STRENGTH THROUGH DISTRIBUTION

- Altek will sell only through distribution for all valving products

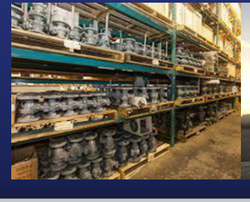
- This business model:
  - Strengthens employment in our communities
  - Increases tax revenue for our provinces and our country
  - Allows for trust and working agreements between Altek and our distribution partners

- Altek will not support manufacturers selling direct and we encourage our distribution partners to do the same.

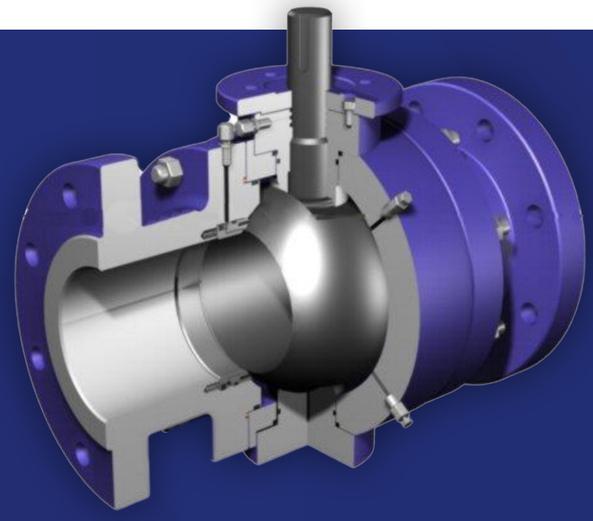
Privately and Canadian owned since 1999, Altek Supply has built an outstanding reputation for service and integrity. Our warehouse is strategically located in Edmonton, Alberta; where we are able to supply our customers with same day or overnight deliveries. We also offer extended late hours for our order desk and shipping department so you can be confident your order will make it to your customer on time.

We carry extensive inventory in our 60,000ft^2 Edmonton warehouse on all products. Our supplier supports us with supplemental inventory in their 110,000ft^2 North American warehouses and via their 980,000ft^2 manufacturing facilities overseas.

All of our DHV valve products have available Canadian CRNs, and are manufactured as per API Q1 and ISO 9001-2008 quality auditing systems.



IN STOCK !



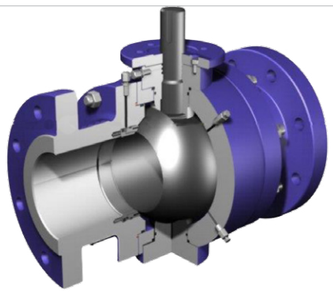
DHV DOUBLE PISTON EFFECT TRUNNION BALL VALVES DIB-1 OR DIB-2

Updated - May 2017

3635 –78 Ave NW, Edmonton, AB.
Phone: 780-465-9000 ▪ Fax: 780-465-9995
www.alteksupply.com

SOLD ONLY THROUGH DISTRIBUTION

DHV
DOUBLE PISTON (DPE)
TRUNNION BALL VALVES



SIZES: 2" –48"

AVAIL: ANSI 150 –ANSI 2500
API 6D, CSA
ANSI B16.34
API 6FA (Fire tested)
QA ISO 9001:2008
API QSL-1-9th EDITION
NACE MR01-75/ISO 15156
CE-PED Compliant

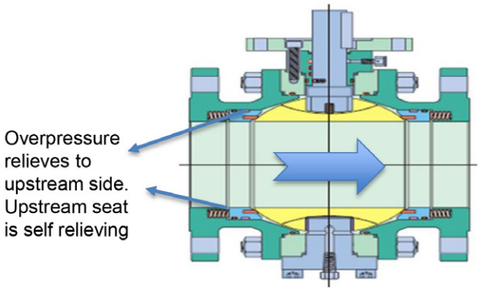
FEATURES INCLUDE:

- ASTM A-350-LF2 Class 1 body (CVNT @ -50F, 13 ft.lbs)
- ASTM A-352-LCC, A-182-F316SS, A351-CF8M
- Low Phosphorus ENC –3 Mil Trim
- PTFE, Nylon, Devlon or Peek Seats
- Viton GLT or HNBR O-rings (HNBR tested at -50F)
- Double block and bleed
- Double Piston style seat design or DPE x Self Relieving
- CSA Z245.15 compliance
- Stem and seat sealant injection included on most sizes
- Low emission packing design is standard supply
- Anti-static stem
- Soft seated and metal seated designs available
- Liquid By-pass available

DESIGN FEATURES - ADVANTAGES

- Available seat configurations as per ISO 14313/API 6D definitions:
- DIB-1: Both seats bi-directional (DPE x DPE)
- DIB-2: One seat unidirectional and one seat bi-directional (Self-relieving x DPE). Liquid porting is not required.
- The integrity of the downstream process area is maintained by the DPE seat on the downstream side. The downstream seat is energized by springs and upstream pressure.
- Both seats are also spring energized to maintain low pressure ball/seat contact.

ALL OF THIS CAN BE ACCOMPLISHED BY SEAT INTERCHANGEABILITY WITHIN THE SAME VALVE BODY.



TECHNICAL FEATURES

DHV Double Piston Trunnion

- ALL SIZES AND PRESSURE CLASSES CAN BE PROVIDED AS DIB-1 OR DIB-2 DESIGN
- RETAINED - RECTANGULAR SEAT INSERT
- HNBR O-RINGS TESTED AT -50F BY DNV-GL
- ALL BODY DESIGNS AS PER ANSI B16.10/ANSI B16.5 DIMENSIONS
- VALVE DESIGN THICKNESS AND MATERIALS AS PER ASME B16.34
- LOW PHOSPHORUS 3 MIL ENC TRIM
- DOUBLE BLOCK AND BLEED IS STILL MAINTAINED.
- SPRING ENERGIZED SEATS AFFORD LOW PRESSURE SEAT INTEGRITY