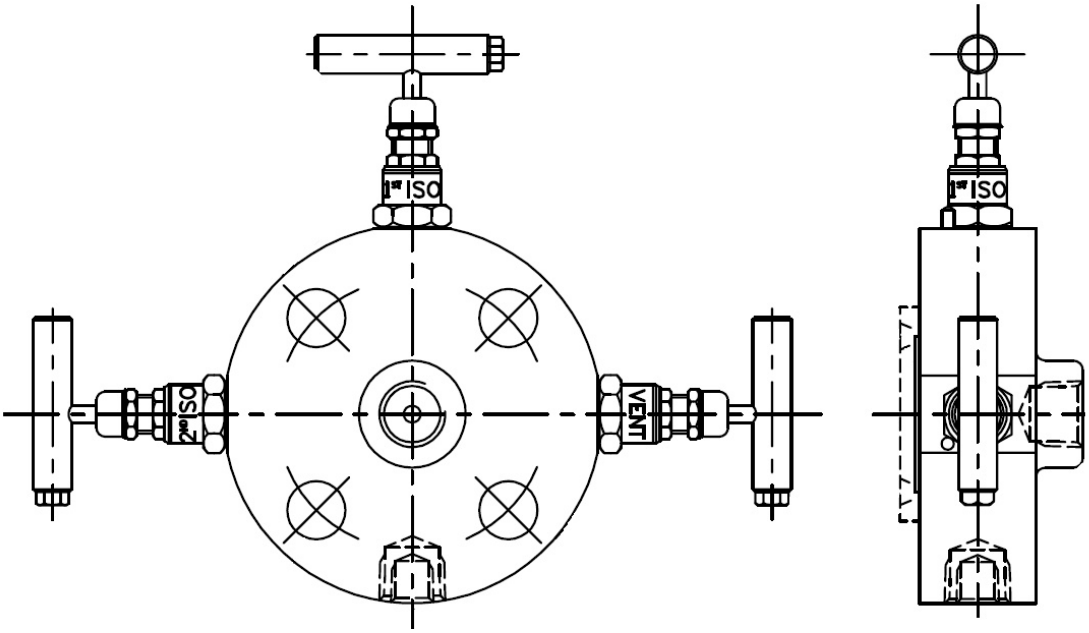
Product Data Sheet	Gauge Block Monoflange Valve

Gauge block monoflange valves work in conjunction with a pre-installed primary isolate valve. They provide compact instrument double block and bleed valving. This range is also available in both single block and single block and bleed configurations.

Key Features of the Oliver Gauge Block Monoflange Valve

- Double Block and Bleed valves
- Block and Bleed valves
- Single Block Valve
- Primary isolate – Needle pattern
- Secondary isolate – Needle pattern
- Bleed valve – Needle pattern
- Horizontal and vertical instrument connections
- Valves designed to connect with ANSI B16.5 flanges

General Arrangement Drawing



Oliver Valves Ltd, Parkgate Industrial Estate, Knutsford, Cheshire, WA16 8DX. United Kingdom.
T: +44 (0)1565 632636 E: sales@valves.co.uk W: www.valves.co.uk
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Ordering Code

(Typical example) →	Mono	/	BK	/	S	/	50F-150RF	/	50F/25F	/	HL/NA

Model / Type

Mono – mono flange

Model

BK - block
BB – block and bleed
DBB – double block and bleed

Material Selection

C – Carbon steel ASTM A320 LF2
S – Stainless steel ASTM A182 F316
Other materials available by request

Flange details

Flange size
50 - ½”
75 - ¾”
10 – 1”
150 - 1½”
200 – 2”
300 – 3”
Flange class
150 – 150lb
300 – 300lb
600 – 600lb
900 – 900lb
1500 – 1500lb
2500 – 2500lb
Flange type
RTJ – Ring type joint
RF – Spiral finish raised face

Instrument / Vent

Connection size
25 - ¼” (std vent)
38 - ⅜”
50 - ½” (std process/instrument)
Instrument connection (NPT standard)
BP – BSP parallel pipe thread BS2779-1986
BT – BSP taper pipe thread BS21 - 1985
CE – Compression fitting
LJTA – Lap Joint Tube Adaptor
GA – Swivel Gauge Adaptor

Options

ATV – Anti-tamper on vent
FS – Firesafe to API 607
HL – Handle locking
NA – NACE MR-01-75 (latest revision)

