



## Standard capsule pressure gauges Type D4



### Benefits

- With zero correction
- Optional overpressure and/or underpressure safety 10 x FSD
- Extremely low measuring ranges from 0/6 mbar
- GOSSTANDART-certified

### Application

For gaseous, dry media which do not attack copper alloys.

! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2" (see appendix)!

### Technical specifications

#### Type

D4

#### Nominal size

63 – 100 – 160

#### Accuracy class (EN 837-3/6)

1,6

4,0

#### Ranges (EN 837-3/5)

See ordering table

#### Application area

Static load: Full scale value

Dynamic load: 0.9 x full scale value

Overload safety: 1.3 x full scale value

#### Operating temperature range

Medium: Max. 60 °C

Ambient: -20/+60 °C

#### Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of 20 °C:  
at rising temperature approx.  $\pm 0.6 \text{ \%}/10 \text{ K}$   
falling temperature approx.  $\pm 0.6 \text{ \%}/10 \text{ K}$   
of full scale value

#### Degree of protection

NG 63: IP 33 (EN 60529)

NG 100: IP 54 (EN 60529)

NG 160: IP 33 (EN 60529)



### Standard version

**Connection**

Brass, bottom or centre back

**Measuring element**

Capsule element, CuBe alloy

**Movement**

Brass

**Zero correction**

From the front

**Seal**

NBR (Perbunan)

**Dial**

Aluminium, white

Scaling black

**Pointer**

Aluminium, black

**Housing**

Stainless steel 304

**Bayonet type bezel**

Stainless steel 304

**Window**

D401: Instrument glass

D411: Instrument glass

D431: Plastic (PMMA)

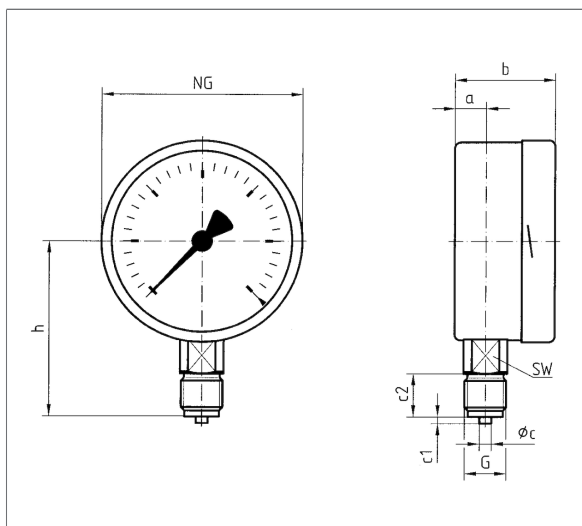
D451: Plastic (PMMA)

### Options

- Overpressure and underpressure safety 10 x FSD
- Back flange
- Panel mounting bezel, with window, plastic
- 3-hole fixing, panel mounting bezel with window, plastic
- Damping screw
- Reference pointer
- Special scales
- Other process connections

### Technical drawings

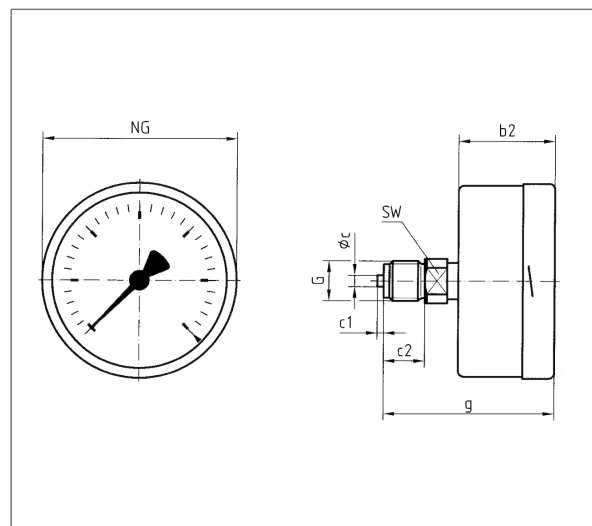
#### Bottom connection



**Dimensions (mm)**

NG	a	b	∅c	c1	c2	G	h	SW
63	10,8	40	5	2	13	G $\frac{1}{4}$ B	53	14
100	15,6	49	6	3	20	G $\frac{1}{2}$ B	86	22
160	17,5	50	6	3	20	G $\frac{1}{2}$ B	116	22

