

D Type Bolted Construction DBB Valve Flange to Flange



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

Ball valve bore sizes from 14mm and 20mm (0.55" to 0.8").

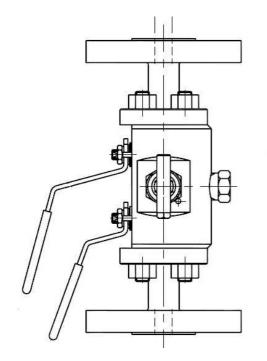
Key Features of the Oliver D Type Valve

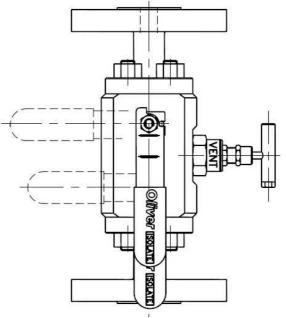
- Compact 'grain controlled' forged double block and bleed valve
- Needle valve features non-rotating, anti galling tip
- Anti-blow out spindle
- Reduced bore ball valve
- Each valve traceable by unique number

Standard Specification

- Maximum rating 2500lb class
- Maximum temperature 240℃
- Metal to metal seated needle valve
- Soft seated ball valve

General Arrangement Drawing





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Clivervelves Reliability under pressure

Ordering Code											
(Typical example) →	BE-DBB/D	/	S	/	X	/	10 – 1500 RTJ/10 – 1500 RTJ	/	50F	/	FS/HL/NA
Model / Type											
Integral flange 2 ball in needle vent	n line and		_								
Material											
S – Stainless steel (fo F316 C – Carbon steel (forg Other materials availa	ged) ASTM A3	50 L	F2								
Bore											
Y – 14mm Z – 20mm											
Flange details inlet/c	outlet										
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 raise	ed face										
Vent											
Connection size 50 - ½" (std process/ir 75 - ¾"	nstrument & ve	ent)									
Ontions											

Options

HL – Handle locking **Standard** NA – NACE MR-01-75 (latest revision) FS – Firesafe to API 607 and API 6FA and BS 6755 Part 2



D Type integrally forged DBB Valve Flange to Flange



Machined from a single piece of 'grain flow controlled' forging, this valve features two inline ball pattern primary and secondary isolating valves and a heavy duty needle vent valve.

Ball valve bore sizes from 10mm, 14mm and 20mm (0.4" to 0.8").

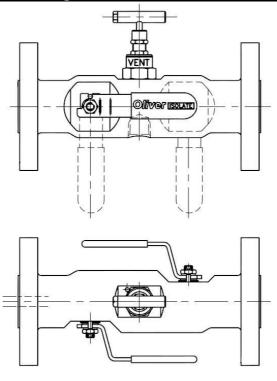
Key Features of the Oliver D Type Valve

- Compact 'grain controlled' forged double block and bleed valve
- Needle valve features non-rotating, anti galling tip
- Anti-blow out spindle
- Reduced bore ball valve
- Each valve traceable by unique number

Standard Specification

- Maximum rating 2500lb class
- Maximum temperature 240°C
- Metal to metal seated needle valve
- Soft seated ball valve

General Arrangement Drawing



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Clivervalves Reliability under pressure

Ordering Code											
(Typical example) →	DBB/D	/	S	1	X	/	10 – 1500 RTJ/10 – 1500 RTJ	/	50F	/	FS/HL/NA
Model / Type											
Integral flange 2 ball in needle vent	n line and										
Material											
S – Stainless (forged) C – Carbon steel (forg Other materials availa	ged) ASTM /	4350	6 LF2								
Bore											
X – 10mm Y – 14mm Z – 20mm											
Flange details inlet/c	outlet						-				
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 raise	ed face										
Vent											
Connection size											
50 - ½" (std process/ir 75 - ¾"	nstrument &	vent))								
Ontions									_		

Options

HL – Handle locking **Standard** NA – NACE MR-01-75 (latest revision) FS – Firesafe to API 607 and BS 6755 Part 2



D Type integrally forged DBB Valve Flange to Pipe

Oliver Oliver Machined from a single piece of 'grain flow controlled' forging, this valve features two inline ball pattern primary and secondary isolating valves and a heavy duty needle vent valve.

Ball valve bore sizes from 10mm, 14mm and 20mm (0.4" to 0.8").

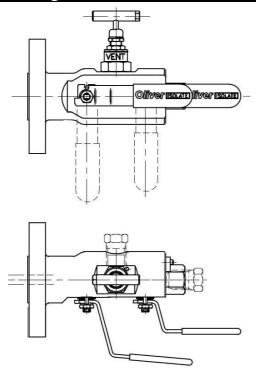
Key Features of the Oliver D Type Valve

- Compact 'grain controlled' forged double block and bleed valve
- Needle valve features non-rotating, anti galling tip
- Anti-blow out spindle
- Reduced bore ball valve
- Each valve traceable by unique number

Standard Specification

- Maximum rating 2500lb class
- Maximum temperature 240℃
- Metal to metal seated needle valve
- Soft seated ball valve

General Arrangement Drawing



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Olivervalves RELIABILITY UNDER PRESSURE