Rev 1.2

Oliver Valves Ltd, Parkgate Industrial Estate, Knutsford, Cheshire, WA16 8DX. United Kingdom.
T: +44 (0)1565 632636 E: sales@valves.co.uk W: www.valves.co.uk
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Product Data Sheet	Slimline Primary Isolation Valve

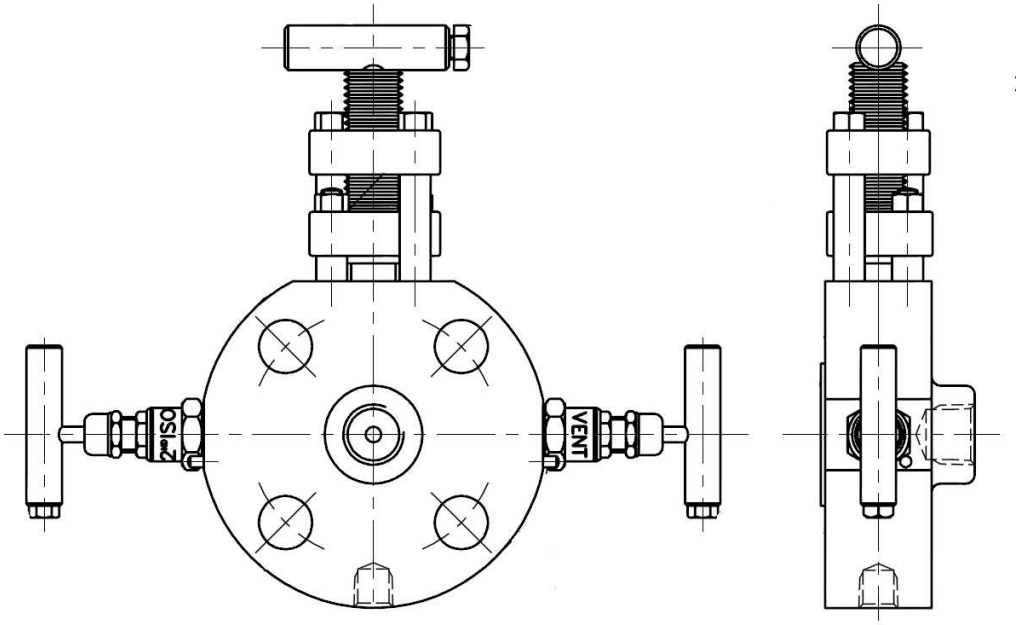
Slimline Primary Isolate Valves are designed to replace the traditional primary isolate valve by combining a primary isolate piping valve with instrument double block and bleed functions.

The Oliver Slimline Primary Isolate Valve is of outside screw and yoke construction and is designed to ASME VIII specifications.

Key Features of the Oliver Slimline Primary Isolation Valve

- Double Block and Bleed valves
- Designed in accordance with ASME VII Division 1
- Primary isolate – Outside screw and yoke type construction
- Secondary isolate – Needle pattern
- Horizontal and vertical instrument connections
- Valves designed to connect with ANSI B16.5 flanges

General Arrangement Drawing



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T: +44 1565 632636 E: sales@valves.co.uk W: www.valves.co.uk
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oliver valves
RELIABILITY UNDER PRESSURE

Ordering Code

(Typical example) →	Slim	/	BK	/	S	/	50F-150RF	/	50F/25F	/	HL/NA

Model / Type

Slim - slimline

Model

BK - block
BB – block and bleed
DBB – double block and bleed

Material Selection

C – Carbon steel ASTM A320 LF2
S – Stainless steel ASTM A182 F316
Other materials available by request

Flange details

Flange size
50 - ½”
75 - ¾”
10 – 1”
150 - 1½”
200 – 2”
300 – 3”
Flange class
150 – 150lb
300 – 300lb
600 – 600lb
900 – 900lb
1500 – 1500lb
2500 – 2500lb
Flange type
RTJ – Ring type joint
RF – Spiral finish raised face

Instrument / Vent

Connection size
25 - ¼” (std vent)
38 - ⅜”
50 - ½” (std process/instrument)
Instrument connection (NPT standard)
BP – BSP parallel pipe thread BS2779-1986
BT – BSP taper pipe thread BS21 - 1985
CE – Compression fitting
LJTA – Lap Joint Tube Adaptor
GA – Swivel Gauge Adaptor

Options

ATV – Anti-tamper on vent
FS – Firesafe to API 607
HL – Handle locking
NA – NACE MR-01-75 (latest revision)

Rev 1.1

Oliver Valves Ltd, Parkgate Industrial Estate, Knutsford, Cheshire, WA16 8DX. United Kingdom.
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