

**Vacuum breaker
HVK-34**

ENG

FEATURES

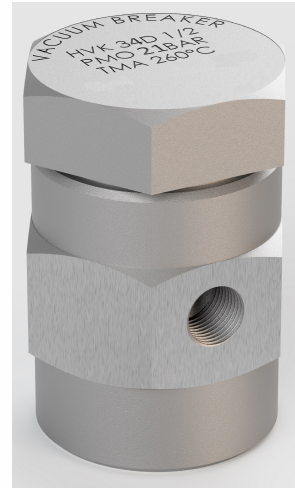
*HVK-34 is a Vacuum Breaker, designed as stainless steel body.
It can be used up to 21 bar for steam or water applications.
No need general maintenance for HVK-34.
No need replacement for spare parts.*

It prevents vacuum in the pipeline system and process equipments and helps for discharging condensate from pipeline.

Precision stainless steel ball provides leakproofing.

Cooling ; Evaporation starts with down in steam pressure. Stainless steel ball remains on top of the seat when the top of the pressure arrives lower point of atmosphere pressure.

It leaves from seat at vacuum point. Air arrives from top and prevents the vacuum.



WORKING CONDITIONS

Nominal Pressure	PN25		
Max. Design Pressure	PMA	Bar	25
Max. Design Temperature	TMA	°C	400
Max. Working Pressure	PMO	Bar	21
Max. Working Temperature	TMO	°C	400

INSTALLATION

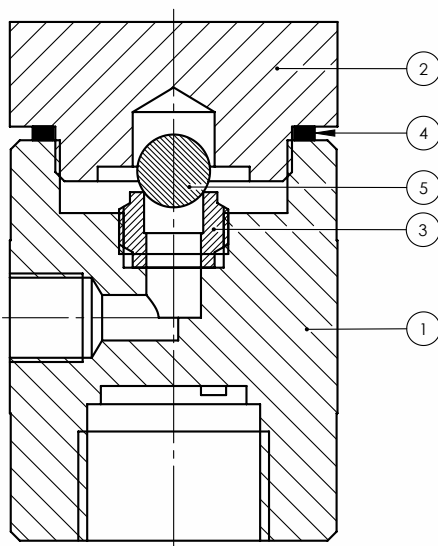
- Check Max. Pressure and Temperature values.
- Check Flow Rate direction and installation direction.
- Remove protection caps.
- Be sure operating of system after installation or maintenance.
- The vacuum breaker must be installed in a vertical position with the cap at top and must be placed at the highest point in the system.

Applications

- Iron Machines
- Drying Units
- Pressing Units
- Steam Jacket Pipelines

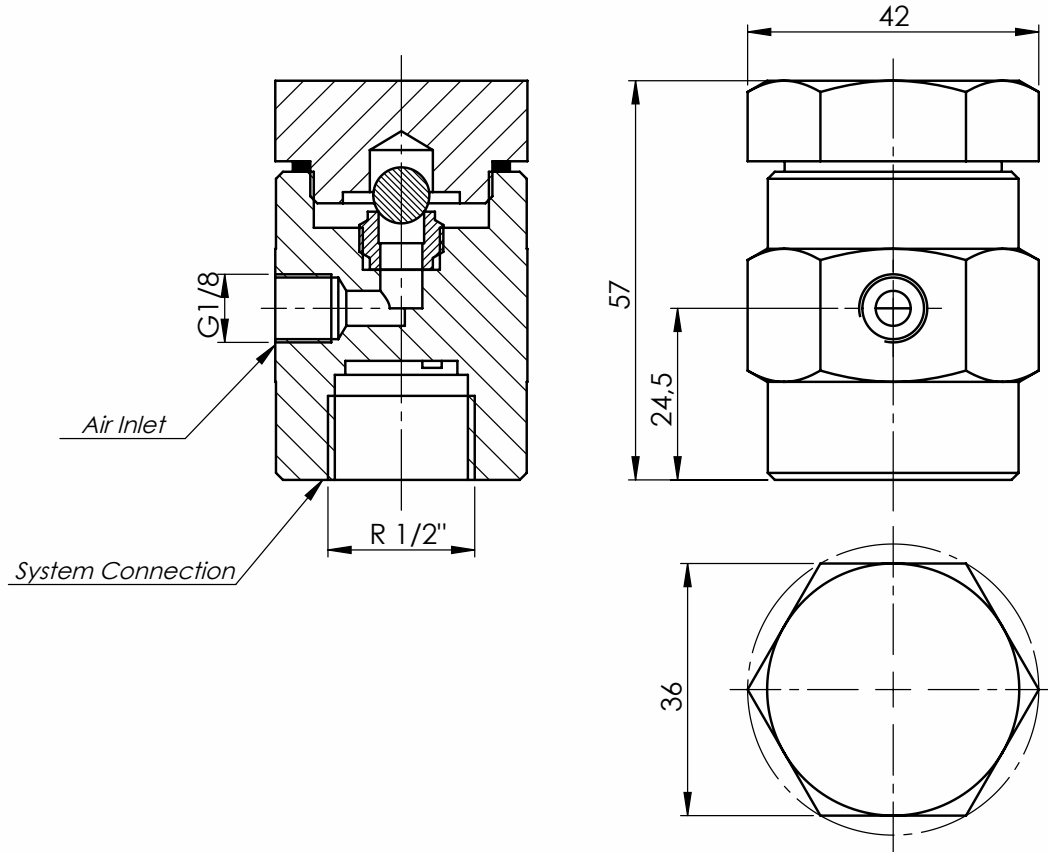
Connection Type

- 1/2" Screwed BSP or NPT - Connection to Pipeline
- 1/8" Screwed BSP or NPT - Vacuum Connection



1	Body	AISI 304
2	Cover	AISI 304
3	Seat	AISI 304
4	Gasket	AISI 304
5	Valve	AISI 304

DIMENSIONS



CAPACITY

SIZE		ΔP (mm / Hg)									
		25	30	40	50	100	150	200	250	300	400
HVK 34	dm ³ / s	0.71	0.76	0.82	0.96	1.35	1.57	1.80	1.93	2.10	2.38