Ordering Code							
(Typical DBB/D example) → Model / Type) / S /	x /	10 – 1500 RTJ	/	50F/50F	/	FS/HL/NA
Integral flange 2 ball in line a needle vent	and						-
Material							
S – Stainless steel - (forged F316 C – LF2 Carbon steel (forge LF2 Other materials available on	d) ASTM A350						
Bore							
X – 10mm Y – 14mm Z – 20mm							
Flange details							
Flange size $50 - \frac{1}{2}$ " $75 - \frac{3}{4}$ " 10 - 1" $150 - \frac{1}{2}$ " 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	9						
Instrument / Vent							
Connection size $50 - \frac{1}{2}$ " (std process/instrum $75 - \frac{3}{4}$ " Process connection (NPT BP – BSP parallel pipe thread BT – BSP taper pipe thread Connection type F – Female thread (std instru-	standard) ad BS2779-1986 BS21 - 1985						

Options

HL – Handle locking **Standard** NA – NACE MR-01-75 (latest revision) FS – Firesafe to API 607 and BS 6755 Part 2



F Type integrally forged DBB Valve Flange to Pipe



Machined from a single piece of 'grain flow controlled' forging, this valve features two inline ball pattern primary and secondary isolating valves and a heavy-duty ball vent valve.

Ball valve bore sizes from 10mm, 14mm and 20mm (0.4" to 0.8").

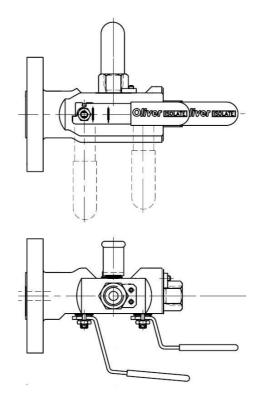
Key Features of the Oliver F Type DBB Valve Flange to Pipe

- Compact 'grain controlled' forged double block and bleed valve
- Anti-blow out spindle
- Reduced bore ball vale
- Each valve traceable by unique number

Standard Specification

- Maximum rating 2500lb class
- Maximum temperature 240°C
- Soft seated ball valve

General Arrangement Drawing



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Olivervalves RELIABILITY UNDER PRESSURE

Ordering Code				
(Typical example) → DBB/F / S / X / 10 – 1500 RTJ Model / Type	/	50F/50F	/	FS/HL/NA
Integral flange, 3 ball in line pattern				_
Material				_
S – Stainless steel – (forged) ASTM A182 F316 C – Carbon steel (forged) ASTM A350 LF2 Other materials available on request				
Bore				
X – 10mm Y – 14mm Z – 20mm				
Flange details		_		
Flange size $50 - \frac{1}{2}^{"}$ $75 - \frac{3}{4}^{"}$ $10 - 1^{"}$ $150 - \frac{1}{2}^{"}$ $200 - 2^{"}$ $300 - 3^{"}$ 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 50 - ½" (std process/instrument & vent) 75 - ¾" 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 **Standard** NA – NACE MR-01-75 (latest revision) FS – Firesafe to API 607 and BS 6755 Part 2



EL Type Integrally Forged DBB Valve Flange to Pipe



Machined from a single piece of 'grain flow controlled' forging, this valve features two inline ball pattern primary and secondary isolating valves and a heavy duty ball vent valve.

The EL Type can be supplied in the following styles;

- Two in-line ball pattern primary and secondary isolating valves with a heavy duty needle valve vent, offering 'through to process' rodding in bore sizes from 10mm to 20mm
- Three ball pattern primary and secondary isolating valves and vent valve offering 'through to process' rodding in 10mm and 14mm bore sizes
- Three heavy duty metal seated Needle primary and secondary isolating valves and vent valve with 5.4mm bores

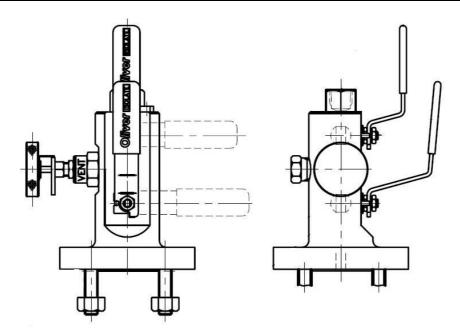
Key Features of the Oliver EL Type Valve

- Compact 'grain controlled' forged double block and bleed valve
- Anti-blow out spindle
- Reduced bore ball valve
- Each valve traceable by unique number

Standard Specification

- Maximum rating 2500lb class
- Maximum temperature 240°C
- Soft seated ball valve

General Arrangement Drawing



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Olivervalves RELIABILITY UNDER PRESSURE

Ordering Code											
(Typical example) → Model / Type	DBB/DEL	/	S	/	X	/	10 – 1500 RTJ	/	50F/50F	/	FS/HL/NA
Integral flanged, 2 Ball a heavy duty needle va											
Material			_								_
S – Stainless steel (for C – Carbon steel (forge Other materials availab	ed) ASTM A3	50 LI									
Bore											
X – 10mm Y – 14mm Z – 20mm											
Flange details							_				
Flange size $50 - \frac{1}{2}$ " $75 - \frac{3}{4}$ " 10 - 1" $150 - \frac{11}{2}$ " 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 raise	d face										
Instrument / Vent											
Connection size 50 - ½" (std process/ins 75 - ¾" Process connection (BP – BSP parallel pipe BT – BSP taper pipe th Connection type F – Female thread (std	NPT standar thread BS27 pread BS21 -	d) 79-1 1985									
Options											

HL – Handle locking **Standard** NA – NACE MR-01-75 (latest revision) FS – Firesafe to API 607 and BS 6755 Part 2