



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

HV gate valve, Series 110, DN 200 (ID 8'')
Ordering No. 11046-TE08

Description

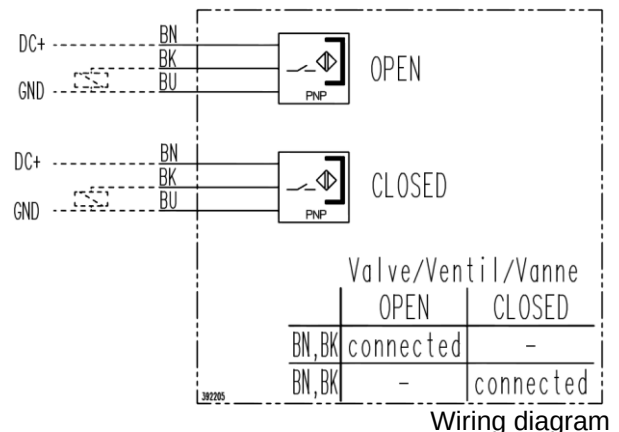
Flange	ASA-LP 200
Actuator	Manual, handwheel – with position indicator
Feedthrough	Bellows

Technical data

Leak rate	– Valve body – Valve seat	$< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$ $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$
Pressure range		$1 \cdot 10^{-8} \text{ mbar}$ to 1.6 bar (abs)
Differential pressure on the gate		$\leq 1.6 \text{ bar}$
Differential pressure at opening		$\leq 30 \text{ mbar}$
Conductance (molecular flow)		$12\,200 \text{ ls}^{-1}$
Cycles until first service		200 000 (unheated and under clean conditions)
Temperature	– Valve body – Actuator – Position indicator	$\leq 150 \text{ }^{\circ}\text{C}$ $\leq 80 \text{ }^{\circ}\text{C}$ $\leq 50 \text{ }^{\circ}\text{C}$
(Maximum values: depending on operating conditions and sealing materials)		
Heating and cooling rate		$50 \text{ }^{\circ}\text{C h}^{-1}$
Material (main components)	– Valve body – Mechanism – Bellows	AISI 304 (1.4301) AISI 316L (1.4404) AISI 633 (AM350)
Seal	– Bonnet – Gate – Actuator	FKM (Viton®) FKM (Viton®), vulcanized FKM (Viton®), NBR
Mounting position		any

Position indicator

Type	PNP NO with LED
Voltage	10 – 30 V DC
Current max.	200 mA
Power max.	10 W
Cable length	1800 mm / 70.9 inch



Wiring diagram