

GP 401

General Purpose - Brass Regulator



Model GP 401-125-540 shown

A brass single stage regulator with a neoprene diaphragm for general purpose laboratory applications where a slight rise in delivery pressure from a full to near empty cylinder can be tolerated. The GP 401 is not recommended for high purity applications which may be sensitive to contamination due to elastomeric components. The Model GP 401 is suitable for:

- ▶ Non-corrosive industrial grade gases
- ▶ Purging
- ▶ Pressure testing
- ▶ Gas shielding

FEATURES

- ▣ 0-15, 0-50, 0-125 and 0-250 PSIG delivery pressure
- ▣ Neoprene diaphragm for greater sensitivity
- ▣ One-piece encapsulated seat design, to protect the seat from particulate contamination
- ▣ Tamper-proof, self reseating internal safety valve
- ▣ 2" dual scale brass gauges (psi/kPa)
- ▣ Conforms to CGA E-4 standard for gas pressure regulators

MATERIALS

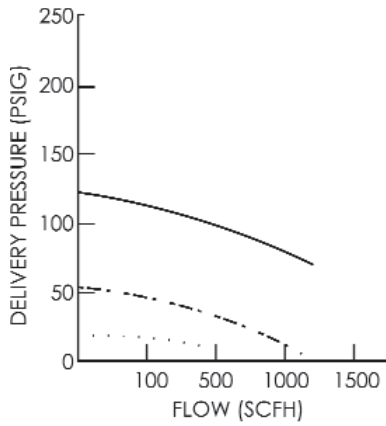
BodyBrass
BonnetPainted Die Cast
DiaphragmNeoprene
NozzleBrass
SeatPTFE Teflon
FilterNickel-Plated Sintered Bronze - 10 Micron
Seat Return SpringPH 17-7 Stainless Steel
Adjusting KnobABS Plastic
Outlet1/4" MNPT Brass

GP 401 ORDERING INFORMATION

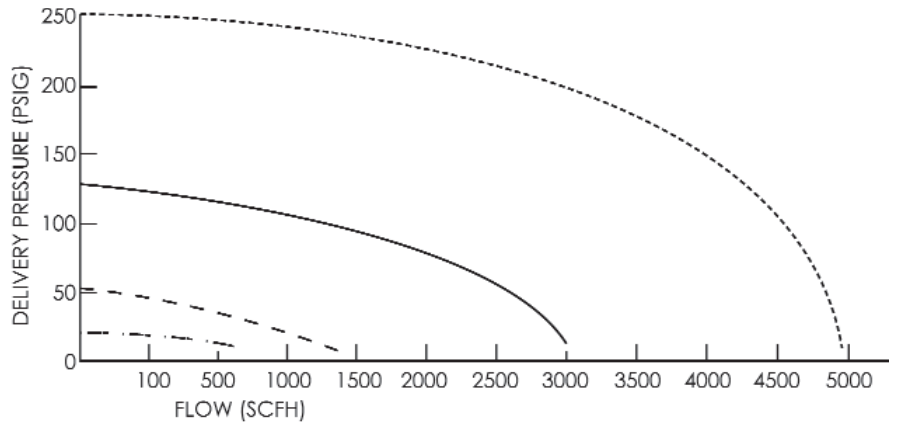
PART NO.	MODEL NO.	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG
3001319	GP401-15-300	Acetylene	500	0-15	30	400
3001320	GP401-15-510	Acet./Fuel Gas	500	0-15	30	400
3001321	GP401-50-510P	Propane	500	0-50	60	400
3001322	GP401-50-540		3000	0-50	60	4000
3001323	GP401-125-540	Oxygen	3000	0-125	150	4000
3001324	GP401-250-540		3000	0-250	400	4000
3001325	GP401-15-580		3000	0-15	30	4000
3001326	GP401-50-580	Ar, He, N ₂	3000	0-50	60	4000
3001327	GP401-125-580		3000	0-125	150	4000
3001328	GP401-250-580		3000	0-250	400	4000
3001339	GP401-15-320		3000	0-15	30	4000
3001329	GP401-50-320		3000	0-50	60	4000
3001330	GP401-125-320	Carbon Dioxide	3000	0-125	150	4000
3001331	GP401-250-320		3000	0-250	400	4000
3001332	GP401-15-350		3000	0-15	30	4000
3001333	GP401-50-350		3000	0-50	60	4000
3001334	GP401-125-350	H ₂ , Methane	3000	0-125	150	4000
3001335	GP401-250-350		3000	0-250	400	4000
3001340	GP401-15-590		3000	0-15	30	4000
3001341	GP401-50-590		3000	0-50	60	4000
3001342	GP401-125-590	Air	3000	0-125	150	4000
3001343	GP401-250-590		3000	0-250	400	4000

GP 401 TECHNICAL SPECIFICATIONS

FLOW DATA



15 @ 200 PSIG INLET
 50 @ 200 PSIG INLET - - - -
 125 @ 200 PSIG INLET ————



15 @ 2000 PSIG INLET ······
 50 @ 2000 PSIG INLET - - - -
 125 @ 2000 PSIG INLET ————
 250 @ 2000 PSIG INLET - - - -

SPECIFICATIONS

- ▶ C_v : .17
- ▶ Pressure Regulation: 1.3 PSIG/100 PSIG
- ▶ Weight: 3.5 Lbs.

DIMENSIONS

