

Product Data Sheet

ID Type Barstock DBB Valve Pipe to Pipe



Machined from a barstock body, this valve features two inline ball pattern primary and secondary isolating valves and a needle vent valve.

Ideal for double block and bleed for an instrument.

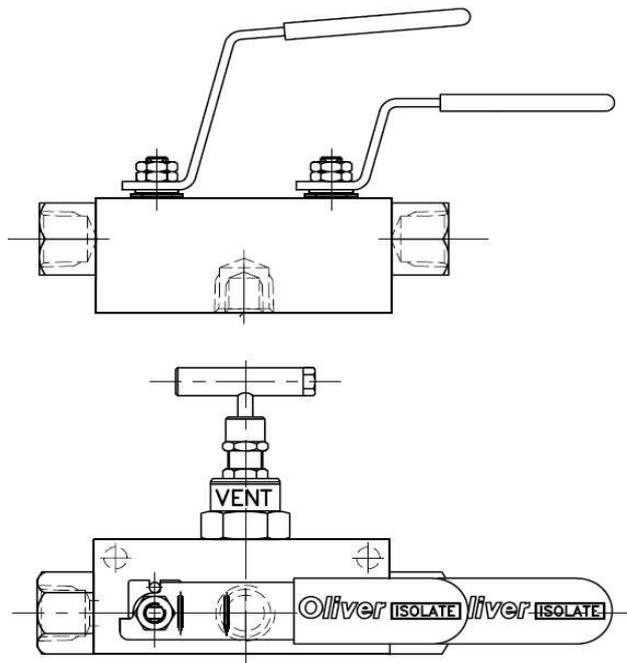
Key Features of the Oliver ID Type Barstock DBB Valve Pipe to Pipe

- Compact barstock double block and bleed valve
- Non-rotating, anti-galling tip
- Anti-blow out spindle
- Each valve traceable by unique number

Standard Specification

- Maximum Pressure 6,000psi (10,000psi available as an option)
- Maximum Temperature 200°C (240°C available as an option)
- Metal to metal seated needle valve
- Soft seated ball valve

General Arrangement Drawing



Ordering Code

(Typical example) → Model / Type	DBB/ID	/	S	/	X	/	50F/50F/50F	/	FS/HL/NA
Barstock, 2 ball valves and a needle valve vent									
Material									
S - 316 Stainless steel (BSEN 10088 1.4404) C - Carbon steel (forged barstock) ASTM A350 LF2 Other materials available on request									
Bore									
X - 10mm supplied with PTFE/KEL-F Seats (200°C max) Y - 14mm supplied with PEEK Seats (240°C max) Z - 20mm supplied with PEEK Seats (240°C max)									
Connectors (Process / Instrument / Vent)									
Connection size 25 - 1/4" 38 - 3/8" 50 - 1/2" (std process/instrument & vent) 75 - 3/4" 10 - 1" Note: 1/2" is maximum vent size on all connections									
Process connection (NPT standard) BP - BSP parallel pipe thread BS2779-1986 BT - BSP taper pipe thread BS21 - 1985 Connection type F - Female thread (std instrument/vent) M - Male thread (available as an option)									
Options									
HL - Handle locking NA - NACE MR-01-75 (latest revision) FS - Firesafe to BS 6755 Part 2, supplied with Graphite foil seals HP - 10,000 psi maximum pressure rating PP - Pressure plug (usually follows a connection e.g. 50F-PP)									

Rev 1.3

Product Data Sheet

**IN Type Barstock DBB Valve
Pipe to Pipe**



Machined from a barstock body, this valve features three needle valves.

Ideal for double block and bleed isolation of an instrument.

Heavy-duty Firesafe versions are available.

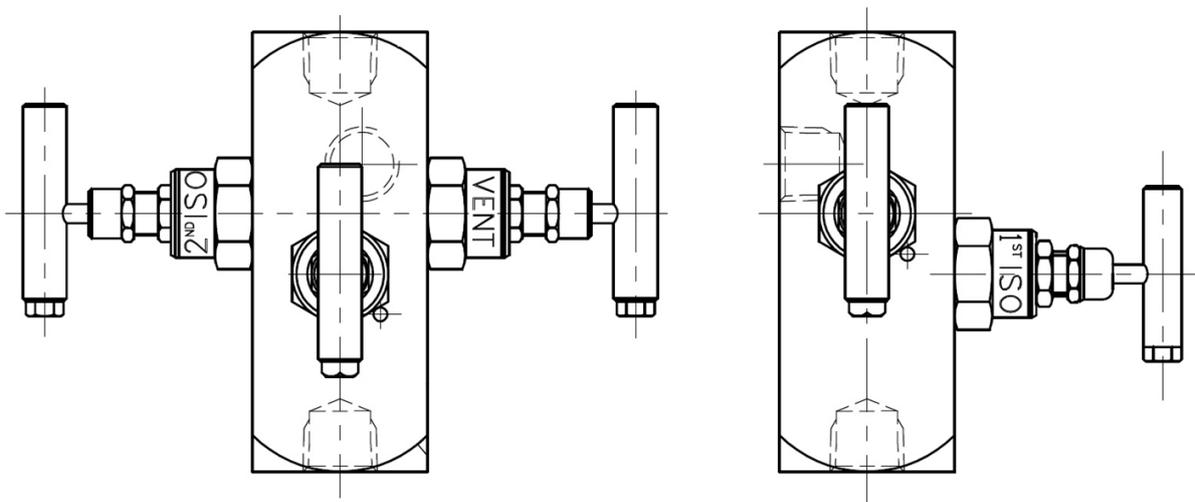
Key Features of the Oliver IN Type Barstock DBB Valve Pipe to Pipe