#### Centre back connection

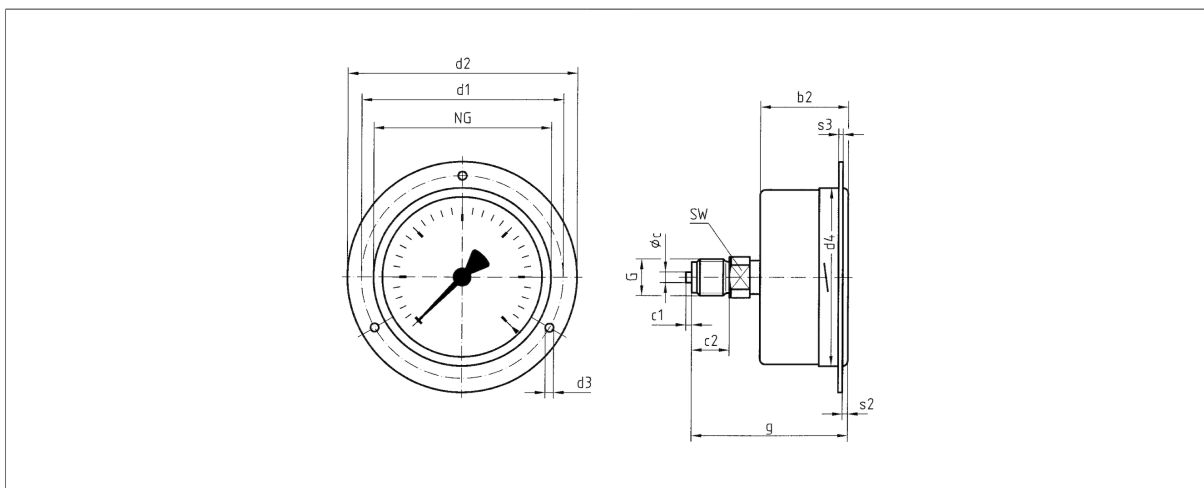


**Dimensions (mm)**

NG	b2	∅c	c1	c2	G	g	SW
63	37	5	2	13	G $\frac{1}{4}$ B	60	14
100	49	6	3	20	G $\frac{1}{2}$ B	81	22
160	50	6	3	20	G $\frac{1}{2}$ B	82	22



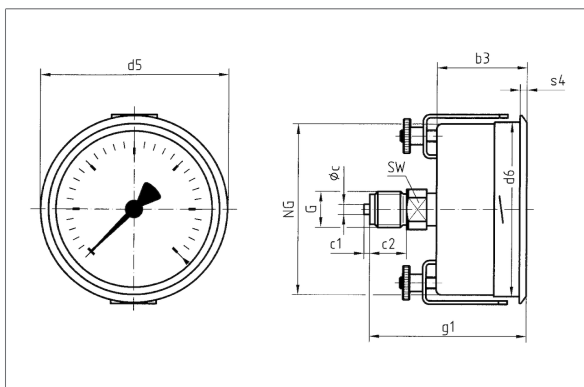
Centre back connection, 3-hole fixing, panel mounting bezel



Dimensions (mm)

NG	b2	∅c	c1	c2	d1*	d2	d3*	d4	G	g	s2	s3	SW
63	37	5	2	13	75	85	3,5	64	G $\frac{1}{4}$ B	60	3	2	14
100	49	6	3	20	116	132	4,8	104	G $\frac{1}{2}$ B	81	4	2	22
160	50	6	3	20	178	196	5,8	164	G $\frac{1}{2}$ B	82	4	2	22

Centre back connection, panel mounting bezel with clamp fixing



Dimensions (mm)

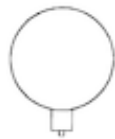
NG	b3	∅c	c1	c2	d5	d6	G	g1	s4	SW
63	37	5	2	13	68	64	G $\frac{1}{4}$ B	60	3	14
100	49	6	3	20	107	101	G $\frac{1}{2}$ B	81	4	22
160	52	6	3	20	167	161	G $\frac{1}{2}$ B	84	4,5	22



