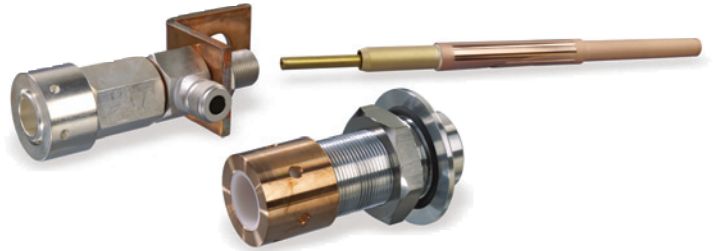


# DN 40

## High Current Feedthrough ISO-KF

### PROPERTIES

- ◆ Selection of three electrodes
- ◆ Slide into mounted feedthrough
- ◆ Current connection with water cooling



### SELECTION DATA

Vacuum connection		DN 40 ISO-KF
Number of feedthroughs		1
Voltage	V	100
Current	A	250/1500 <sup>1)</sup>

<sup>1)</sup> With water cooling

### ORDERING INFORMATION

<b>Feedthrough with O-ring KF40</b>	<b>214-141</b>
<b>Current connection with water cooling <sup>2)</sup></b>	<b>214-145</b>
<b>Straight electrode</b>	<b>214-142</b>
<b>Angle electrode</b>	<b>214-143</b>

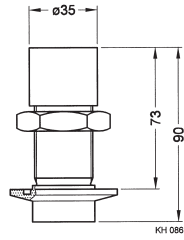
<sup>2)</sup> Not insulated

### SPECIFICATIONS

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 6063/3.2315
Insulator		thermoplast and thermoset
Seal		FPM

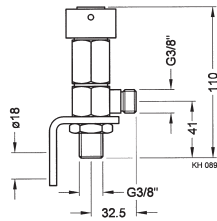
## DIMENSIONS

214-141



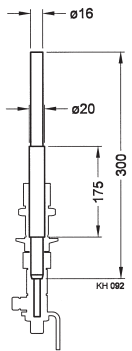
Feedthrough

214-145



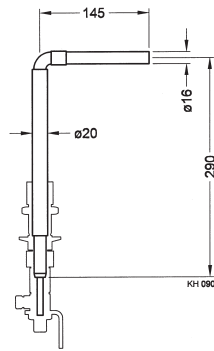
Current connection  
with water cooling  
copper/brass

214-142



Electrodes copper/brass

214-143



Electrodes copper/brass



### GLOBAL HEADQUARTERS:

Two Technology Place, East Syracuse, NY 13057 USA  
Tel: +1.315.434.1100 Fax: +1.315.437.3803 E-mail: reachus@inficon.com

UNITED STATES FRANCE GERMANY LIECHTENSTEIN SWITZERLAND UNITED KINGDOM CHINA JAPAN KOREA SINGAPORE TAIWAN

Visit our website for contact information and other sales offices worldwide. [www.inficon.com](http://www.inficon.com)  
Due to our continuing program of product improvements, specifications are subject to change without notice.  
riba13e1 (2004-06) ©2003 INFICON Inc.