



## Bimetal air duct thermometer BiTh LKB / BiTh LKF



### Benefits

- Ranges: -30/+50, -20/+60, -20/+40, 0/60 °C
- Brass stem
- With adjustable mounting flange (stainless steel)

### Application

Air conditioning, ventilation

### Technical specifications

#### Type

D2

#### Nominal size

63 – 80 – 100

#### Measuring element

Bimetal helix

#### Accuracy class

2 (EN 13190)

### Standard version

#### Connection

Stem: Brass,  $\varnothing$  9 mm  
LKF: Mounting flange, Plastic,  $\varnothing$  60 mm  
LKB: Back flange, Steel

#### Mounting position

Centre back

#### Dial

Aluminium, white  
Scaling black

#### Pointer

Plastic, black

### Options

- Other ranges
- Other stem lengths
- Accuracy class 1
- Steel flange  $\varnothing$  40/80 mm

#### Ranges °C

-30/+50, -20/+40, -20/+60, 0/60

#### Application area

Full scale value

#### Degree of protection

IP 41 (EN 60529)

#### Housing

Sheet steel, galvanised

#### Push on bezel

Sheet steel, nickel-plated

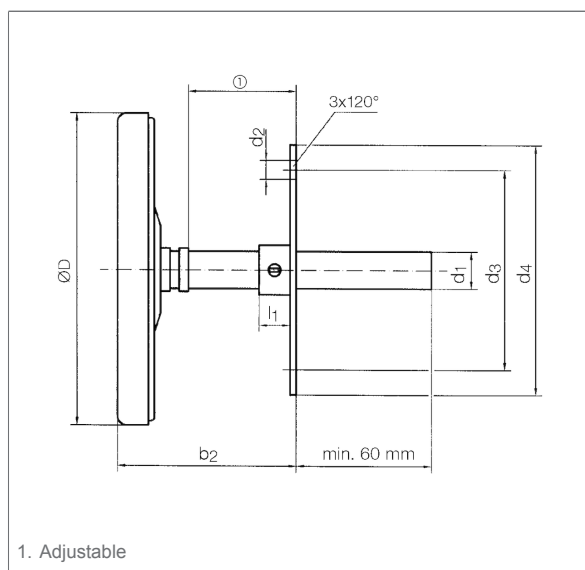
#### Window

LKF: Plastic  
LKB: Instrument glass



## Technical drawings

### LKF - centre back connection



#### Dimensions (mm)

NG	D	d1	d2	d3	d4	l1
63	63	9	12	51	60	10
80	80	9	12	51	60	10
100	100	9	12	51	60	10

#### Dimensions (mm)

NG
63
63
63
80
80
80
100
100
100

Zeichnung für LKB fehlt noch

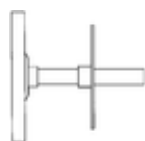
Werte noch eintragen

Je NG Schaftlänge 100/150/200

## Versions

### BiTh 63 LKF D211

Housing ø	Stem length	Connection	Range	Type	Part no.
63 mm	100 mm	Mounting flange	-30/+50 °C	BiTh 63 LKF D211	65613211
63 mm	150 mm	Mounting flange	-30/+50 °C	BiTh 63 LKF D211	65614211
63 mm	200 mm	Mounting flange	-30/+50 °C	BiTh 63 LKF D211	65615211
63 mm	100 mm	Mounting flange	-20/+60 °C	BiTh 63 LKF D211	65608211
63 mm	150 mm	Mounting flange	-20/+60 °C	BiTh 63 LKF D211	65609211



