



RAS / AQUACULTURE

**Coreline**

Product presentation

Danish Manufacturer

High-quality  
and engineering



[www.coreline.dk](http://www.coreline.dk)



# INDHOLD

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# WE LIVE FOR VALVES

Coreline is a different player in the Danish market. We don't just sell valves and ball valves. We also design, develop, and manufacture ball valves, butterfly valves, check valves, and assembly solutions at our own factory. With decades of experience in the industry, we ensure the highest possible quality and longevity of our products. This is a crucial parameter in our DNA.

At Coreline, we have high ambitions. We aim to deliver the best valves and continuously develop our range to achieve the highest possible standards in the market. At our workshop in Fredericia, we assemble and test each delivery. No goods leave our warehouse without inspection. We always strive for the shortest possible delivery time. With a large inventory, we usually offer next-day delivery.

Additionally, we have added new, patented details to our products, providing your company with the best and most sustainable solution. We have all the certificates and approvals expected, but perhaps more importantly, we have undergone audits. Large, recognized companies in the global market have approved Coreline based on in-depth reviews of, among other things, products, quality management, personnel conditions, and environmental policy.

Our skilled staff, who are specialists in valves and accessories, are always ready to advise and serve you. Use our extensive product knowledge and technical expertise to get serious advice on the most optimal solutions. We take pride in providing you with the best service around the clock, so the industry can keep running. With a focus on delivery reliability, product quality, and competitive prices, we look forward to a dialogue about a good collaboration.

## Coreline A/S



Tommy Knudsen  
General Manager

Ole Bjørn Jensen  
Owner

Henrik Pilborg Fritsche  
Owner

Allan Kristensen  
Owner

# BALL VALVES

Degreasing for oxygen installations optional.

**Fig.120 | 2pc thread ends ball valve**

**Connection:** Threaded ends BSPP - ISO228/1. Alternative NPT, BSPT  
**Size range:** ¼" - 3"  
**Pressure rating:** ¼" - 2": PN63  
2 ½" - 3": PN40  
**Face to face:** DIN3202 M3  
**Body:** Stainless steel SS316  
**Seat:** PTFE  
**Operation:** L-handle with or without safety lock  
Alternatively with T-handle

- Standard DIN3202 M3 face to face dimension.
- Full bore for better Kv/Cv value.
- Anti-blow out stem design.

CE SIL  ATEX, CE, SIL and EU1935/2004 (European food approval) for Coreline ball valves.



**Fig.125 | 2pc thread ends ball valve with ISO5211 top flange**

**Connection:** Threaded ends BSPP - ISO228/1. Alternative NPT, BSPT  
**Size range:** ½" - 3"  
**Pressure rating:** ½" - 2": PN63  
2 ½" - 3": PN40  
**Pressure rating:** DIN3202 M3  
**Body:** Stainless steel SS316. Other materials available on request  
**Seat:** PTFE. Other materials available on request RPTFE  
**Operation:** Hand lever, pneumatic actuator, electric actuator  
**Top flange:** ISO5211

- Standard DIN3202 M3 face to face dimension.
- Full bore for better Kv value.
- Solid ball for high performance tasks.
- Anti-static devices for ball - stem - body.
- Blow-out proof stem.
- Pressure relief hole in ball slot.
- ISO5211 direct mounting pad for easy automation.

CE  SIL  ATEX, CE, SIL and EU1935/2004 (European food approval) for Coreline ball valves.



Coreline is building strong relationships with our customers based on delivering quality and reliable advice.

## Fig.17N | Wafer ball valve

<b>Connection:</b>	Flanged ends according to EN1092-1
<b>Size range:</b>	DN15 - DN150
<b>Pressure rating:</b>	DN15 - DNS0: PN16/PN40 DN65 - DN150: PN16
<b>Body:</b>	Stainless steel, carbon steel
<b>Seat:</b>	PTFE. Alternative RPTFE, TFM1600
<b>Top flange:</b>	ISO5211
<b>Operation:</b>	Hand lever, pneumatic actuator, electric actuator

- Anti-static devices for ball - stem - body.
- Blow-out proof stem.
- Pressure relief hole in ball slot.

ATEX, CE, SIL and EU1935/2004



“We focus on  
 reliable and solutions  
 adapted to  
 customers needs.”

# BUTTERFLY VALVES

Butterfly Valves can optional be delivered in C4 or C5 coated body.

