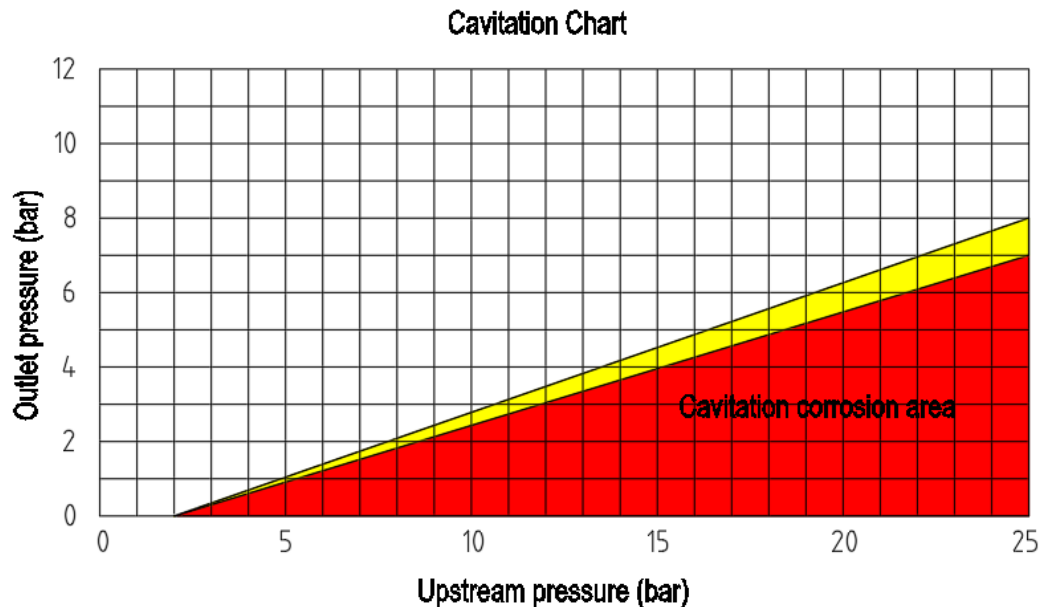


SK720X Technical Data

Q1: Cavitation zone curve for the SK720X

A1:



Q2: Is the pressure inlet is fixed, or we it can be any value and should to b3 3:1 to outlet?

A2: The inlet pressure is not a fixed value, it is determined based on the pipeline pressure. It should not exceed the rated working pressure of the valve and should not be lower than 0.2Mpa. Within this range, it can be set to any value. Inlet pressure: The outlet pressure does not necessarily have to be maintained at a ratio of 3:1, but it is recommended not to exceed 3:1. Excessive pressure difference can lead to problems such as cavitation, noise and vibration

Q3: Is there any volume flow rate value and how to calculate it.

A3:KV rates (m³/h)

DN	50	65	80	100	125	150	200	250	300
Kv	41	53	105	175	285	402	730	1160	1400

Calculate:

1. Commonly calculation formula:

$$Q = A \times v \quad \text{Including:}$$

Q = Volume Flowrate

A = Cross-sectional area for flow [m²]

v = average velocity [m/s]

2. Based on pressure difference (general)

$$Q = \sqrt{(\Delta P/S)} \times K_v \quad \text{Including:}$$

ΔP = pressure difference

S = specific gravity (water is 1)

K_v = flow coefficient

Q4: What is the stroke value of valve?

A4:

DN	50	65	80	100	125	150	200	250	300
stroke value (mm)	15	17	21	23	36	48	58	68	86