



TECHNICAL SPECIFICATION

Size Range	DN15 - DN100
Body Type	Two-piece
Port	Full port
Temperature Range ¹	-60°C to +260°C
Operating Pressure	max. 40 bar
Flange Connection ²	EN 1092 Form B1, PN16/40
Top Flange	ISO 5211
Face-to-Face	EN 558 Series 1, 27
Design	EN 12516/AD2000
Pressure Test	EN 12266-1
Certification	TA-Luft VDI 2440 PED 2014/68/EU Fire Safe ³ ISO 10497, API 607

¹ Maximum temperature ranges only valid for special version.

² Other drilling patterns on request.

³ Optional: Ball with relief bore on pressure side (requires unidirectional installation).

The series TX/TA features a self-sealing, maintenance-free PTFE sealing system with a custom-made preloaded Belleville spring design. This design has proven to ensure an extremely long service life. This flanged ball valve meets the highest quality requirements of the German Chemical Industry and is supplied with a hand lever made of solid material with two travel stops to prevent inadmissible torsional forces.

APPLICATIONS

Bi-directional shut-off of a variety of liquid and gaseous media in many applications under the most demanding operating conditions, e.g. in the following industries:

- > Chemical
- > Pharmaceutical
- > Petrochemical
- > Water technology
- > Food processing

PRODUCT FEATURES

- > Resilient-seated ball valve with floating ball
- > Antistatic design as standard
- > Blowout-proof stem
- > Chambered body gasket
- > Free of non-ferrous metals
- > Modular hand lever design for manual stem extension
- > Maintenance-free and durable
- > Packing design offers the possibility of manual adjustment of the sealing
- > Use of acid-resistant materials

MATERIALS

Part	KM-TX	KM-TA
Body	Stainless Steel (1.4408)	Carbon Steel (1.0619)
Ball	Stainless steel (1.4408, 1.4404)	
Seat	PTFE/25% GFR, PTFE/50% VA, PEEK, virgin PTFE (FDA) ⁴	
Stem	Stainless steel (1.4404, 1.4571)	
Stem Packing	PTFE + graphite ³	
Gland retainer	Stainless steel (1.4404, 1.4571)	
Body Sealing	PTFE + graphite ³	
Bolts	A4-70	
Hand lever	1.4104	⁴ Optional only for KM-TX

