

**TECHNICAL SPECIFICATION**

Size Range	DN15 - DN100
Body Type	Two-piece
Port	Full port
Temperature Range <sup>1</sup>	-25°C to +220°C
Operating Pressure	max. 40 bar
Flange Connection <sup>2</sup>	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

<sup>1</sup> Maximum temperature ranges only valid for special version.  
<sup>2</sup> Other drilling patterns on request.

The series OX/OA features a self-sealing, maintenance-free sealing system with a custom-made O-ring arrangement and simultaneous use of three O-rings. 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
- > Petrochemical
- > Food processing
- > Pharmaceutical
- > Water technology

**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
- > Use of acid-resistant materials

**MATERIALS**

Part	KM-OX	KM-OA
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) <sup>3</sup>	
Stem	Stainless steel (1.4404, 1.4571)	
O-Ring	Viton®	
Guide Bushing	PTFE-P	
Body Sealing	PTFE	
Bolts	A4-70	
Hand lever	1.4104	

<sup>3</sup> Optional only for KM-OX

