



Valves | Automatic Water Control Valves | **Valves, Water Pressure Reducing**

BT 5920

Product Description

Model No	Valve Size		End Connection	Rated Working Pressure		Flow Range		Outlet Pressure Range		Remarks
	in	(mm)		psi	(kPa)	gpm	(m ³ /hr)	psi	(kPa)	
BT 5920	2	(50)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	40-200	(9-45)	65-165	(450-1140)	a, b, c, d
BT 5920	2 1/2	(65)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	50-250	(11-57)	65-165	(450-1140)	a, b, c, d
BT 5920	3	(80)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	80-400	(18-91)	65-165	(450-1140)	a, b, c, d
BT 5920	4	(100)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	150-750	(34-170)	65-165	(450-1140)	a, b, c, d
BT 5920	5	(125)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	215-1130	(49-257)	65-165	(450-1140)	a, b, c, e
BT 5920	6	(150)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	279-1395	(63-317)	65-165	(450-1140)	a, b, c, e
BT 5920	8	(200)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	497-1500	(113-341)	65-165	(450-1140)	a, b, c, e

Model No	Valve Size		End Connection	Rated Working Pressure		Flow Range		Outlet Pressure Range		Remarks
	in	(mm)		psi	(kPa)	gpm	(m³/hr)	psi	(kPa)	
BT 5920	10	(250)	Grooved x Grooved Flanged x Flanged Grooved x Flanged	300	(2065)	855-4275	(194-971)	65-165	(450-1140)	a, b, c, e

Remarks:

- a. Must be installed with an FM Approved pressure relief valve size ½ inch or larger
- b. Approved when supplied with a main control valve body in ASTM A536 ductile iron
- c. Approved when supplied with a pilot valve body in ASTM B148 nickel aluminum bronze C95800 or SS304 stainless steel
- d. Must maintain a 10 psi (69 kPa) or greater differential between inlet and outlet pressures for proper operation
- e. Must maintain a 15 psi (103 kPa) or greater differential between inlet and outlet pressures for proper operation

Details

Category	Valves, Water Pressure Reducing
Class of Work	1362 - Water Pressure Reduc Valves
Approval Standard	FM 1362 - Pressure Reducing Valves
Certification Type	FM Approved
Listing Country	United Kingdom

Company

BLAZETECH SYSTEMS LTD
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