**Fig.211 | Rubber seat butterfly valve**

**Fig.211M | Rubber seat butterfly valve - Marine approved**

- Connection:** Wafer, lug
- Size range:** DN25-DN300
- Pressure rating:** 16 BAR: DN25-DN150  
10 BAR: DN200-DN300
- End connection:** EN1092 PN6, PN10, PN16  
ANSI B16.5 Class150  
JIS B2239 10K, 16K  
BS10 Table D, Table E
- Face to face:** EN558 Series 20, API 609 Table 1
- Tightness test:** ISO 5208 rate A, API 598 table 5 (medium: water)
- Body:** GGG40, CF8M, CF8
- Disc:** SS316, SS304, SS201, 2507/2205, Nylon/Halar coated DI, C95800
- Seat:** NBR, EPDM, FPM

- Without pin design: Double D transmission between disc and shaft is strong and reliable.
- Stainless steel retainer preventing stem blow-out.
- Hard back ring keeping the rubber from seat distortion.
- Multi-standard alignment holes suitable for various standard of flanges.



Gearboxes can be offered full stainless SS316, or optionally C5 coated and with SS316 bolting and stem.

Lever can optional be delivered in SS316.

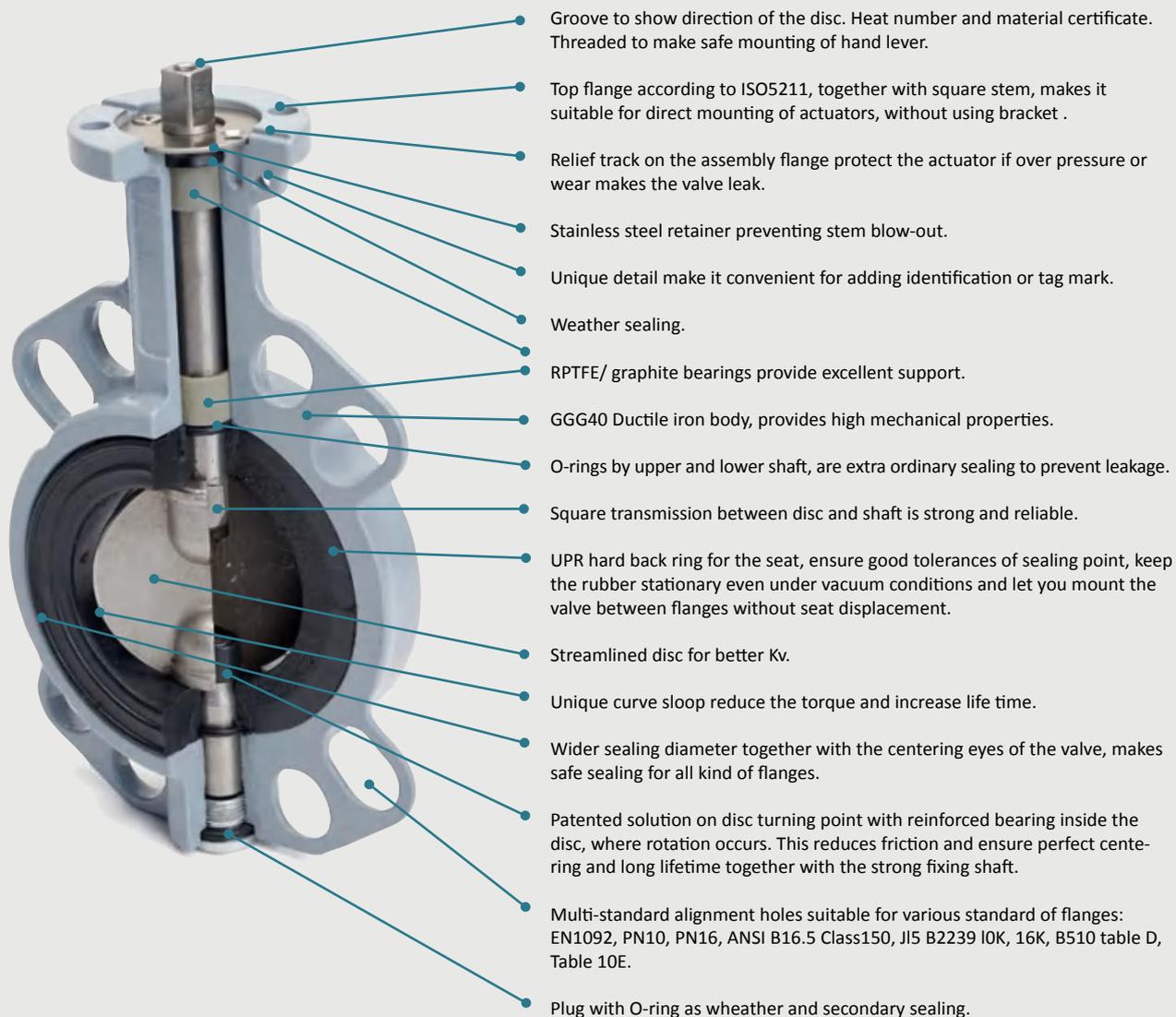


## Fig.223/224 | Rubber seat butterfly valve

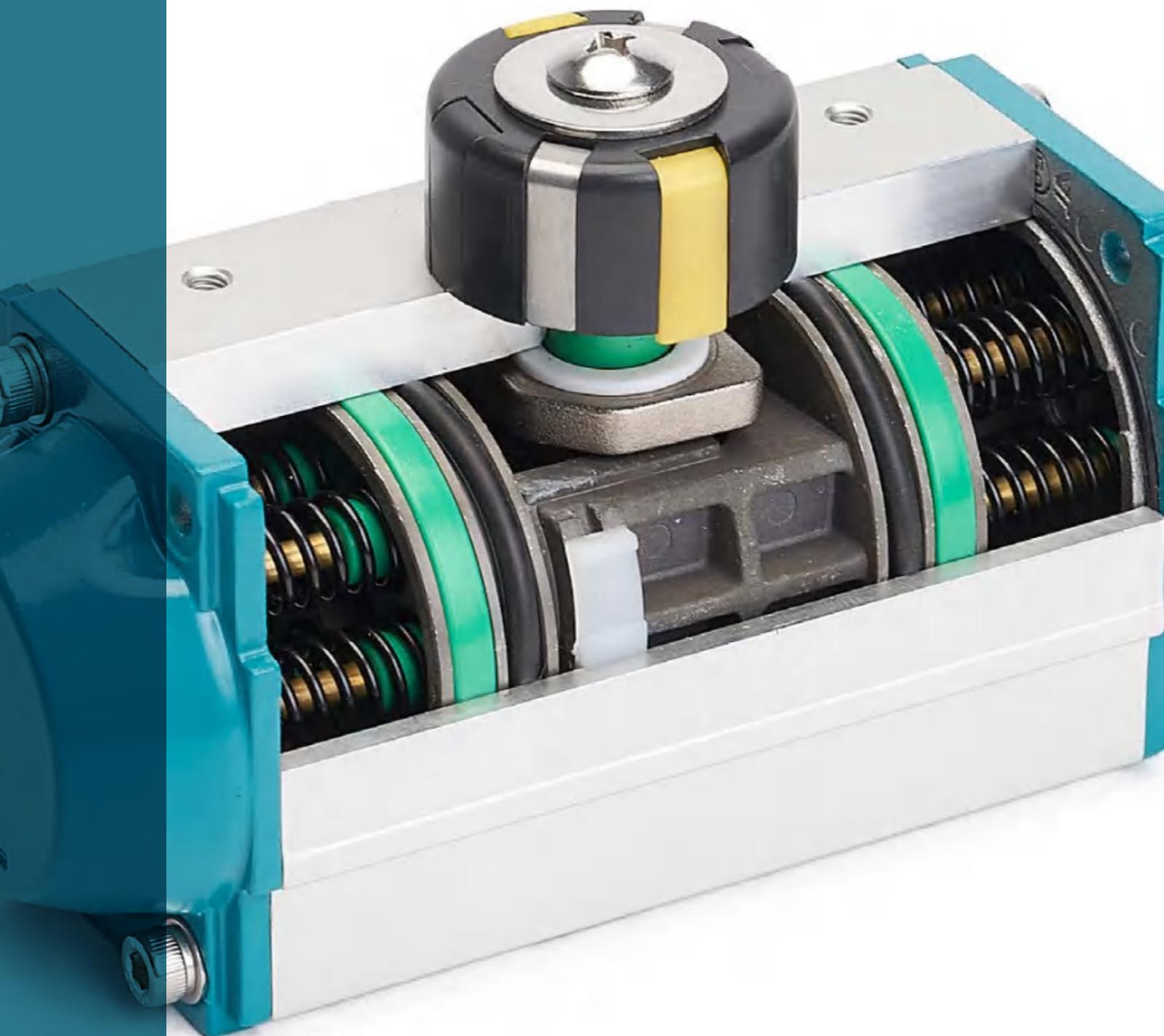
- Connection:** Fig. 223 wafer, Fig. 224 lug  
**Size range:** DN25-DN2000  
**Pressure rating:** Vacuum 0,01 bar absolute;  
 16 BAR: DN25-DN200  
 10 BAR: DN250-DN2000  
**End connection:** DN40 - DN300 EN1092 PN10, PN16;  
 ANSI B16.5 CLASS150;  
 JIS B 2239 10K, 16K;  
 BS10 Table D, Table E  
**Face to face:** EN558 Series 20, API 609 Table 1  
**Tightness test:** ISO 5208 Rate A, API 598 Table 5 {medium: water}  
**Body:** GGG40, SS316  
**Disc:** SS201, SS304, SS316, SS316L, 2507, 2205, Nylon coated DI  
**Seat:** NBR, EPDM-H, FPM-A, FPM-B (steam resistant), PTFE,  
 NBR-DVGW, HNBR, FEPM, FDA-EPDM, Silicone



