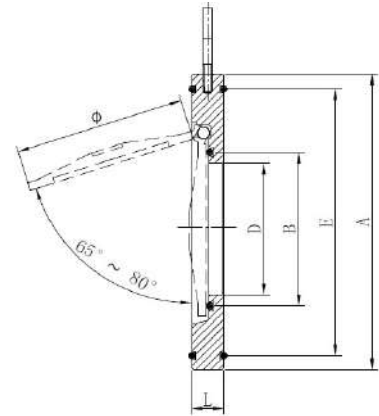
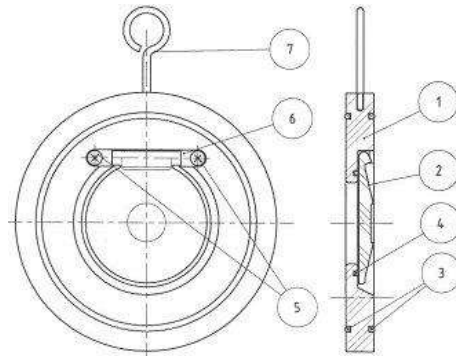


## Art2406 Single Disk Wafer Check Valve

### Features

1. Wafer check valve (single disk).
2. Made of Stainless Steel 1.4408 (CF8M).
3. External o'ring made of FKM (Viton).
4. Disk o'ring (seat) made of FKM (Viton).
5. Assembly between flanges EN 1092 PN10/16 & ANSI150.
6. Installed with vertical ( $\uparrow$ ) or horizontal flow.
7. Max. Working pressure 16 bar.
8. Working temperature  $-20^{\circ}\text{C} +180^{\circ}\text{C}$ .
9. Low head losses.



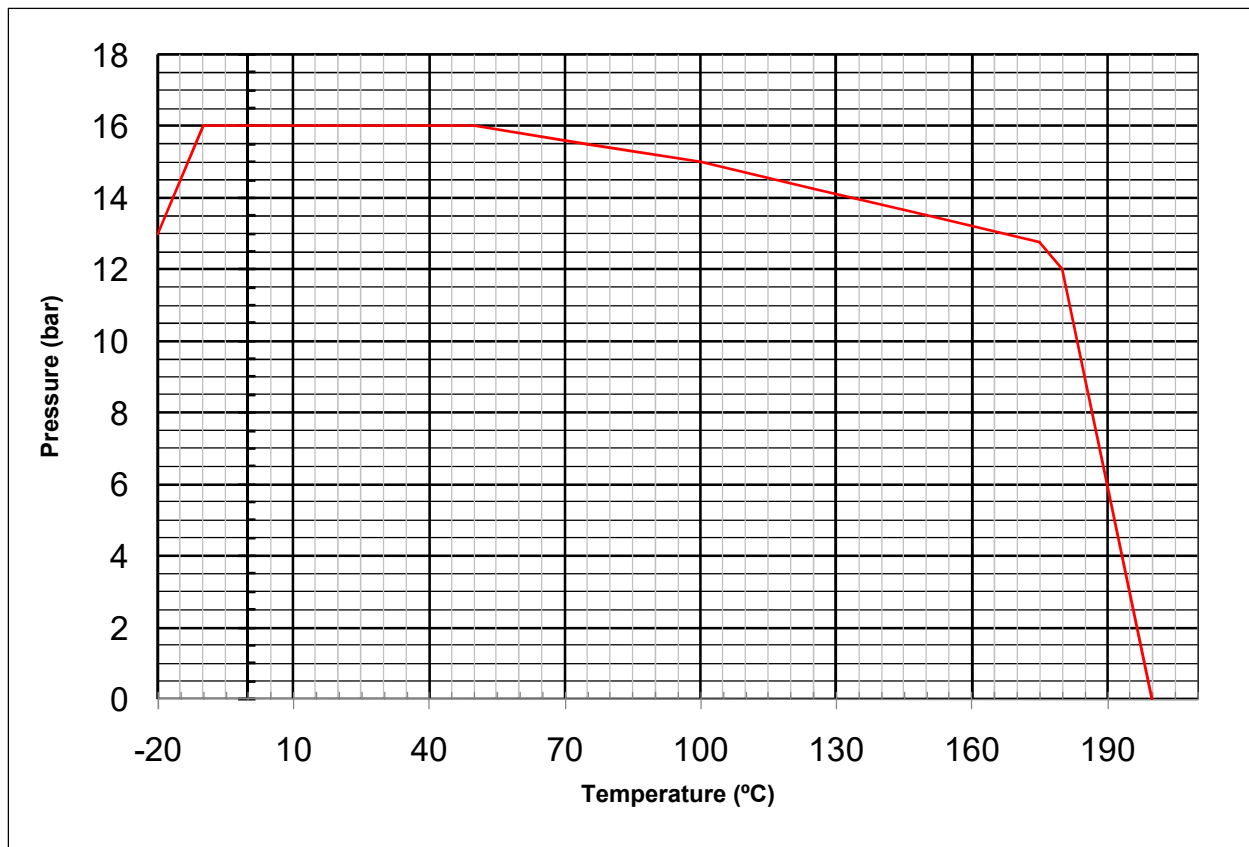
N°	Name	Material	Surface Treatment	Spare Part Code
1	Body	Stainless Steel 1.4408	Shot Blasting	
2	Disk	Stainless Steel 1.4408	Shot Blasting	
3*	External O-Ring	FPM		K2406
3*	Disk O-Ring	FPM		K2406
5	Axis Screw	Stainless Steel 316		
6	Stem Stopper	Stainless Steel 316		
7	Hook	Steel	Zinc Plated	

