



683
Bronze
Pressure Reducing Valve
For Air & Neutral Gases
Direct Acting
BSPP Threaded



The 683 is a sturdy pressure reducing valve which is particularly suitable for controlling air, neutral gasses applications up to 95°C in an marine environment and can also be used in commercial and industrial plants.

The 683 valve has ¼" BSP pressure gauge ports on both sides so that the pressure can be accurately monitored and adjusted.

Approvals, Features & Benefits

- High pressure up to 50 bar
- IMPA coded for marine duty
- Direct acting
- Quiet operation
- Economical & efficient
- Pressure gauge port

Pressure & Temperature

Max upstream pressure:-
50 bar (DN32 : 30 bar)
Downstream pressure range:-
1.5 to 10 bar (Max outlet pressure reduction ratio 10:1)
Temperature range:-
-10°C to 95°C

DN	10	15	20	25	32
A	73	73	70	87	100
B	22	22	30	35	43
C	100	100	120	165	175
D	10	15	20	25	32
G (BSP)	¾	½	¾	1	1¼
Gauge Port (BSP)	¼	¼	¼	¼	¼
Weight Kg	0.5	0.5	0.8	1.4	2.0

MATERIALS

Inlet Body	Bronze (CC499K)
Outlet Body	Bronze (CC499K)
Internal Parts	Brass (CW617N)
Spring	Steel
Seals	NBR

OPTIONS

Degreased	For oxygen applications
Nickel Plated Finish	
Pressure Gauges	63mm dial ¼" BSP connection - various pressure ranges

Air Capacities