**Option: Nylon disc.**



“Products with  
long lifetime.”



# ACTUATORS

**Fig.540 | Double acting pneumatic actuator**

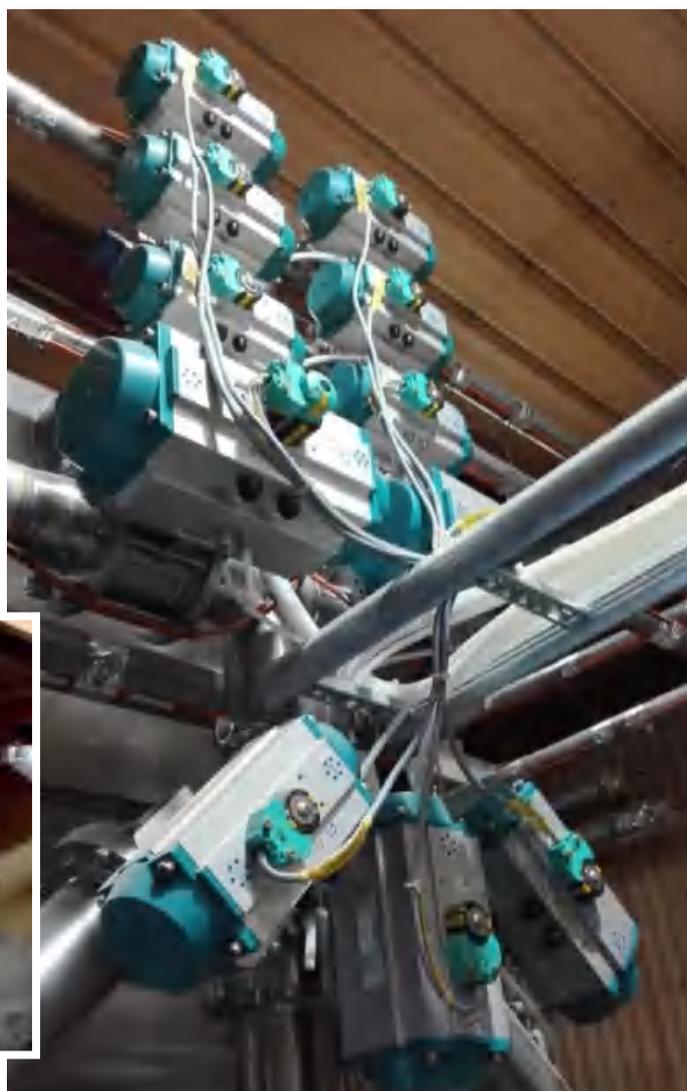
**Fig.541 | Spring return pneumatic actuator**

**Principle:** Rack and Pinion  
**Output/ 6bar:** 7Nm to 9300Nm for Fig.540  
 6Nm to 3800Nm for Fig.541  
**Operating temp.:** -20°C ~ +80°C : standard (NBR O-ring)  
 -40°C ~ +80°C : Low temperature (Silicone O-ring)  
 -20°C ~ +150°C: High temperature (FPM O-ring)  
**Air supply:** 2,5 bar - 8 bar

- CE, ATEX and SIL approved.
- ISO5211, VDE/VDI and NAMUR connection standards.
- Visual indicator prepared for inductive sensor as standard.
- Patented pistons for longer life time.

 **CE SIL** ATEX, CE and SIL

Our actuators can be delivered full SS316 or PTFE coated with SS316 bolting and stem.



