



## DESCRIPTION

KVS 311 butterfly valve is wafer type designed for installation between flanges without requiring any gaskets and drilled in accordance to major flange standards example BS, DIN, ANSI and JIS. They can be installed in horizontal and vertical positions on the piping systems. It is widely used in HVAC, Fire protection system, water treatment plant, petrochemical and power plant. Epoxy resin coating of whole body.

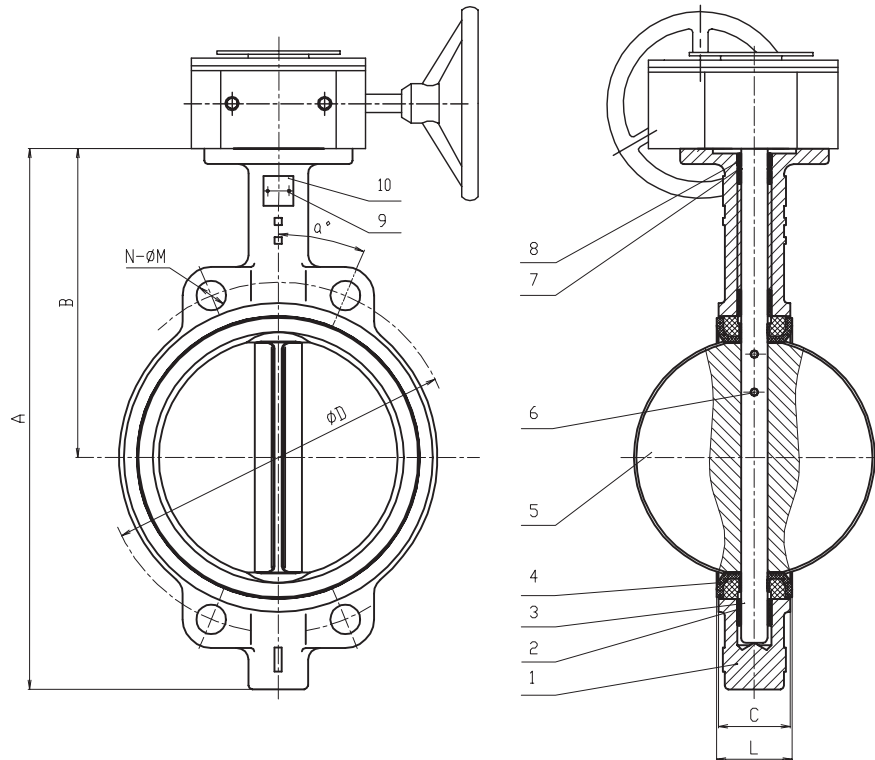
## APPLICATIONS

Suitable for water, oil, air, gases and others non-aggressive media.

## SPECIFICATION

- Valves are manufactured in accordance with BS 5155
- End connection: Flanges are according to BS 4504 PN16
- Operating pressure: 16 bar
- Shell test pressure: Up to 24 bar
- Temperature rating: -20°C to +130°C for EPDM, -10°C to +80°C for NBR
- Top flange dimensions: ISO 5211
- Available sizes: DN 50 to DN 300.
- Actuation: Gear operated
- Optional: Pneumatic or Electric actuated

