

## UHV GATE VALVES

**BAKEABLE TO 250°C**  
**SMALL SIZES**  
**HIGH CONDUCTANCE**  
**MOUNTING IN ANY POSITION**

UHV gate valves have been designed for best conductance and minimum size for easy installation in any attitude.

Well suited for system requiring high reliability and low outgassing in ultra high vacuum applications, these valves are realized in stainless steel with high density o-ring seal.

Standard features include welded magnetic rotary feedthrough and UHV surface treatment to achieve very low outgassing.

These lines of valves are manually operated and are flanged CF40 and CF63.

The valves open against pressure of 2 bar both sides.



### BODY MATERIAL

316L Stainless steel

### MANUAL ACTUATOR

Self-locking hand wheel

### SEALING MATERIAL

Plate : High Density Elastomer o-ring

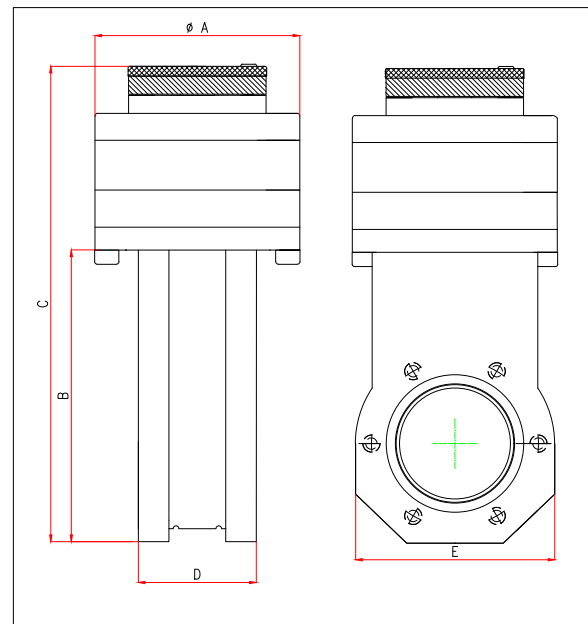
Bonnet : Silver coated Cu OFHC seal

### FEEDTHROUGH

**welded StSt cylinder**

### LEAK RATE

<5.10<sup>-10</sup> mbar l/s



Special flanges supplied to customer's specifications

### DIMENSIONS

CF flanges	DN (nominal ID)	A	B	C	D	E
CF40	39	72	102	189	44	70
CF63	63	100	148	242	55	114