Blue part no. = in-stock items

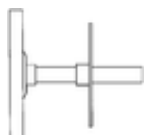


Housing $\varnothing$	Stem length	Connection	Range	Type	Part no.
63 mm	200 mm	Mounting flange	-20/+60 °C	BiTh 63 LKF D211	65610211
63 mm	100 mm	Mounting flange	-20/+40 °C	BiTh 63 LKF D211	65623211
63 mm	150 mm	Mounting flange	-20/+40 °C	BiTh 63 LKF D211	65624211
63 mm	200 mm	Mounting flange	-20/+40 °C	BiTh 63 LKF D211	65625211
63 mm	100 mm	Mounting flange	0/60 °C	BiTh 63 LKF D211	65633211
63 mm	150 mm	Mounting flange	0/60 °C	BiTh 63 LKF D211	65634211
63 mm	200 mm	Mounting flange	0/60 °C	BiTh 63 LKF D211	65635211

Blue part no. = in-stock items

### BiTh 80 LKF D211

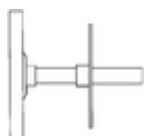
Housing $\varnothing$	Stem length	Connection	Range	Type	Part no.
80 mm	100 mm	Mounting flange	-30/+50 °C	BiTh 80 LKF D211	65713211
80 mm	150 mm	Mounting flange	-30/+50 °C	BiTh 80 LKF D211	65714211
80 mm	200 mm	Mounting flange	-30/+50 °C	BiTh 80 LKF D211	65715211
80 mm	100 mm	Mounting flange	-20/+60 °C	BiTh 80 LKF D211	65708211
80 mm	150 mm	Mounting flange	-20/+60 °C	BiTh 80 LKF D211	65709211
80 mm	200 mm	Mounting flange	-20/+60 °C	BiTh 80 LKF D211	65710211
80 mm	100 mm	Mounting flange	-20/+40 °C	BiTh 80 LKF D211	65723211
80 mm	150 mm	Mounting flange	-20/+40 °C	BiTh 80 LKF D211	65724211
80 mm	200 mm	Mounting flange	-20/+40 °C	BiTh 80 LKF D211	65725211
80 mm	100 mm	Mounting flange	0/60 °C	BiTh 80 LKF D211	65733211
80 mm	150 mm	Mounting flange	0/60 °C	BiTh 80 LKF D211	65734211
80 mm	200 mm	Mounting flange	0/60 °C	BiTh 80 LKF D211	65735211



Blue part no. = in-stock items

### BiTh 100 LKF D211

Housing $\varnothing$	Stem length	Connection	Range	Type	Part no.
100 mm	100 mm	Mounting flange	-30/+50 °C	BiTh 100 LKF D211	65813211
100 mm	150 mm	Mounting flange	-30/+50 °C	BiTh 100 LKF D211	65814211
100 mm	200 mm	Mounting flange	-30/+50 °C	BiTh 100 LKF D211	65815211
100 mm	100 mm	Mounting flange	-20/+60 °C	BiTh 100 LKF D211	65808211



Blue part no. = in-stock items

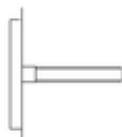


Housing <sup>ø</sup>	Stem length	Connection	Range	Type	Part no.
100 mm	150 mm	Mounting flange	-20/+60 °C	BiTh 100 LKF D211	<a href="#">65809211</a>
100 mm	200 mm	Mounting flange	-20/+60 °C	BiTh 100 LKF D211	<a href="#">65810211</a>
100 mm	100 mm	Mounting flange	-20/+40 °C	BiTh 100 LKF D211	65823211
100 mm	150 mm	Mounting flange	-20/+40 °C	BiTh 100 LKF D211	65824211
100 mm	200 mm	Mounting flange	-20/+40 °C	BiTh 100 LKF D211	65825211
100 mm	100 mm	Mounting flange	0/60 °C	BiTh 100 LKF D211	65833211
100 mm	150 mm	Mounting flange	0/60 °C	BiTh 100 LKF D211	<a href="#">65834211</a>
100 mm	200 mm	Mounting flange	0/60 °C	BiTh 100 LKF D211	<a href="#">65835211</a>

