■ HPI 300TP

High purity - bench mounted point of use

Model HPI 300TP is a bench mounted point of use regulator available in chrome plated brass (HPI 300TPC) or stainless steel (HPI 300TPS) barstock for pressure control of non-corrosive gases.

APPLICATIONS:

- High purity gas applications
- Research sample systems gases
- Gas chromatography
- Calibration gas
- Process analyzer gases

FEATURES:

- Recommended for non-corrosive gases purity levels up to grade 6.0 (99.9999)
- Ready to install bench mounting panel, modular design
- 1 inlet port configuration bottom
- 1 outlet port configuration bottom
- 316L stainless steel diaphragm eliminates contamination from diffusion or outgassing
- Diaphragm inlet shut-off valves
- HPI 300TPC chrome plated body, bonnet and fittings
- HPI 300TPS 316L stainless steel body, bonnet and fittings
- 1x10-9 mbar I/s He inboard helium leak rate to maintain gas purity levels
- Inlet / outlet 1/4" FNPT
- Maximum inlet pressure 60 bar (870 psig)
- Cleaned for oxygen service

TECHNICAL DATA:

Regulator type	Single stage
Purity	Up to 6.0
Inlet pressure	Max. 60 bar (780 psi)
Outlet pressure	2/4/10 bar (29/58/145 psi) 20 bar (290 psig)
Flow capacity	Cv = 0.12
Oxygen use	Suitable

MATERIALS:

Body, bonnet	316L stainless steel barstock or chrome plated brass barstock
Diaphragm (regulator)	Hastelloy®*C276
Diaphragm (valve)	Hastelloy®*C276
Nozzle	316L stainless steel
Seat	PEEK
Seals 0-ring	Viton®** (FKM)
Filter	SS 316L
Adjusting Knob	ABS plastic
Filter	SS 316L



^{**} Viton® is a registered trademark of The Chemours Company



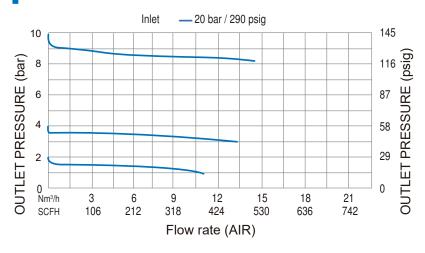
Model shown with additional accessories to be ordered separately

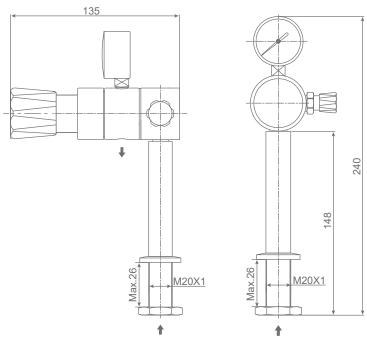


SPECIFICATIONS:

Inlet / outlet ports	1/4" FNPT
Weight	1,6 kg
Temperature range	-30°C to +74°C

FLOW CHART: HPI 300TP





ORDERING INFORMATION:

MODEL	MATERIAL	OUTLET PRESSURE		INLET CONNECTION		OUTLET CONFIGURATION		GAS TYPE
HPI 300TPC	Chrome plated brass	0 - 2 bar 0 - 29 psig	029	1/4" FNPT	000	1/4" FNPT	Α	Please specify
HPI 300TPS	Stainless steel	0 - 4 bar 0 - 58 psig	058	1/4" tube fitting	002	1/4" tube fitting	D	
		0 - 10 bar 0 - 145 psig	145	6 mm tube fitting	003	1/8" tube fitting	E	
						6 mm tube fitting	F	
For example:								

145

000



HPI 300TPC

 N_2