



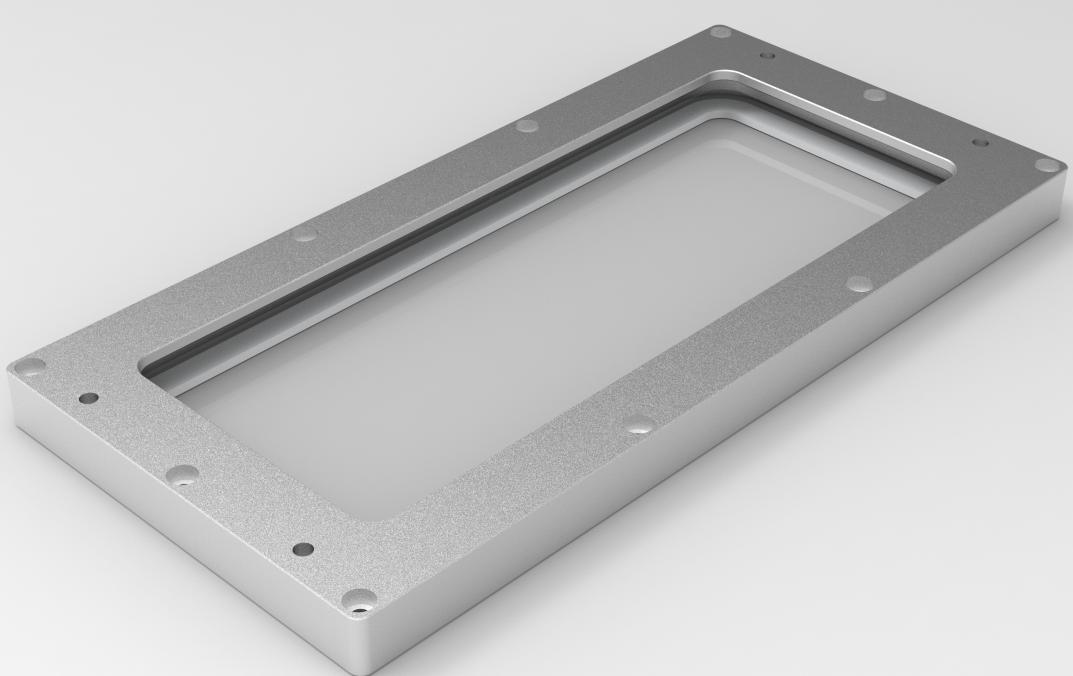
Viewport Catalog | 2020  
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# Introduction of square integral View port



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5. Major customer (Based on the manufacturer of the last equipment used)

# 1. Property

	Specification	Description	Remark
1	Conditions of application	High vacuum	When using for pressurization, prior consultation is required
2	Sealing O-Ring	Viton / 5.33mm	Standard
3	Damper O-Ring	Viton / 3.5mm	Standard
4	Leak rate	$7.0 \times 10^{-10}$ Pa m <sup>3</sup> /s	Under Room Temp
5	Recommended temperature for use	Under 120 ( Viton )	It is determined according to the conditions of use.
6	Fixing Bolt	Material SUS & Size is various	Please Check modeling
7	Handle	Used for large view ports	It's a Jig, not a part. The quantity supplied is 1 at delivery.

## 2. Production lineup in square integral view port

	Product Number	Open Area	3D Modeling
1	JKR2510-G-A-V	248x98x26R	
2	JKR3010-G-A-V	301 x 101 x25R	
3	JKR3015-G-A-V	297x147x25R	
4	JKR3315-G-A-V	330x130x10R	