## Versions

### KP63 D401

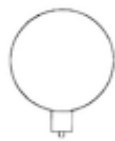
Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-25/0 mbar	KP63 D401	35004401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-40/0 mbar	KP63 D401	35005401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-60/0 mbar	KP63 D401	35006401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-100/0 mbar	KP63 D401	35007401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-160/0 mbar	KP63 D401	35008401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-250/0 mbar	KP63 D401	35009401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-400/0 mbar	KP63 D401	35010401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-600/0 mbar	KP63 D401	35011401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	-1,000/0 mbar	KP63 D401	35012401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/25 mbar	KP63 D401	35016401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/40 mbar	KP63 D401	35017401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/60 mbar	KP63 D401	35018401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/100 mbar	KP63 D401	35019401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/160 mbar	KP63 D401	35020401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/250 mbar	KP63 D401	35021401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/400 mbar	KP63 D401	35022401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/600 mbar	KP63 D401	35023401
63 mm	G $\frac{1}{4}$ B	Bottom	Stainless steel 304	1,6	0/1,000 mbar	KP63 D401	35024401



Blue part no. = in-stock items

### KP100 D401

Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
100 mm	G $\frac{1}{2}$ B	Bottom	Stainless steel 304	1,6	-25/0 mbar	KP100 D401	35104401
100 mm	G $\frac{1}{2}$ B	Bottom	Stainless steel 304	1,6	-40/0 mbar	KP100 D401	35105401
100 mm	G $\frac{1}{2}$ B	Bottom	Stainless steel 304	1,6	-60/0 mbar	KP100 D401	35106401
100 mm	G $\frac{1}{2}$ B	Bottom	Stainless steel 304	1,6	-100/0 mbar	KP100 D401	35107401
100 mm	G $\frac{1}{2}$ B	Bottom	Stainless steel 304	1,6	-160/0 mbar	KP100 D401	35108401



Blue part no. = in-stock items



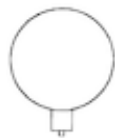
Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
100 mm	G½B	Bottom	Stainless steel 304	1,6	-250/0 mbar	KP100 D401	35109401
100 mm	G½B	Bottom	Stainless steel 304	1,6	-400/0 mbar	KP100 D401	35110401
100 mm	G½B	Bottom	Stainless steel 304	1,6	-600/0 mbar	KP100 D401	35111401
100 mm	G½B	Bottom	Stainless steel 304	1,6	-1,000/0 mbar	KP100 D401	35112401
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/25 mbar	KP100 D401	35116401
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/40 mbar	KP100 D401	<a href="#">35117401</a>
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/60 mbar	KP100 D401	<a href="#">35118401</a>
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/100 mbar	KP100 D401	<a href="#">35119401</a>
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/160 mbar	KP100 D401	<a href="#">35120401</a>
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/250 mbar	KP100 D401	<a href="#">35121401</a>
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/400 mbar	KP100 D401	<a href="#">35122401</a>
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/600 mbar	KP100 D401	35123401
100 mm	G½B	Bottom	Stainless steel 304	1,6	0/1,000 mbar	KP100 D401	35124401

Blue part no. = in-stock items

**KP160 D401**

Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
160 mm	G½B	Bottom	Stainless steel 304	4,0	-6/0 mbar	KP160 D401	35151401
160 mm	G½B	Bottom	Stainless steel 304	4,0	-10/0 mbar	KP160 D401	35152401
160 mm	G½B	Bottom	Stainless steel 304	4,0	-16/0 mbar	KP160 D401	35153401
160 mm	G½B	Bottom	Stainless steel 304	4,0	0/6 mbar	KP160 D401	35163401
160 mm	G½B	Bottom	Stainless steel 304	4,0	0/10 mbar	KP160 D401	35164401
160 mm	G½B	Bottom	Stainless steel 304	4,0	0/16 mbar	KP160 D401	35165401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-25/0 mbar	KP160 D401	35154401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-40/0 mbar	KP160 D401	35155401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-60/0 mbar	KP160 D401	35156401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-100/0 mbar	KP160 D401	35157401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-160/0 mbar	KP160 D401	35158401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-250/0 mbar	KP160 D401	35159401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-400/0 mbar	KP160 D401	35160401

Blue part no. = in-stock items





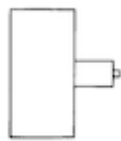
Housing <sup>ø</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
160 mm	G½B	Bottom	Stainless steel 304	1,6	-600/0 mbar	KP160 D401	35161401
160 mm	G½B	Bottom	Stainless steel 304	1,6	-1,000/0 mbar	KP160 D401	35162401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/25 mbar	KP160 D401	35166401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/40 mbar	KP160 D401	35167401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/60 mbar	KP160 D401	35168401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/100 mbar	KP160 D401	35169401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/160 mbar	KP160 D401	35170401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/250 mbar	KP160 D401	35171401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/400 mbar	KP160 D401	35172401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/600 mbar	KP160 D401	35173401
160 mm	G½B	Bottom	Stainless steel 304	1,6	0/1,000 mbar	KP160 D401	35174401

