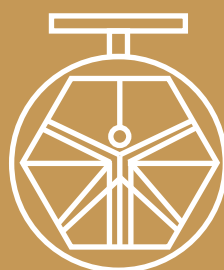
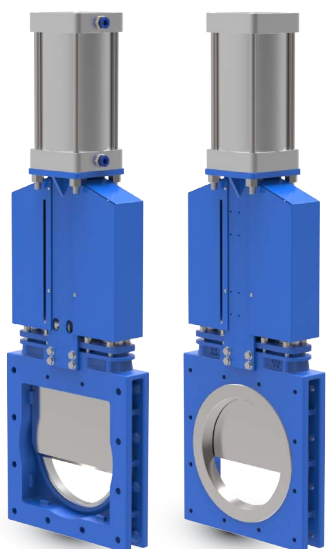


**GROUP 800  
KNIFE  
VALVES MOD.  
880/111**



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# **TECHNICAL DATA SHEET**

## **WATER Series**

**UNIDIRECTIONAL SEALING KNIFE VALVE**

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**QUALITY  
ASSUREMENT**

**DAVINCI  
VALVES™**



**PRODUCT QT  
ASSUREMENT**

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VALVES™**



**COMPANY QT  
ASSUREMENT**

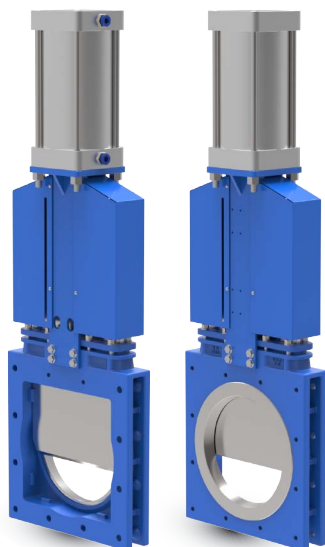
[www.davincivalves.com](http://www.davincivalves.com)

18 Dongyu Street, Square One,  
11th Floor 1101, Jinjiang District,  
Chengdu, Sichuan CHINA

10F/Tower A, Billion Center,  
1 Wang Kwong Road, Kowloon Bay  
Kowloon HONG KONG

## UNIDIRECTIONAL SEALING KNIFE VALVE

Ref.880A / PN 10-16



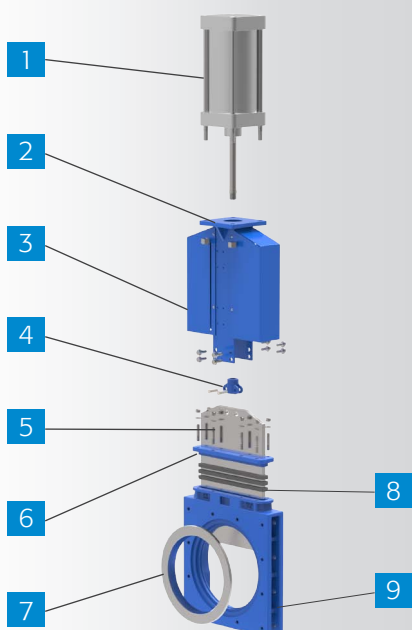
**Model:** QDZ43X  
**Working Pressure:** DN150-DN200 10bar  
 DN250-DN400 7bar  
 DN450-DN550 5bar  
 DN600-DN700 3bar  
**Type:** Flange  
**Design Standard:** MSS SP-81  
**Flange Standard:** PN10/PN16 150LB 10K TE TD  
**Face to Face:** MSS SP-81  
**Testing Standard:** API-598  
**Operation:** handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear  
**Main material:** GGG40,WCB,CF8,CF8M  
**Wedge material:** SS316L,SS304  
**Sealing material:** EPDM,Metal to Metal  
**Packing:** Aramid fiber,high-water-based rubber packing graphite wheel  
**Applicable medium:** Applicable for Dust,Solid Particles,Coal, oil, chemical and so on.Slag, cinder,dislagging recommend.

### Features:

- # Unidirectional seal
- # 1PC Body design
- # Full port design
- # Valve cavity no detention
- # Dust cover protect stem
- # Mixed with a variety of materials packing

### Product Description:

QD Series The type of unidirectional knife gate valve is sealed between the gate plate and the closed cover. It is mainly metal seal. This type of Valve is preferably installed horizontally. It is widely used in other fields such as power plants and other fields with the advantages of non-jammed materials, solid structure, and long life.



Code	Name	Material	QTY
1*	Cylinder	Aluminum	1
2	Yoke	A3	1
3	Dust Cover	A3	2
4	Chuck	WCB	1
5	Disc	SS304/SS316L	1
6	Packing Gland	WCB/CF8	1
7	Seat Contrainer	WCB/CF8	1
8	Packing	Aramid PTFE	3-5
9	Body	WCB/GGG40/CF8	1

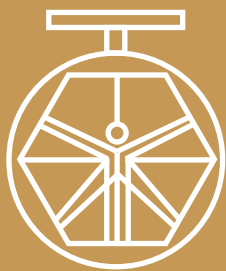
\* electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear available

All the components can be substituted with equivalent or higher-class materials.

DAVINCI VALVES LTD is constantly looking at all ways of improving our products and services related to the water, fier and industry sector and therefore we reserve the right to change, without prior notice, any of the data contained here. Please contact our Technical Sales Department for detailed advice.  
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