



BSP/METRIC

4

FLOW CONTROL VALVES & ACCESSORIES

BSP/METRIC

Series 28 Needle Valve - BSP/Metric

BSP/Metric — Needle valve Series 28

These are bidirectional control valves made entirely of nickel-plated brass OT58 (brass), with Buna-N seals and a plastic control knob. They are suitable for regulating compressed air, water or mineral oil.

This chapter is a general overview of the Flow Control Valve product line. For details of product data and dimensions, please see the *Fittings and Flow Control Valves Catalog*.



TECHNICAL SPECIFICATIONS

Construction	cone-type
Mounting	by through-holes in body or console
Materials	Nickel-plated brass, plastic control knob, Buna-N seals
Ports	G1/8, G1/4, G3/8, G1/2
Installation	as required
Operating temperature	32°F - 175°F (with dry air necessary -4°F)

PNEUMATIC DATA

Operating pressure	0 — 10 bar (0 - 145 psi)
Nominal flowrate	see table

CONTROL VALVE FLOWRATE

(inlet pressure: 6 bar)

DIMENSIONS

Model	WITH ΔP 1 bar	AS Free flow
2810 1/8	415 NI/min	590 NI/min
2820 1/8	400 NI/min	640 NI/min
2830 1/8	415 NI/min	635 NI/min
2810 1/4	508 NI/min	740 NI/min
2820 1/4	530 NI/min	840 NI/min
2830 1/4	530 NI/min	850 NI/min
2810 3/8	620 NI/min	900 NI/min
2820 3/8	1415 NI/min	1990 NI/min
2830 3/8	1415 NI/min	1980 NI/min
2810 1/2	1540 NI/min	2080 NI/min
2820 1/2	1520 NI/min	2150 NI/min
2830 1/2	1520 NI/min	2100 NI/min



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4**FLOW CONTROL VALVES & ACCESSORIES****BSP/METRIC****Valve Mod. 2810... (Needle Orifice)****Mod.**

2810 1/8

2810 1/4

2810 3/8

2810 1/2

**Valve Mod. 2820... (Needle Orifice)****Mod.**

2820 1/8

2820 1/4

2820 3/8

2820 1/2

**Valve Mod. 2830... (Needle Orifice)****Mod.**

2830 1/8

2830 1/4

2830 3/8

2830 1/2

**Valve Mod. 2819... (Needle Orifice)****Mod.**

2819 1/8

2819 1/4

**Valve Mod. 2829... (Needle Orifice)****Mod.**

2829 1/8

2829 1/4

**Valve Mod. 2839... (Needle Orifice)****Mod.**

2839 1/8

2839 1/4

2839 3/8

2839 1/2

