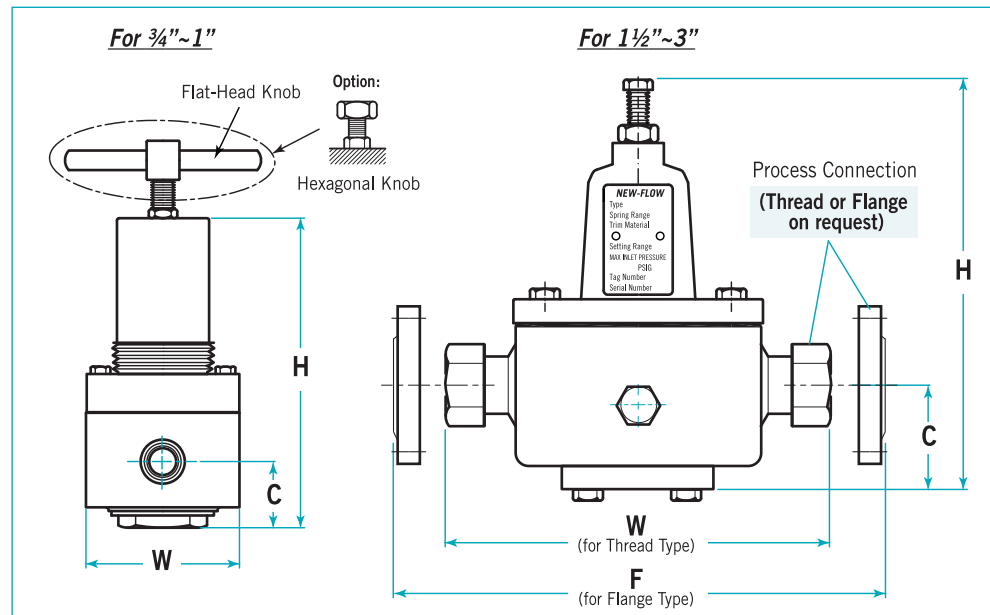
Process connection: Thread type: ¾", 1", 1½", 2" NPT female;
Flange type: ¾", 1", 1½", 2" and 3" available

Two gauge connection ports are: ¼" NPT female



Size	¾" & 1"	¾" & 1"	1½"	2"	3"
CV	2.5	1.5	5	13	24
Diaphragm Material	viton with PTFE	SS316L	Neoprene+Nylon/Teflon lining	Neoprene+Nylon/Teflon lining	Neoprene+Nylon/Teflon lining

Dimensions

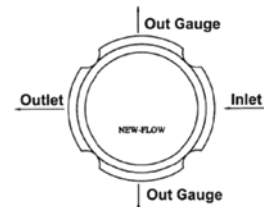


Dimensions Data-mm

SIZE	W	H	C	F
¾"	82	147	34	180
1"	82	147	34	180
1½"	190	235	51	230
2"	250	305	62	260
3"	-	520	84	400

(Note.: 3" is unavailable for thread type.)

Standard Port Configuration



Ordering Information

PRU400	Code	Body & Knob material
	1	316 stainless steel
		Code Knob type
	A	Metal (Flat-Head)
	B	Metal (Hexagonal)
		Code Max. inlet pressure
	1	1.5 MPa (15 kg/cm ²)
		Code Outlet pressure range
	1	0.05 ~ 0.5 MPa (0.5~5 kg/cm ²)
	2	0.2 ~ 1 MPa (2~10 kg/cm ²)
	3	0.2 ~ 0.7 MPa (2~7 kg/cm ²)
		Code Process Connection Size (Female thread & Flange type on request)
		(A) ¾" (B) 1" (C) 1½" (D) 2" (E) 3" (3" is unavailable for thread type.)
	+	(N) NPT(F) (15) 150#RF (30) 300#RF (O) Other

PRU400 Complete Ordering Code