# **NOZ-CHEK®**

NOZ-CHEK® Clad

Axial Non-Slam Check Valve

www.cranecpe.com

NOZ-CHEK® Axial Non-Slam Check Valves are now available with Clad lining for high pressure services.

## **Key features include:**

- Clad Lining: Full internal wetted area is weld overlayed with 3mm clad lining
- **High Pressure Class:** Available for up to API 20,000 Pressure classes, and ANSI 2500
- **Threaded Diffuser Assembly:** Threaded diffuser base eliminates sealing area misalignment and ensures valve integrity over full lifetime of valve
- 4 Locking Snap ring: Threaded diffuser for Hub End and Weld End valves are additionally secured with snap ring to prevent diffuser unscrewing over long term operation





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#### **Technical Data**

- Cast material body and disc assembly
- Threaded diffuser base
- Locking snap ring
- Zero Body Penetrations No Fugitive emissions



#### **Typical Applications**

- Gas Skids
- Sour Gas Application
- Corrosive Application
- High Pressure Gas Applications

#### **Size Range\***

• 2" up to 24" / DN 50 up to DN 600

#### **Pressure Rating**

- API 6A Pressure Class
   13.8 MPa-138.0 Mpa (2.000 to 20.000 psi)
- ASME class 150 2500 / PN 10, 16, 25, 40, 63, 100

#### **Materials of Construction**

WCB base material with:

- Inconel 625 Cladding
- · Alloy 825 Cladding
- Stainless Steel Cladding
- Other internal parts to match Cladding

### **Body Configurations**

- Manufacturer's standard face to face
- API 6D face to face

#### **End Connections**

- Hub End
- Weld End
- Flanged
- RTJ
- Raised Face / Flat Face

# CLADDING BASE MATERIAL

Clad Axial Non-Slam Check Valve

### Compliance

- API 598
- ASME B16:34
- API 6FA
- PED (CE Marking)

## **Temperature Range**

Standard	Unit	Temp.	Base Material	Cladding Material
ASME	°C	-29 ℃ to 399 ℃	ASTM A216 WCB	Inconel 625
		-29 °C to 427 °C	ASTM A216 WCB	Stainless Steel
		-29 °C to 350 °C	ASTM A216 WCB	Alloy 825
	°F	-20 °F to 750 °F	ASTM A216 WCB	Inconel 625
		-20 °F to 800 °F	ASTM A216 WCB	Stainless Steel
		-20 °F to 662 °F	ASTM A216 WCB	Alloy 825

Equivalent materials to DIN standards also available in these ranges.

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#### Crane ChemPharma & Energy, NOZ-CHEK®

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