## DRAWING



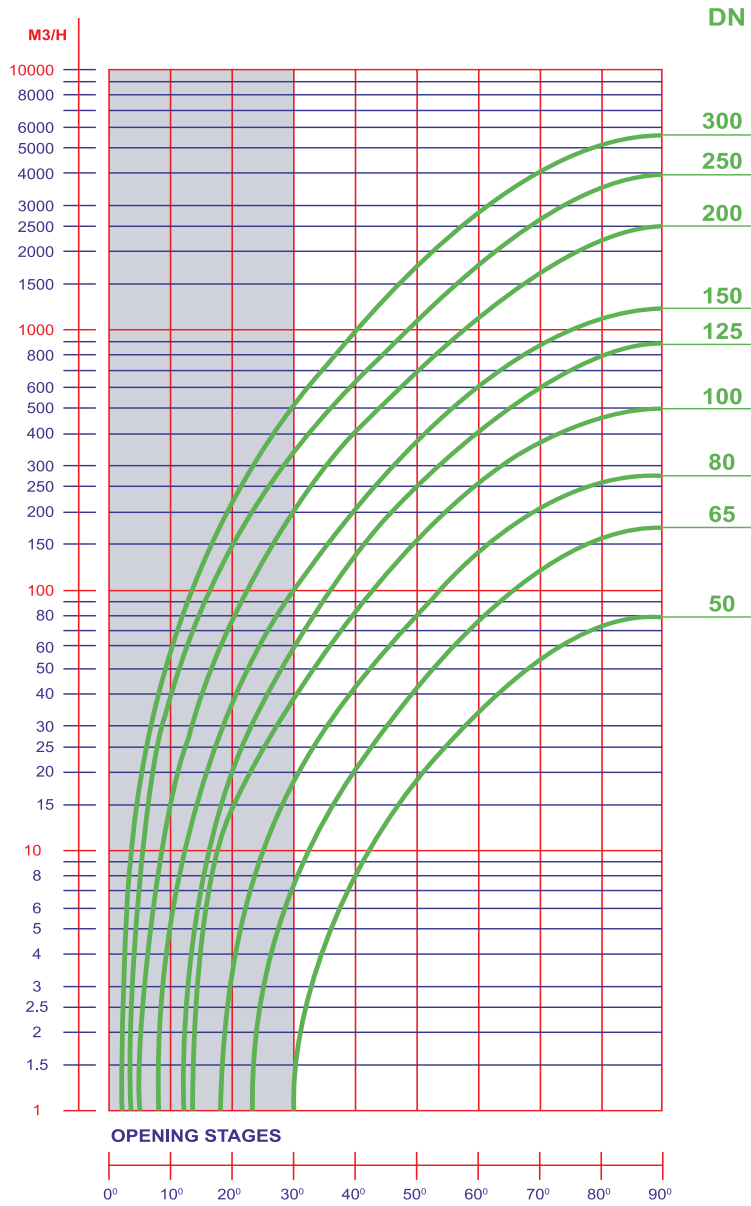
## MATERIALS

No.	Component	Material	Standard BS EN
1	Body	Cast Iron	BSEN1561
2	Long Bushing	PTFE	
3	Shaft	Stainless Steel	410S21
4	Seat	EPDM, NBR	
5	Disc	Ductile Iron + Nickel, CF8	BS2789, 316C16
6	Taper Pin	Stainless steel	316C16
7	"O" Ring	EPDM, NBR	
8	Short Bushing	PTFE	
9	Plate Rivet	Aluminium	
10	Plate	PTFE	

## DIMENSIONS

Size		A (mm)	B (mm)	C (mm)	L (mm)	ØD (mm)	N-ØM	α°
DN	INCH							
150	6"	365	226	65.63	70	Ø240	4-Ø22	22.5°
200	8"	435	260	60.58	80.1	Ø295	4-Ø22	15°
250	10"	495	292	65.63	70	Ø355	4-Ø28	15°
300	12"	579	337	76.9	80.1	Ø410	4-Ø28	15°

Kv Graph



Kv (m<sup>3</sup>/h)

Size		10°	20°	30°	40°	50°	60°	70°	80°	90°
DN	INCH									
250	10"	8	122	379	849	1032	2417	4443	8449	9001
300	12"	9	154	439	930	1821	2601	4831	8618	9743

**KVS VALVE, INC.**

34572 Hoca Hanım v Karaköy / İstanbul/TÜRKİYE

Tel: +90.212.259.6687 ; Fax : +90 (252) 316 88 43 (pbx)

Website: <http://www.kvsvalve.com>