Blue part no. = in-stock items

#### BiTh 63 LKB D271

Housing <sup>ø</sup>	Stem length	Connection	Range	Type	Part no.
63 mm	100 mm	Back flange	-30/+50 °C	BiTh 63 LKB D271	65613271
63 mm	150 mm	Back flange	-30/+50 °C	BiTh 63 LKB D271	65614271
63 mm	200 mm	Back flange	-30/+50 °C	BiTh 63 LKB D271	65615271
63 mm	100 mm	Back flange	-20/+60 °C	BiTh 63 LKB D271	65608271
63 mm	150 mm	Back flange	-20/+60 °C	BiTh 63 LKB D271	65609271
63 mm	200 mm	Back flange	-20/+60 °C	BiTh 63 LKB D271	65610271
63 mm	100 mm	Back flange	-20/+40 °C	BiTh 63 LKB D271	65623271
63 mm	150 mm	Back flange	-20/+40 °C	BiTh 63 LKB D271	65624271
63 mm	200 mm	Back flange	-20/+40 °C	BiTh 63 LKB D271	65625271
63 mm	100 mm	Back flange	0/60 °C	BiTh 63 LKB D271	65633271
63 mm	150 mm	Back flange	0/60 °C	BiTh 63 LKB D271	65634271
63 mm	200 mm	Back flange	0/60 °C	BiTh 63 LKB D271	65635271

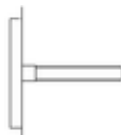


Blue part no. = in-stock items



### BiTh 80 LKB D271

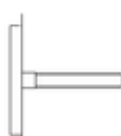
Housing $\varnothing$	Stem length	Connection	Range	Type	Part no.
80 mm	100 mm	Back flange	-30/+50 °C	BiTh 80 LKB D271	65713271
80 mm	150 mm	Back flange	-30/+50 °C	BiTh 80 LKB D271	65714271
80 mm	200 mm	Back flange	-30/+50 °C	BiTh 80 LKB D271	65715271
80 mm	100 mm	Back flange	-20/+60 °C	BiTh 80 LKB D271	65708271
80 mm	150 mm	Back flange	-20/+60 °C	BiTh 80 LKB D271	65709271
80 mm	200 mm	Back flange	-20/+60 °C	BiTh 80 LKB D271	65710271
80 mm	100 mm	Back flange	-20/+40 °C	BiTh 80 LKB D271	65723271
80 mm	150 mm	Back flange	-20/+40 °C	BiTh 80 LKB D271	65724271
80 mm	200 mm	Back flange	-20/+40 °C	BiTh 80 LKB D271	65725271
80 mm	100 mm	Back flange	0/60 °C	BiTh 80 LKB D271	65733271
80 mm	150 mm	Back flange	0/60 °C	BiTh 80 LKB D271	65734271
80 mm	200 mm	Back flange	0/60 °C	BiTh 80 LKB D271	65735271



Blue part no. = in-stock items

### BiTh 100 LKB D271

Housing $\varnothing$	Stem length	Connection	Range	Type	Part no.
100 mm	100 mm	Back flange	-30/+50 °C	BiTh 100 LKB D271	65813271
100 mm	150 mm	Back flange	-30/+50 °C	BiTh 100 LKB D271	65814271
100 mm	200 mm	Back flange	-30/+50 °C	BiTh 100 LKB D271	65815271
100 mm	100 mm	Back flange	-20/+60 °C	BiTh 100 LKB D271	65808271
100 mm	150 mm	Back flange	-20/+60 °C	BiTh 100 LKB D271	65809271
100 mm	200 mm	Back flange	-20/+60 °C	BiTh 100 LKB D271	65810271
100 mm	100 mm	Back flange	-20/+40 °C	BiTh 100 LKB D271	65823271
100 mm	150 mm	Back flange	-20/+40 °C	BiTh 100 LKB D271	65824271
100 mm	200 mm	Back flange	-20/+40 °C	BiTh 100 LKB D271	65825271
100 mm	100 mm	Back flange	0/60 °C	BiTh 100 LKB D271	65833271
100 mm	150 mm	Back flange	0/60 °C	BiTh 100 LKB D271	65834271
100 mm	200 mm	Back flange	0/60 °C	BiTh 100 LKB D271	65835271



Blue part no. = in-stock items