# ELECTRIC ACTUATORS

**Fig.555 | Electric actuator**

<b>Torque:</b>	30Nm - 6000Nm
<b>Ambient temperature:</b>	-25 ~ +70°C
<b>Shell:</b>	IP67. NEMA 4 og 6 Optional: IP68, Exd II CTS
<b>Voltage:</b>	220VAC/1ph (Standard) 380V/440V 3ph, 50/60Hz, ±10% 24/110/220VDC
<b>Limit switch:</b>	2 × open/close, SPDT, 250VAC 10A
<b>Auxiliary limit switch:</b>	2 × open/close, SPDT, 250VAC 10A
<b>Travel (Standard):</b>	Standard 90° ± 10°; 0° ± 270° on request



**Fig.556 | Compact electric actuator**

<b>Torque:</b>	30Nm - 5000Nm
<b>Ambient temperature:</b>	-25 ~ +70°C
<b>Shell:</b>	IP67. NEMA 4 and 6
<b>Voltage:</b>	220VAC/1ph (Standard); 380V/440V 3ph, 50/60Hz, ±10% 24/110/220VDC
<b>Limit switch:</b>	2 × open/close, SPDT, 250VAC 10A
<b>Auxiliary limit switch:</b>	2 × open/close, SPDT, 250VAC 10A
<b>Travel:</b>	Standard: 90° ± 10°; 0° ± 270° on request.



“The best solutions with many features and high quality.”



# CHECK VALVES

**Fig.63M | Dual plate check valve**

**Connection:** Wafer  
**Size range:** DN50 - DN2000  
**Pressure rating:** 16bar for DN50 - DN600  
 10bar for DN700 - DN2000

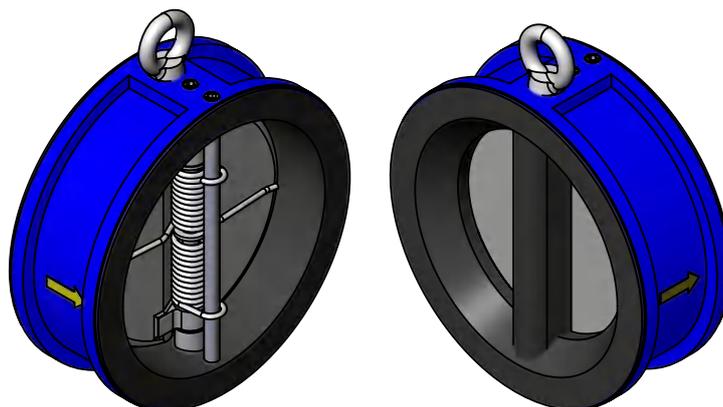
**Flange accommodation:** DN50 - DN300: EN1092 PN10/16/25/PN40.  
 ANSI B16.5 CLASS150/300/600  
 DN350 - DN1200: EN1092 PN10/16/25.  
 ANSI B16.5 CLASS150/300  
 DN1350 - DN1500: ASME B16.5 CLASS150/300  
 DN1650 - DN2000: AWWA C207

**Body:** GGG40, WCB, SS304, SS316, 2507  
**Disc:** SS304, SS316, 2507  
**Seat:** NBR, EPDM, FPM, metal



- Reduced size - weight - cost because of the integrated design.
- Springs helps to reduce water hammer.
- High Kv values.
- Horizontal or vertical installation available.

Check valve with C5 coated body, EPDM seat and the rest of the parts in SS316 as standard.



**Fig.614/615 | Thin wafer check valve**

**Connection:** Wafer. Fig.614 without spring, Fig.615 with spring  
**Size range:** DN40 - DN1000  
**Pressure rating:** PN10/PN16/PN25/PN40, CLASS150  
**Opening pressure:** 7mbar for horizontal installation  
 12-44mbar for vertical installation

**Flange accommodation:** EN1092 PN10, PN16, PN25, PN40.  
 ANSI B16.5 Class150  
 DN250-DN1000: 10 BAR

**Face to face:** Industrial standard  
**Tightness test:** Rubber seated: ISO 5208 Rate A, API 598 Table 6  
 Metal seated: ISO 5208 Rate D, API 598 Table 6

**Body:** WCB, SS316, SS304, 2507  
**Disc:** SS201, SS304, SS316, 2507  
**Seat:** NBR, EPDM, FPM, PTFE, Metal





## CORELINE A/S

Take us just for the valves, but we can do so much more than that!

At Coreline, we are specialists in valves. Constant focus on quality and well-educated employees make us an attractive and preferred business partner at all times and supplier. A product never stands alone. Therefore, expect lots of know-how, trustworthy sparring and a business partner who focuses on the best solution for you.



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