

PERFECTION IS OUR STANDARD...



Quality, Integrity, Experience

LARGE BORE AND METAL SEALED
DOUBLE BLOCK AND BELEED VALVES



WELCOME TO COLSON X-CEL LTD

Colson X-Cel Ltd range of Double Block and Bleed (DBB) large bore pipeline ball valves are designed to save you space and weight, minimize potential leak paths and reduce maintenance requirements on both Brownfield and Greenfield pipelines.

Colson X-Cel offer a range of valves from 1/2" to 8" in either full or reduced bore sizes, in ASME pressure Classes from 150 to 2500 and API ratings up to 10,000 API. Both soft and metal seated options are available with floating and trunnion designs depending on bore and class of valve required.

These valves are designed to offer a single valve solution giving true double isolation for maximum safety and reducing process problems due to valve leakage. The compact design saves weight, space and reduces costly installation charges.

All valves are designed and tested within the requirements of API 6D, ASME B16.34, API 598 and ASME VIII. Material certification to BS EN 10204 3.1 or 3.2 giving full traceability on all the wetted parts used within our valves.

Colson X-Cel's unique trunnion design allows for smoother operation, lower breakout torques whilst having a trunnion that is outside the process media preventing ingress from sand or dirt etc. All our valves are true double block and bleed using separate valves in one unit.

ASME Class 150 to 2500, API 6A up to 10,000 API

Temperature Range:	-50 deg c to 200 deg C,
Design Standards:	ASME B16.34, API 6D, ASME VIII, ASME B16.5
Fire safe Standards:	API 607, API6FA, ISO 10497
Seat Materials:	Soft Seats: Devlon, PEEK, PTFE
Metal Seats:	Tungsten Carbide

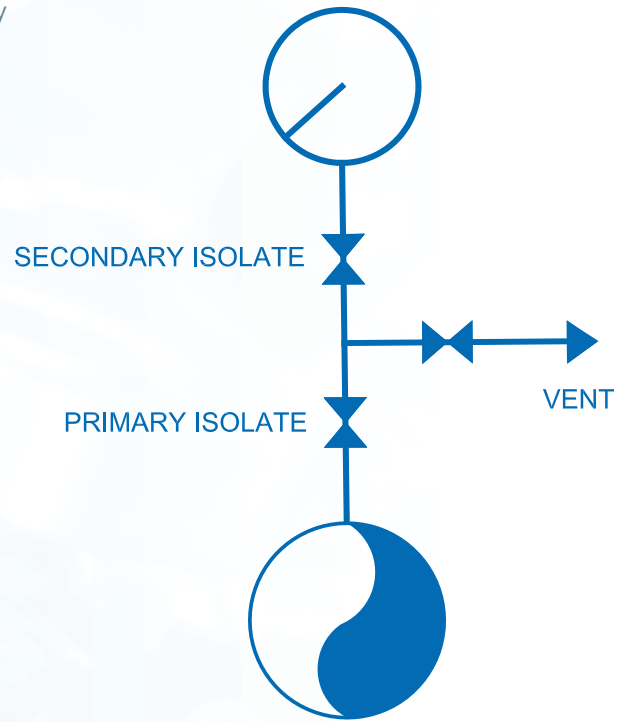
- Side entry.
- Partial or fully clad.
- Full or reduced bore.
- Floating or Trunnion mounted ball.
- Flanged, butt weld, compact flange or other proprietary connections.
- Fugitive Emission tested to ISO 15848-1 available.



Colson X-Cel Ltd range of Metal Seated Double Block and Bleed (DBB) valves are available in small or large bore sizes and are designed to save you space and weight, minimize potential leak paths and reduce maintenance requirements.

