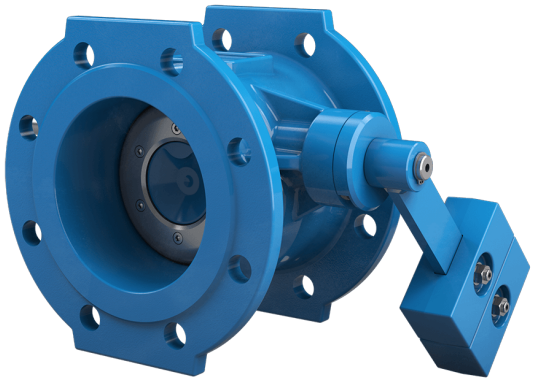
TK01

The TK01 is an eccentric, non-return check valve manufactured in accordance with DIN face to face length EN 558/ISO 5752 series 14. When the butterfly valve opens and closes, the eccentrically mounted valve disc swings in and out at an optimal angle. Unlike conventional check valves, the TK is very free-moving and opens with minimal differential pressure. This is because the contact pressure in the seal seating has been optimized. Thanks to its robust, careful design, the TK has proven itself on the market over the course of decades.



CHARACTERISTICS TK01

Check valve

Design

Double flange body

Case shape

150 – 400 mm

Nominal sizes

Ductile iron

Material

0 – 16 bar

Pressure rating

PN10, PN16

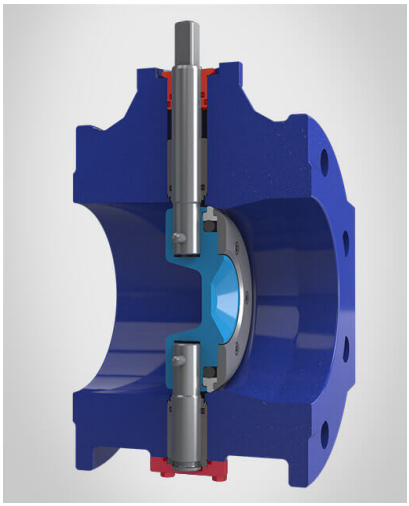
Flange drilling

EN 558 series 14

Face to face dimension

The mechanical stop features rubber suspension and can be adjusted steplessly. Already during pressure equalization, it causes the valve disc to loosen from the seat.

Thanks to a patented self-pressing process, the seal on the seat only generates as much initial pressure as is necessary for a drop-tight shut-off.



The secondary shaft seals on both sides can easily be replaced, without requiring service interruption or further dismantling.

MATERIAL OF CONSTRUCTION

Part	Ductile iron
Body	EN-GJS-400-15
Disc	EN-GJS-400-15
Seal	EPDM
Shaft	1.4104
Shaft bearing	Zinkfreie Bronze 2.1090

Other materials upon request

CORROSION PROTECTION

Body	EKB-Beschichtung
Scheibe	EKB-Beschichtung
Schrauben	1.4404

CONTACT US FOR YOUR TAILOR-MADE SOLUTION.

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