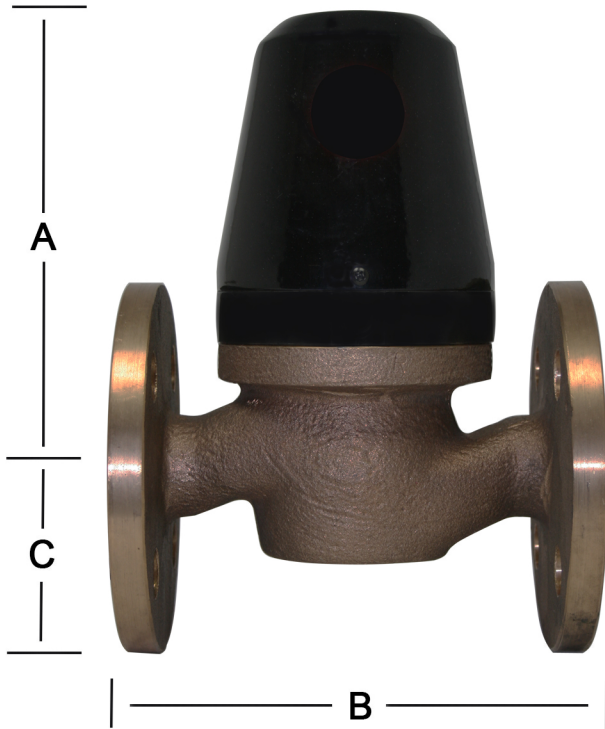


## A005 Pilot Operated Pressure Reducing Valve



### SPECIFICATION

- Suitable for: Steam, Water, Air, Gases
- Sizes: 15mm to 150mm
- Connections: Screwed BSPP Female (upto 50mm) or Flanged (All sizes)
- Materials: Cast Iron, Carbon Steel, Bronze, Stainless Steel
- Maximum Inlet Pressure: 35 Barg (Cold)
- Minimum Outlet Pressure: 0.3 Barg
- Minimum Pressure Drop: 1.5 Barg
- Maximum Outlet Pressure: 12.5 Barg (Standard Top) or 25 Barg (High Pressure Top)
- Maximum Temperature: 220 deg C
- Pressure Control:  $\pm 1\%$
- Full Bore and Low Flow Trims

VALVE SIZE (mm)	15	20	25	32	40	50	65	80	100	150
Cv - full bore	2.7	5.5	9.5	12.2	19	34	55	68	125	255
Cv - low flow	1.4	2.6	4.8	6.1	9.4	17	27.5	33	62.5	127
A - C/L to top	165	165	165	165	187	187	241	241	267	330
B - Face to face	171	171	171	171	190	229	292	292	356	445
C - C/L to bottom	64	64	64	64	79	83	95	95	127	159
Finished weight (kg)	6	7	8	9	11	13	35	42	57	130

Ask for details of valves over 150mm.

SPRING RANGE	12.5 - 17 bar	Yellow
0.3 - 4 bar	Black	Not in iron yoke
3.5 - 9 bar	Red	17 - 25 bar Blue
8 - 12.5 bar	Green	HP top

REFERENCE	M1	M2	M3	M4	M5	M7
Title	Iron std	Steel std	Bronze std	Bronze N. Sea spec	Steel HP copper free	Stainless all
Applications (advised)	Steam, air and water seawater and many other fluids			Seawater and saline site	Ammonia chemical attack HP air	Clean rooms food industry
Body	Iron	Steel	Bronze	Bronze	Steel	Stainless
Wetted parts	Bronze, stainless and oxide protected steel (CP)			Bronze	Steel / stainless	Stainless
External parts	Steel	Steel	Steel CP	Bronze	Steel	Stainless

