

## DN 63 - DN 160 ISO-K

### Angle (VAP) Pneumatically actuated

The INFICON ISO-KF valve line, VAP / VIP016 ... 040-A/X performs as gauge isolation, bypass, roughing or venting valve and is well suited for all general high vacuum and semiconductor processes. The improved industrial design results in a rugged, compact, highly reliable valve with a low cost of ownership. The All-in-One concept means the valve is fast and easy to install and the pilot valve and electrical position indicator are integrated for convenient "plug and play" use. The proven All-in-One design and extremely long service lifetime makes this valve easy to maintain. The new line is fully compatible with the current INFICON VAP / VIP016 ... 040-A/X valve line.



#### BENEFITS

- All-in-One design for fast and easy installation; one connector for pilot valve and electrical position indicator for easiest **"plug and play"**
- Direct pneumatic actuation or via integrated pilot valve
- Normally open and normally closed versions available
- Electrical and visual position indicator, standard
- 10 million cycle 316L stainless steel bellows
- Easy maintenance, fast bellows and seal replacement
- Fast opening and closing time
- High conductance for fast pump down or venting
- High differential pressure resistance
- FPM sealing standard, other sealing materials available upon request
- High purity aluminum or stainless steel housing

## FEATURES

- Testfeature 1
- Testfeature 2
- High capacity

## ORDERING INFORMATION SELECTION DATA

	DN 63 ISO-K	Test Valve	DN 100 ISO-K
<b>Type</b>	<b>DN 63 ISO-K</b>	<b>DN 100 ISO-K</b>	<b>DN 160 ISO-K</b>
Sight glass DN 100 ISO-K		214-007	
Sight glass DN 160 ISO-K			214-008
Sight glass DN 63 ISO-K	214-006		

## SPECIFICATIONS

Type		DN 63 ISO-K	DN 100 ISO-K	DN 160 ISO-K
Window		-	borosilicate glass	-
Window2		-		
Seal		-	FPM	-
Flange		-	aluminium 6082/3.2315	-
Bakeout temperature	bar	-		
Bakeout temperature		1	150	
Pressure Range	Torr	5..10		
Pressure Range	bar	1..4		
Test 1		1		
Tightness		1 x 10 <sup>(-9)</sup>	1 x 10 <sup>(-9)</sup>	1 x 10 <sup>(-9)</sup>
Pressure ( absolute)		1 x 10 <sup>(-8)</sup> mbar ... 2 bar	1 x 10 <sup>(-8)</sup> mbar ... 2 bar	1 x 10 <sup>(-8)</sup> mbar ... 2 bar
max. at 150 °C	bar	1	1	1
Windows thickness		6	8	10
Weight		0.2	0.3	0.4

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DN 160 ISO-K

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## SPAREPARTS

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Vacuum connection	DN 63 ISO-K	Test Valve	DN 100 ISO-K	DN 160 ISO-K
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## ACCESSORIES

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Vacuum connection	DN 63 ISO-K	Test Valve	DN 100 ISO-K	DN 160 ISO-K
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