

TRUNNION Comparison Table

Table Legend | ● = Standard
● = Not applicable

FEATURE	TRUNNION MOUNTED 2 PIECE DBB	TRUNNION MOUNTED 3 PIECE DBB	TRUNNION MOUNTED 3 PIECE DIB
Size Range (see details in respective product section)	2" - 12"	2" - 56"	2" - 56"
Class	150 - 600 ASME	150 - 2500 ASME	150 - 2500 ASME
Full or Reduced Port / Regular Port	●	●	●
RF or RTJ end connections (others end connections upon request)	●	●	●
API 6D Pipeline Design	●	●	●
API 608 Ball Valve Design	●	●	●
Fire Safe Design (API 607 / ISO 10497 / API 6FA)	●	●	●
Standard Body Material	Cast (12" 600 FP Forged only)	Forged	Forged
Standard Warranty	4 years	4 years	4 years
SIL 3 Certified	Certification in process	●	●
CHECKPOINT Critical Control Point verification	●	●	●
Canadian CRNs	●	●	●
MTRs (Material Test Reports)	●	●	●
NACE design	●	●	●
3 mil High Phosphorous ENP coated trim (SS trim upon request)	●	●	●
Standard Seat Ring Material (other materials upon request)	RPTFE: 150 / 300 ASME	RPTFE: 150 / 300 ASME	Viton: 150 - 600 ASME
Standard Seat Ring Material (other materials upon request)	Devlon: 600 ASME	Devlon: 600 - 1500 ASME	Devlon: 900 / 1500 ASME
Standard Seat Ring Material (other materials upon request)		PEEK: 2500 ASME	PEEK: 2500 ASME
Seat Sealant Injection Fittings (space permitting - smaller sizes use cavity injection)	●	●	●
Possibility to Check Seat Integrity In Line with Ball in Open or Closed Position	●	●	●
Anti-Blowout Stem	●	●	●
Independent Ball and Stem	●	●	●
Ball and Stem MAST per API 608	●	●	●
Stem sealant injection fittings with integral check valve	●	●	●
Secondary check valve under sealant injection fitting	●	●	●
Independent Floating Seats	●	●	●
Primary Soft Seat -Secondary Metal Seat	●	●	●
Single Piston Effect Seat Design (with Self Relieving Seats)	●	●	●
Double Piston Effect Seat Design	●	●	●
Combination (Self Relieving / Double Piston) Seats	●	●	Available on request
AED (Anti Explosive Decompression) o-rings	●	●	●
Double Antistatic Protection	●	●	●
API 6D Pressure Tests	●	●	●
Low Pressure Seat Test	●	●	●
ISO 5211 Mounting Flange	●	●	●
Manual or Actuated Operation	As Required	As Required	As Required
Triple Low Emission Stem Seals	●	●	●
Locking Device per API 608	●	●	●
Drain Valve	●	●	●
Vent Valve	●	●	●
Lifting Lugs	≥6"	≥6", 150-600 ASME	≥6", 150-600 ASME
Lifting Lugs	●	≥4", 900 - 1500 ASME	≥4", 900 - 1500 ASME
Lifting Lugs	●	≥3", 2500 ASME	≥3", 2500 ASME
Support Feet	●	Per lifting lug data	Per lifting lug data
Internal / External coatings, linings and overlay	As Required	As Required	As Required