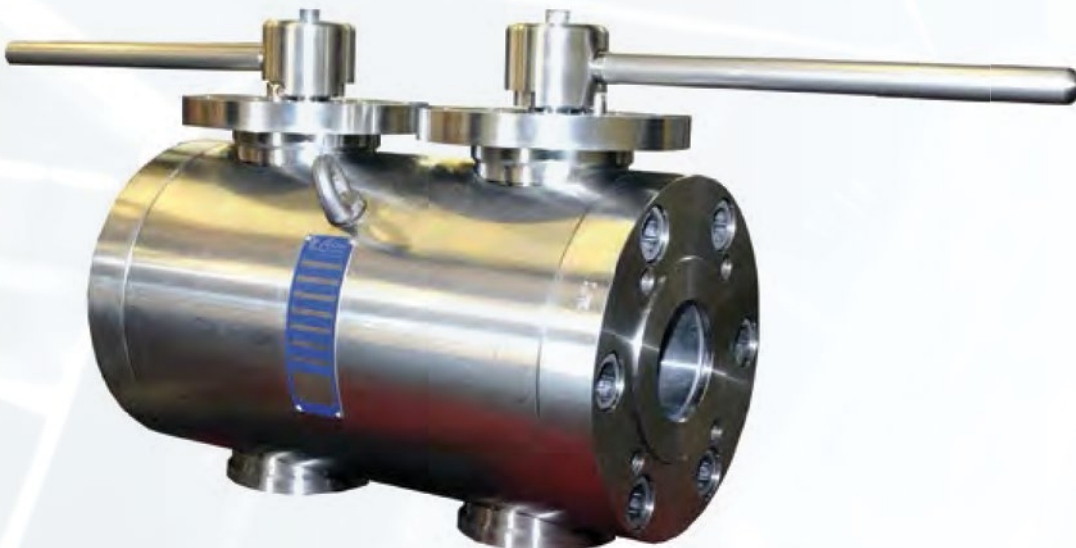
Colson X-Cel offer the range of valves from 1/2" to 8" in either full or reduced bore sizes, in ASME pressure Classes from 150 to 2500 and API ratings up to 10,000 API. Our metal seated trunnion products have been designed with reliability in mind and are capable of passing a 1 bar seat gas test or a hydro test at 1.1 times CWP with Zero leakage.

These valves are designed to offer a single valve solution giving true double isolation for maximum safety and reducing process problems due to valve leakage. The compact design saves weight, space and reduces costly installation charges. The expertly produced ball and seat sets are made from Duplex or other grades and Tungsten Carbide cated prior to precision machining and lapping allowing for an excellent seating area that has proven to give fantastic results when tested.



All valves are designed and tested within the requirements of API 6D, ASME B16.34, API 598 and ASME VIII. Material certification to BS EN 10204 3.1 or 3.2 giving full traceability on all the wetted parts used within our valves.

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COLSON UK LTD
PINO:DMF-620112
SIZE:1" 150LB RF
TYC:32461 GMO

Colson X-Cel Ltd
Park Works
Park Road
Elland
West Yorkshire
HX5 9HN

Tel: 0845 094 3780

Fax: 0845 094 3790

Email: sales@colson.co.uk

www.colson.co.uk

Lower Emission Process & Instrument Valves

Providing precision engineered solutions for the most demanding environments...



Colson X-Cel 'CX' Series

Perfection is our standard.

THE 'CX' SERIES OF PROCESS & INSTRUMENT VALVES ARE DESIGNED IN ACCORDANCE WITH THE EXTENSIVE SPECIFICATION REQUIREMENTS OF **MESC SPE 77/300, 77/300B & 77/170** UNDER THE TECHNICAL AUTHORITY SHELL GLOBAL SOLUTIONS.

Product Features

QUALIFIED VALVE SIZES 1/2" TO 3"

PRESSURE CLASSES 150 UP TO & INCLUDING 2500

OPERABLE AT -50°C UPTO & INCLUDING 150°C

MINIMUM EMISSION CLASS B

ISO 5208 LEAKAGE RATE A

Configurations

SINGLE ISOLATION

BLOCK & BLEED

DOUBLE BLOCK & BLEED



PROCESS VALVES

SUPPLIED IN ACCORDANCE WITH BSEN ISO 17292, API 6D & SHELL GS 77/300

ASME PRESSURE CLASSES 150 TO 2500

ASME SIZES 1/2" TO 3"

FULLY FORGED TWO & THREE PIECE DESIGN



Product Overview

INSTRUMENT VALVES

SUPPLIED IN ACCORDANCE WITH SHELL SPECIFICATIONS
77/300, 77/170 & EEMUA 182

PRESSURE CLASSES 150 TO 2500

SIZES 1/2" TO 3"

SINGLE PIECE FORGED
OR
FORGED MODULAR CONSTRUCTION

BORE SIZES Ø10mm & 1/2"

AVAILABLE WITH INTERNALLY LOADED
STEM OR BOLTED BONNET PATTERNS





Colson X-Cel Ltd

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Colson X-Cel Ltd,
Park Works,
Park Road,
Elland,
West Yorkshire,
HX5 9HN
England

Tel: +44 (0) 1422 377999
Fax: +44 (0) 1422 377333
Email: sales@colson.co.uk



*Global Supply Line - Australian Colson agent,
stockist & distributor.*

*Contact us: sales@globalsupplyline.com.au
Website: www.globalsupplyline.com.au*