- Compact barstock double block and bleed valve
- Non-rotating, anti-galling tip
- Each valve traceable by unique number

Standard Specification

- Maximum Pressure 6,000psi (10,000psi available as an option)
- Maximum Temperature 240°C (540°C available as an option)
- PTFE Seals
- Metal to metal seated needle valve
- Bore 5.4mm diameter

General Arrangement Drawing (Heavy Duty version shown)



Ordering Code

(Typical example) →

DBB/IN

/

S

/

50F/50F/50F

/

FS/HL/NA

Model / Type

Barstock, 3 needle valves

Material

S - 316 Stainless steel BSEN 10088 1.4404
Other materials available on request

Connectors (process/instrument/vent)

Connection size

25 - 1/4"

38 - 3/8"

50 - 1/2" (std process/instrument & vent)

75 - 3/4"

Note : 1/2" is the maximum vent size available on all connections

Process connection (NPT standard)

BP – BSP parallel pipe thread BS2779-1986

BT – BSP taper pipe thread BS21 - 1985

Connection type

F – Female thread (std instrument/vent)

Options

HL – Handle locking

NA – NACE MR-01-75 (latest revision)

FS – Firesafe to BS 6755 Part 2 Supplied with graphite foil seals

HP – 10,000 psi maximum pressure rating

PP – Pressure plug (usually follows a connection e.g. 50F-PP)

AG – Graphite foil packing (540°C max temperature)

2H – 2 through mounting holes

Rev 1.6

Product Data Sheet

L Type Barstock DBB Valve Pipe to Pipe



Machined from a barstock body, this valve features two inline ball pattern primary and secondary isolating valves and a ball vent valve.

Ball valve bore size 10mm, 14mm or 20mm

Ideal for injection, sampling and double block and bleed for an instrument.

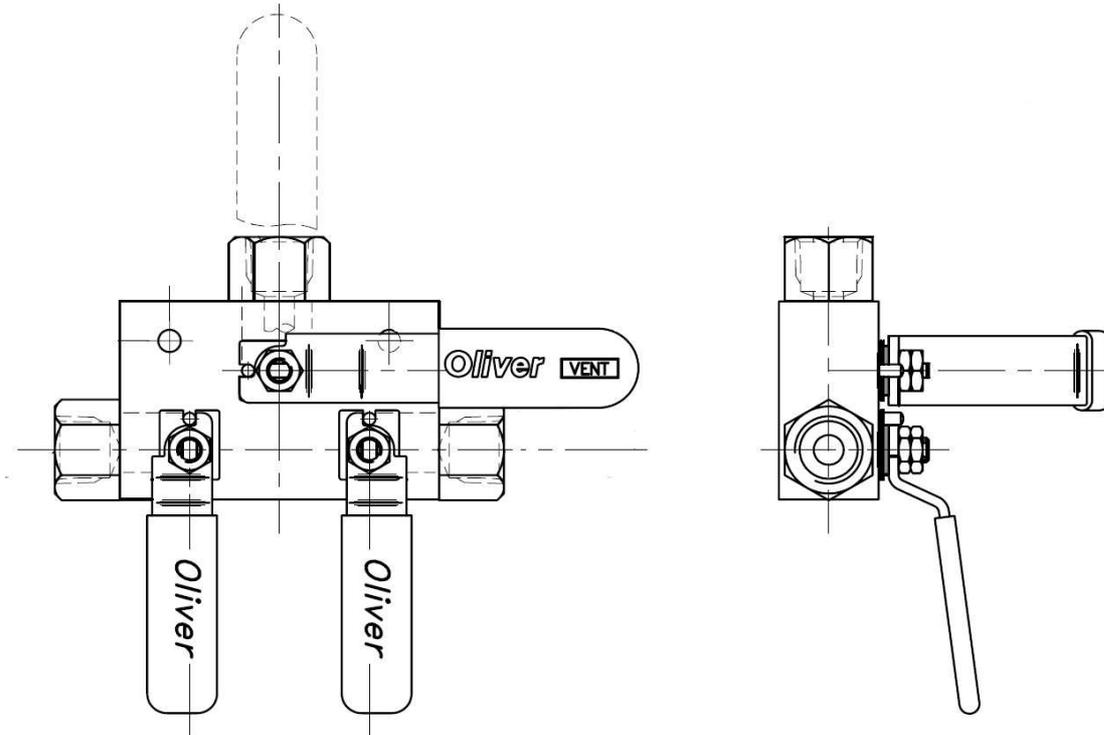
Key Features of the Oliver L Type Barstock DBB Valve Pipe to Pipe

