

Top-Entry Ball Valve - TEV

Control Ball Valves and Shut-Off Ball Valves

Short description

- Control and Shut-Off Function possible
- Erosion and corrosion resistance
- Extreme durability and robust design ideal for severe service applications

- **Metal to Metal seated**
- **Full Shut-Off and ESD function against full Δp**

Types and Variations

- Forged steel
- Uni- or bidirectional
- Welded ends, flanges

Media

- Natural Gas / Sour Gas/ Crude Oil
- Process Water / Salt Water / Brine
- Slurries
- Petrochemicals (petroleum distillates)
- Steam
- Nitrogen

Technical Characteristics

Nominal Sizes: 2"-36" / DN 50-900
Temperature: - 60°C ... +400°C
Rating: ANSI Class 600 - 2500 / PN16-420

Leakage rate: A acc. ISO 5208 or EN 12266-1 / VI acc. EN 1349



Materials:

Material acc. DIN	Description acc. DIN	Material ASTM/AISI/ASME
1.0619+N	GP240GH+N	ASTM A216 WCB
1.0460	P250GH	ASTM A105
1.0566	TStE355	ASTM A350LF2
1.8912	S420NL	ASTM A350LF6
1.4462	X2CrNiMoN22-5-3	ASTM A182F51
1.4006	X12Cr13	ASTM A182F6a
1.4021	X20Cr13	ASTM A276-420
1.4313	X3CrNiMo13-4	ASTM A182F6NM