\* Spare parts available

## General Dimensions

Ref	Size	PN	Dimensions (mm)						Weight (Kg)
			A	B	D	E	L	Ø	
2406 08	1 1/2"	16	85	33	25	68	12	40	0.450
2406 09	2"	16	105	41	32	84	14	47.5	0.790
2406 10	2 1/2"	16	124	51	40	96	14	63	1.110
2406 11	3"	16	136	65	54	118	14	74	1.340
2406 12	4"	16	164	85	70	148	18	92	2.300
2406 13	5"	16	194	106	92	166	18	116	3.100
2406 14	6"	16	220	130	114	197	20	138	4.500
2406 16	8"	16	275	170	154	249	22	179	7.150
2406 18	10"	16	330	220	200	310	26	230	11.950
2406 20	12"	16	380	255	230	358	30	270	20.500

## Pressure/Temperature Ratings

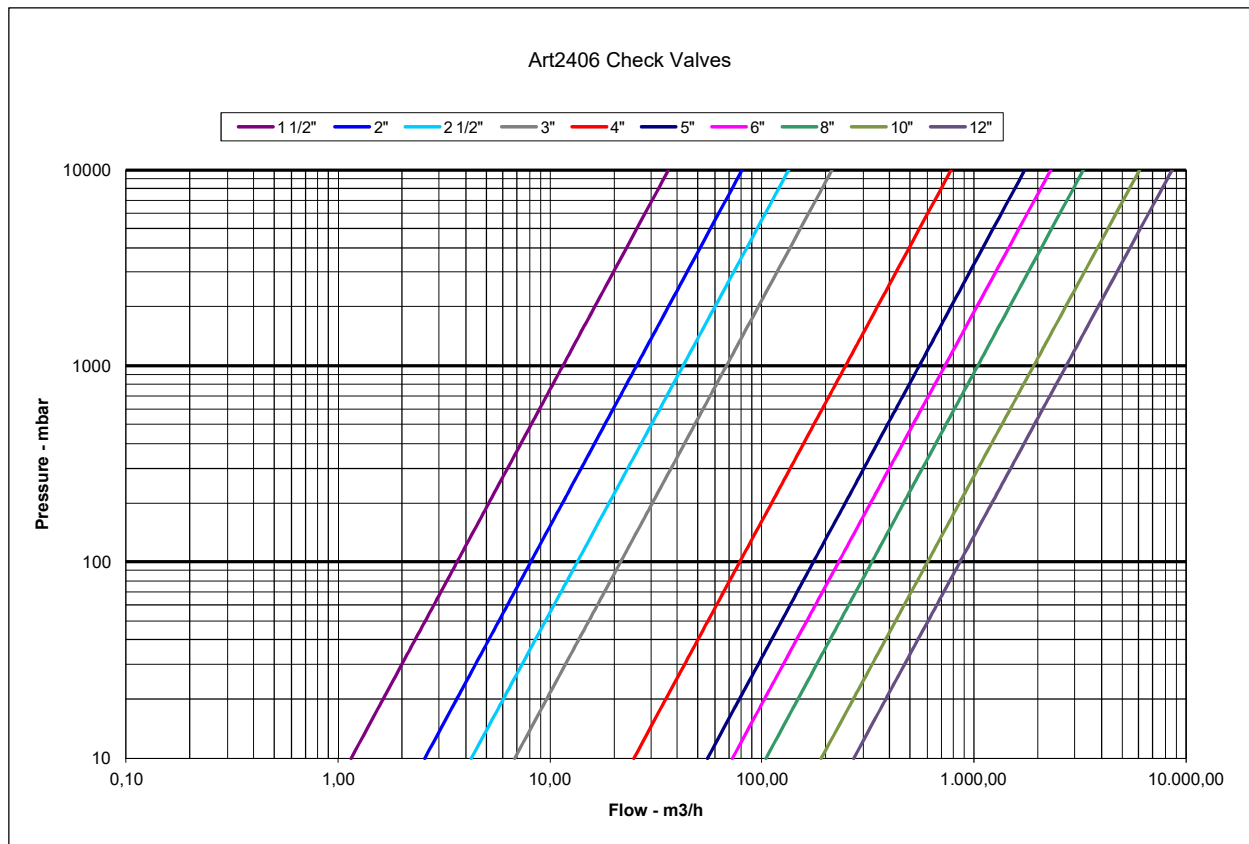


## Kv Values

Kv (m<sup>3</sup>/h): Water flow rate in cubic meter per hour generating a 1 bar pressure drop across the valve.

D	Inch	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
Kv	m <sup>3</sup> /h	11,5	25,5	42,5	68	248	550,5	729	1045	1907	2720

## Head Loss Chart



## Opening Pressure (mbar)

Flow	DN40 ~ DN150	DN200 ~ DN300
→	≈ 0	≈ 0
↑	6	9