

# High Current Feedthrough DN40 ISO-KF

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INFICON offers economical priced ISO-KF flange feedthroughs which can be found in all standard vacuum applications all over the world for many years. In addition to this feedthroughs a choice of connectors for vacuum and atmosphere side of vacuum chamber is configured.

For UHV applications CF flanged feedthroughs are available in different sizes and technical specifications.



## BENEFITS

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- Selection of three electrodes
- Slide into mounted feedthrough
- Corrent connetion with water cooling

## FEATURES

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- 2011/65/EU RoHS compliant

## ORDER INFORMATION

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Type	1 Feedthrough high current
Angle electrode	214-143
High current feedthrough DN 40 ISO-KF	214-141
Straight electrode	214-142
Water and current connection	214-145

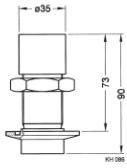
## SPECIFICATIONS

Type	1 Feedthrough high current	
Vacuum connection	DN 40 ISO-KF	
Number of feedthroughs	1	
Voltage	V	100
Current	A	250/1500 <sup>(1)</sup>
Tightness	mbar•L/s	1 x 10 <sup>-9</sup>
Pressure (absolute)	1 x 10 <sup>-8</sup> mbar ... 2.5 bar (max. 10 bar with external centering ring)	
Bakeout temperature	°C	110
Housing	aluminum 6082	
Insulator	thermoplast and thermoset	
Seal	FPM	

1) With water cooling

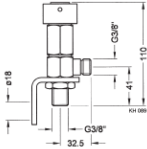
## DIMENSIONS

214-141



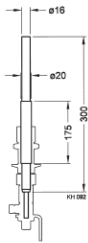
Feedthrough

214-145



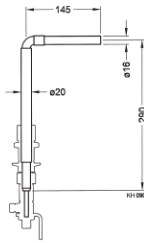
Current connection  
with water cooling  
copper/brass

214-142



Electrodes copper/brass

214-143



Electrodes copper/brass



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