Blue part no. = in-stock items

**KP63 D411**

Housing <sup>ø</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP63 D411	35004411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP63 D411	35005411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP63 D411	35006411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP63 D411	35007411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP63 D411	35008411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP63 D411	35009411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP63 D411	35010411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP63 D411	35011411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP63 D411	35012411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP63 D411	35016411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP63 D411	35017411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP63 D411	35018411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP63 D411	35019411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP63 D411	35020411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP63 D411	35021411

Blue part no. = in-stock items





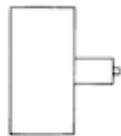
Housing <sup>⊗</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP63 D411	35022411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP63 D411	35023411
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP63 D411	35024411

Blue part no. = in-stock items

**KP100 D411**

Housing <sup>⊗</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
100 mm	G½B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP100 D411	35104411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP100 D411	35105411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP100 D411	35106411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP100 D411	35107411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP100 D411	35108411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP100 D411	35109411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP100 D411	35110411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP100 D411	35111411
100 mm	G½B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP100 D411	35112411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP100 D411	35116411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP100 D411	35117411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP100 D411	35118411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP100 D411	35119411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP100 D411	35120411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP100 D411	35121411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP100 D411	35122411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP100 D411	35123411
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP100 D411	35124411

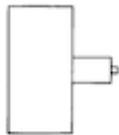
Blue part no. = in-stock items





## KP160 D411

Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
160 mm	G½B	Centre back	Stainless steel 304	4,0	-6/0 mbar	KP160 D411	35151411
160 mm	G½B	Centre back	Stainless steel 304	4,0	-10/0 mbar	KP160 D411	35152411
160 mm	G½B	Centre back	Stainless steel 304	4,0	-16/0 mbar	KP160 D411	35153411
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/6 mbar	KP160 D411	35163411
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/10 mbar	KP160 D411	35164411
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/16 mbar	KP160 D411	35165411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP160 D411	35154411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP160 D411	35155411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP160 D411	35156411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP160 D411	35157411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP160 D411	35158411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP160 D411	35159411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP160 D411	35160411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP160 D411	35161411
160 mm	G½B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP160 D411	35162411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP160 D411	35166411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP160 D411	35167411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP160 D411	35168411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP160 D411	35169411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP160 D411	35170411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP160 D411	35171411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP160 D411	35172411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP160 D411	35173411
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP160 D411	35174411



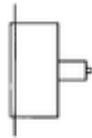
Blue part no. = in-stock items





**KP63 D431**

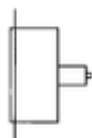
Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP63 D431	35004431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP63 D431	35005431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP63 D431	35006431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP63 D431	35007431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP63 D431	35008431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP63 D431	35009431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP63 D431	35010431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP63 D431	35011431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP63 D431	35012431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP63 D431	35016431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP63 D431	35017431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP63 D431	35018431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP63 D431	35019431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP63 D431	35020431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP63 D431	35021431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP63 D431	35022431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP63 D431	35023431
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP63 D431	35024431



Blue part no. = in-stock items

**KP100 D431**

Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
100 mm	G $\frac{1}{2}$ B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP100 D431	35104431
100 mm	G $\frac{1}{2}$ B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP100 D431	35105431
100 mm	G $\frac{1}{2}$ B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP100 D431	35106431
100 mm	G $\frac{1}{2}$ B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP100 D431	35107431
100 mm	G $\frac{1}{2}$ B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP100 D431	35108431
100 mm	G $\frac{1}{2}$ B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP100 D431	35109431
100 mm	G $\frac{1}{2}$ B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP100 D431	35110431



Blue part no. = in-stock items



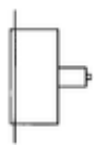
Housing <sup>ø</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
100 mm	G½B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP100 D431	35111431
100 mm	G½B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP100 D431	35112431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP100 D431	35116431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP100 D431	35117431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP100 D431	35118431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP100 D431	35119431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP100 D431	35120431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP100 D431	35121431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP100 D431	35122431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP100 D431	35123431
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP100 D431	35124431

