

## DN16 - DN160 CF-F

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INFICON offers a wide range of industrial approved viewports which fit into all applications where a view port is needed.

Viewports are available in:

- kodial glass
- sapphire glass

Available flange designs ISO-KF / ISO-K / ISO-F and CF corresponds to our fitting line.



### ADVANTAGES

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- Protection window
- With Fe-Ni alloy as transition material
- 2011/65/EU RoHS compliant

### ORDER INFORMATION

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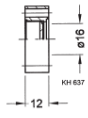
Type	DN 16 CF-F	DN 40 CF-F	DN 40 CF-F (sapphire glass)	DN 63 CF-F	DN 100 CF-F	DN 160 CF-F
Sapphire sight-glass DN 40 CF-F			214-032			
Screw set for sight glass DN16CF,6pieces	213-416					
Sight glass DN 100 CF-F					214-024	
Sight glass DN 16 CF-F	214-021					
Sight glass DN 160 CF-F						214-025
Sight glass DN 40 CF-F		214-022				
Sight glass DN 63 CF-F				214-023		

## SPECIFICATIONS

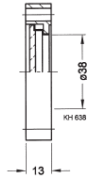
Type		DN 16 CF-F	DN 40 CF-F	DN 40 CF-F (sapphire glass)	DN 63 CF-F	DN 100 CF-F	DN 160 CF-F
Vacuum connection		DN 16 CF-F	DN 40 CF-F	DN 40 CF-F	DN 63 CF-F	DN 100 CF-F	DN 160 CF-F
Window		kodial glass	kodial glass	sapphire glass	kodial glass	kodial glass	kodial glass
Seal		iron/nickel	iron/nickel	iron/nickel	iron/nickel	iron/nickel	iron/nickel
Flange		stainless steel 304/1.4301	stainless steel 304/1.4301	stainless steel 304/1.4301	stainless steel 304/1.4301	stainless steel 304/1.4301	stainless steel 304/1.4301
Bakeout temperature	°C	400	400	400	400	400	400
Tightness	mbar•L/s	$5 \times 10^{-11}$	$5 \times 10^{-11}$	$5 \times 10^{-11}$	$5 \times 10^{-11}$	$5 \times 10^{-11}$	$5 \times 10^{-11}$
Pressure (absolute)							
Min.	mbar	$1 \times 10^{-10}$	$1 \times 10^{-10}$	$1 \times 10^{-10}$	$1 \times 10^{-10}$	$1 \times 10^{-10}$	$1 \times 10^{-10}$
Pressure (absolute)							
Max.	bar	2	2	2	2	2	2
Max. at 200°C	bar	1.5	1.5	1.5	1.5	1.5	1.5
Max. at 400 °C	bar	1	1	1	1	1	1
Window thickness	mm	1.5	3	3	3.5	6	8
Weight	kg	0.04	0.24	0.35	0.85	1.4	2.8

## DIMENSIONS

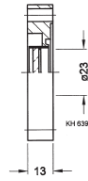
214-021



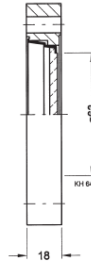
214-022



214-032



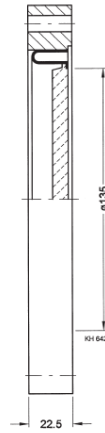
214-023



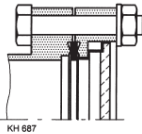
214-024



214-025



### Mounting



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