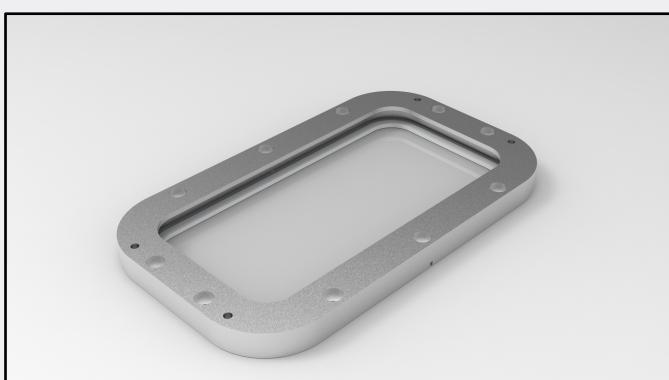
1. JKR2510-G-A-V



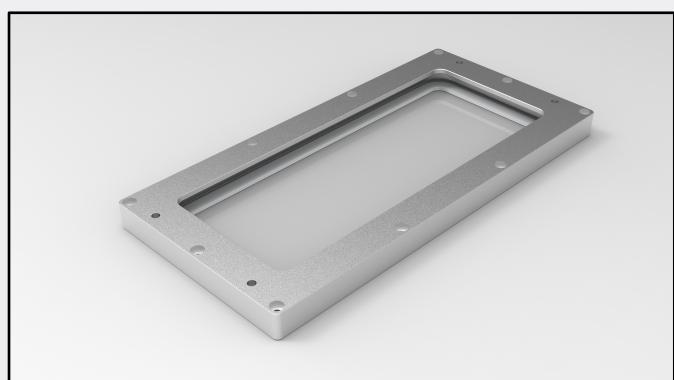
2. JKR3010-G-A-V



3. JKR3015-G-A-V

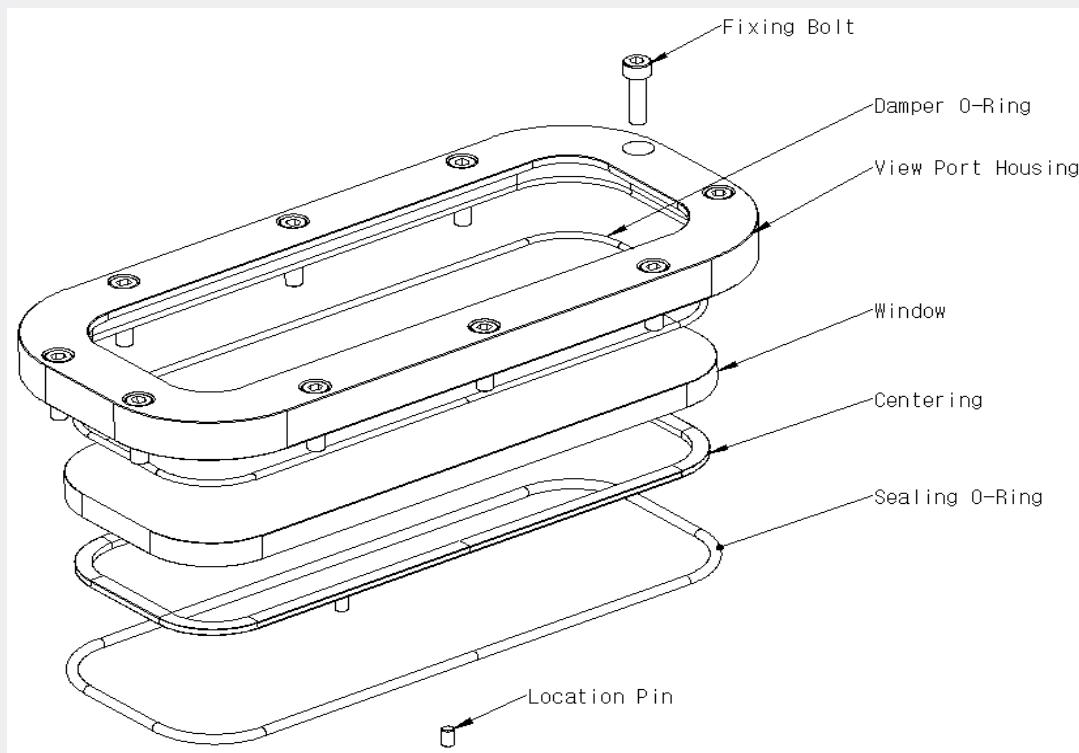


4. JKR3315-G-A-V



### 3. How to decide product Number

Structure of Integral View port



JKR 3015 - G - A - V - A - AB

**Option** AB : Anodizing /Black

**Centering**      A - Al6061 T6 / CP  
                      S - SUS304 / EP

**Sealing O -Ring**      V - Viton/5.33

**Housing Material**      A - Al6061 T6 /CP  
                              S - SUS304 / EP

**Window Material**      G - Soda Lime /Tempered  
                              P - Borosilicated /Tempered  
                              Q - Quartz  
                              S - Sapphire

**View Area Size**      2510 , 3010 , 3015,3315

1. We can supply according to the customer's chamber .
2. Positioning pins are not used when unnecessary. / Pin Material is SUS (6x10L)
3. The material of the fixing bolt is SUS.

## 4. Special view port for process chamber

1. Part Number : JKR0806 – S – A – K - A (AH) – \*\* ( ETC )
2. Window : Sapphire
3. Housing : Al6061-T6
4. Centering : AL 6061 T6 / Hard Anodizing
5. Sealing O – Ring : Kalrez O Ring
6. All vacuum areas are treated with Hard Anodizing
7. EMI-Shield treated / with SUS mesh → According to customer's instructions



**We can supply various types of integrated viewports that customers need.**

## 5. Major customers Since 2017

It has been used in various types of vacuum equipment since 2017 and has been verified by many vacuum equipment companies.



**H&iruja**  
<http://hniruja.com/>



**NPS Corp**  
<http://www.nps-corp.co.kr/>



**INVENIA**  
<http://www.inveniacorp.com/>



**T-ROBOTICS**  
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