- Compact barstock double block and bleed valve
- Anti-blowout spindle
- Reduced bore valve
- Each valve traceable by unique number
- Cam inter-lock option available

Standard Specification

- Maximum Pressure 6000psi
- Maximum Temperature 200°C
- Soft seated ball valve

General Arrangement Drawing



Ordering Code

(Typical example) → DBB/L / S / X / 50F/50F/50F / FS/HL/NA
Model / Type

Barstock, 3 ball in line pattern

Material

S – 316 Stainless steel BSEN 10088 1.4404
Other materials available on request

Bore

X – 10mm
Y – 14mm
Z – 20mm

Inlet / Instrument / Vent

Connection size

25 - ¼"
38 - ⅜"
50 - ½" (std process/instrument & vent)
75 - ¾"
10 – 1"

Process connection (NPT standard)

BP – BSP parallel pipe thread BS2779-1986
BT – BSP taper pipe thread BS21 - 1985

Connection type

F – Female thread (std instrument/vent)
M – Male thread

Options

PK – Peek seats
2H – 2 mounting holes
HL – Handle locking

Standard

NA – NACE MR-01-75 (latest revision) (EN1A carbon steel to NACE not available)
FS – Firesafe to API 607 and BS 6755 Part 2
10mm bore – PTFE/KEL-F seats (200°C max)
14mm bore – Peek seats (240°C max)
20mm bore – Peek seats (240°C max)

Rev 1.1

Product Data Sheet

T Type Barstock DBB Valve Pipe to Pipe



Machined from a barstock body, this valve features two inline ball pattern primary and secondary isolating valves and a ball vent valve.

Ball valve bore size 10mm & 14mm

Ideal for compact injection, sampling and double block and bleed for an instrument.

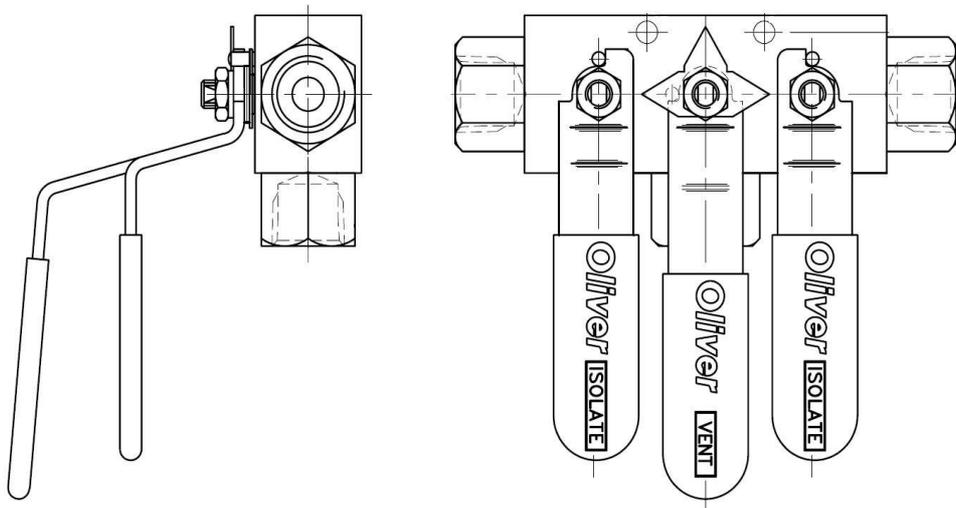
Key Features of the Oliver T Type Barstock DBB Valve Pipe to Pipe

- Compact barstock double block and bleed valve
- Anti-blowout spindle
- Reduced bore valve
- Each valve traceable by unique number
- Cam inter-lock option available
- T ported ball on vent valve
- ¼ turn operation

Standard Specification

- Maximum Pressure 6000psi
- Maximum Temperature 200°C
- Soft seated ball valve

General Arrangement Drawing



Ordering Code

(Typical example) →
Model / Type

DBB/T

/ S

/ X

/ 50F/50F/50F

/ FS/HL/NA

Barstock, 3 ball in line pattern

Material

S – Stainless steel (barstock) 316SS/BS970
Other materials available on request

Bore

X – 10mm
Y – 14mm

Inlet / Instrument / Vent

Connection size

25 - 1/4"
38 - 3/8"
50 - 1/2" (std process/instrument & vent)
75 - 3/4"
10 - 1"

Process connection (NPT standard)

BP – BSP parallel pipe thread BS2779-1986
BT – BSP taper pipe thread BS21 - 1985

Connection type

F – Female thread (std instrument/vent)
M – Male thread

Options

2H – 2 through mounting holes
HL – Handle locking
PK – Peek seats on 10mm bore value (120°C max temp)

Standard

NA – NACE MR-01-75 (latest revision) (EN1A carbon steel to NACE not available)
FS – Firesafe to API 607 and BS 6755 Part 2
10mm bore – PTFE/KEL-F seats (200°C Max temp)
14mm bore – PEEK seats (240°C Max temp)

Rev 1.2