Blue part no. = in-stock items

**KP160 D431**

Housing <sup>ø</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
160 mm	G½B	Centre back	Stainless steel 304	4,0	-6/0 mbar	KP160 D431	35151431
160 mm	G½B	Centre back	Stainless steel 304	4,0	-10/0 mbar	KP160 D431	35152431
160 mm	G½B	Centre back	Stainless steel 304	4,0	-16/0 mbar	KP160 D431	35153431
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/6 mbar	KP160 D431	35163431
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/10 mbar	KP160 D431	35164431
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/16 mbar	KP160 D431	35165431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP160 D431	35154431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP160 D431	35155431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP160 D431	35156431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP160 D431	35157431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP160 D431	35158431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP160 D431	35159431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP160 D431	35160431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP160 D431	35161431
160 mm	G½B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP160 D431	35162431

Blue part no. = in-stock items





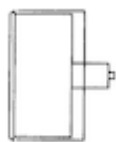
Housing <sup>o</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP160 D431	35166431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP160 D431	35167431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP160 D431	35168431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP160 D431	35169431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP160 D431	35170431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP160 D431	35171431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP160 D431	35172431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP160 D431	35173431
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP160 D431	35174431

Blue part no. = in-stock items

**KP63 D451**

Housing <sup>o</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP63 D451	35004451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP63 D451	35005451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP63 D451	35006451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP63 D451	35007451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP63 D451	35008451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP63 D451	35009451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP63 D451	35010451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP63 D451	35011451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP63 D451	35012451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP63 D451	35016451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP63 D451	35017451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP63 D451	35018451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP63 D451	35019451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP63 D451	35020451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP63 D451	35021451

Blue part no. = in-stock items





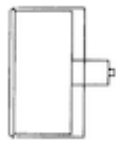
Housing <sup>⊗</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP63 D451	35022451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP63 D451	35023451
63 mm	G¼B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP63 D451	35024451

Blue part no. = in-stock items

**KP100 D451**

Housing <sup>⊗</sup>	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
100 mm	G½B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP100 D451	35104451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP100 D451	35105451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP100 D451	35106451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP100 D451	35107451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP100 D451	35108451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP100 D451	35109451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP100 D451	35110451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP100 D451	35111451
100 mm	G½B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP100 D451	35112451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP100 D451	35116451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP100 D451	35117451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP100 D451	35118451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP100 D451	35119451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP100 D451	35120451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP100 D451	35121451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP100 D451	35122451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP100 D451	35123451
100 mm	G½B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP100 D451	35124451

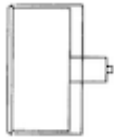
Blue part no. = in-stock items





KP160 D451

Housing $\varnothing$	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
160 mm	G½B	Centre back	Stainless steel 304	4,0	-6/0 mbar	KP160 D451	35151451
160 mm	G½B	Centre back	Stainless steel 304	4,0	-10/0 mbar	KP160 D451	35152451
160 mm	G½B	Centre back	Stainless steel 304	4,0	-16/0 mbar	KP160 D451	35153451
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/6 mbar	KP160 D451	35163451
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/10 mbar	KP160 D451	35164451
160 mm	G½B	Centre back	Stainless steel 304	4,0	0/16 mbar	KP160 D451	35165451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-25/0 mbar	KP160 D451	35154451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-40/0 mbar	KP160 D451	35155451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-60/0 mbar	KP160 D451	35156451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-100/0 mbar	KP160 D451	35157451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-160/0 mbar	KP160 D451	35158451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-250/0 mbar	KP160 D451	35159451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-400/0 mbar	KP160 D451	35160451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-600/0 mbar	KP160 D451	35161451
160 mm	G½B	Centre back	Stainless steel 304	1,6	-1,000/0 mbar	KP160 D451	35162451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/25 mbar	KP160 D451	35166451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/40 mbar	KP160 D451	35167451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/60 mbar	KP160 D451	35168451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/100 mbar	KP160 D451	35169451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/160 mbar	KP160 D451	35170451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/250 mbar	KP160 D451	35171451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/400 mbar	KP160 D451	35172451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/600 mbar	KP160 D451	35173451
160 mm	G½B	Centre back	Stainless steel 304	1,6	0/1,000 mbar	KP160 D451	35174451



Blue part no. = in-stock items