

Baumer Valves manufactures a variety of Instrument Double Block and Bleed (DBB) Valves for the Oil, Gas and Petrochemical industries. These Valves feature either Needle or Ball Valves depending on our customers requirements, and are suitable up to 6,000 psi. All of our Instrument Double Block and Bleed (DBB) Valves are machined from a bar stock body and are capable of withstanding temperatures up to 200°C, with an added extra taking this up to 240°C on customer request.

### Product Overview

Our Instrument Double Block and Bleed (DBB) Valves are suitable for pressures up to 6,000 psi, with a standard maximum temperature rating of 240 °C. However, our IN type Instrument Double Block and Bleed (DBB) Valves are capable of withstanding temperatures up to 540 °C as an additional option.

**IN Type** - Maximum Pressure 6,000psi (10,000psi available as an option). Maximum Temperature 240°C (540°C available as an option). Comes with PTFE Seals and contains a Metal to metal seated needle valve. Heavy duty Fire safe versions are available.

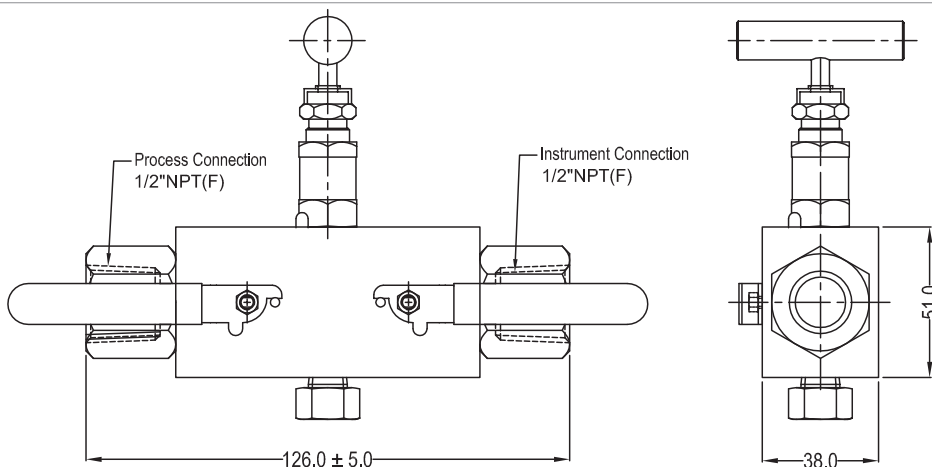
**ID Type** - Maximum Pressure 6,000psi (10,000psi available as an option). Maximum Temperature 200°C (240°C available as an option). Comes with a Metal to metal seated needle valve and Soft seated ball valve. Ideal for double block and bleed for an instrument.

**L Type** - Maximum Pressure 6000psi, Maximum Temperature 200°C and contains a soft seated ball valve. Ball valve bore size 10mm, 14mm and 20mm. Ideal for injection, sampling and double block and bleed for an instrument.

**T Type** - Maximum Pressure 6000psi, Maximum Temperature 200°C and contains a soft seated ball valve. Ball valve bore size 10mm & 14mm. Ideal for compact injection, sampling and double block and bleed for an instrument.

### Specifications - Standard Version

Body & stem	: SS 316
'T' bar handle	: SS 304
Maximum working pressure	: 6000 PSI
Maximum working temperature	: 200°C (240°C available on request)
Packing	: PTFE
Valve type	: Metal to metal seated needle valve or soft seated ball valve
Spindle	: Anti-blowout spindle
Types available	: ID type, IN type, L type and T type



Notes : • Drawings are not to scale. • All Dimensions are in mm.

**How To Order**

Body Material	Stem Type	Stem Packing	Size = Inlet x Outlet	Connections	Threads
C = Carbon Steel	CT	P = PTFE	24 = 1/4" x 1/4"	FF = Female x Female	N = NPT (ANSI B 1.20.1)
C = SS 316	DS	G = Grafoil	33 = 3/8" x 3/8"	SW = Socket weld	P = BSPP (BS 2779, ISO 228/1)
S4 = SS 304			44 = 1/2" x 1/2"		B = BSPT (BS 21, ISO 7/1)
SL = SS 316L			66 = 3/4" x 3/4"		
M4 = Monel 400					
M5 = Monel 500					
H = Hastelloy C					
S6 = SS 316 / SS 316L (Dual)					

**Options**

**TF** : Compliance to NACE standard  
**SG** : For Oxygen service, valves are supplied cleaned, degreased and suitably packed.  
**GH** : Material test certificate\*  
**GO** : Hydro test certificate

\* Material test certificate will be provided for wetted parts only with chemical composition testing. for others, please consult factory.

**Example**

**To place an order simply refer to the codes in the table.**

Valve Type : Body Material + Stem Type + Stem Packing + Size + Connections + Threads + Options

DBB + S + CT + P + 44 + FF + N = DBB . S . CT . P . 44 . FF . N . Options

Note :

- The weld prepared types are available with female plain end - suitable for socket weld.
- Anti-tamper bonnet - special design on request with locking arrangement if desired.

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing .  
 Modifications may take place and materials specified may be replaced by others without prior notice.