

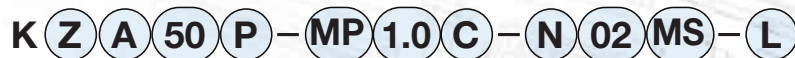
Standard Gauges

SIZE	27mm (1")		40mm (1 1/2")		50mm (2")	
THREAD LOCATION	Center Back Mount					
THREAD SIZE	1/8 NPT	1/8 PT	1/8 NPT	1/8 PT	1/4 NPT	1/4 PT
	WITH M5 X 0.8 FEMALE					
CASE/THREAD MATERIAL	Urban White Polyamid/Polyamid			Black Abs/Brass		
UNITS	psi			MPa & psi		
SCALE	Part Number					
0-30 psi (0-0.2 MPa)	K27A-P0.2-N01M	K27A-P0.2-01M	K40-MP0.2-N01MS	K40-MP0.2-01MS	K50-MP0.2-N02MS	K50-MP0.2-02MS
0-60 psi (0-0.4 MPa)	K27A-P0.4-N01M	K27A-P0.4-01M	K40-MP0.4-N01MS	K40-MP0.4-01MS	K50-MP0.4-N02MS	K50-MP0.4-02MS
0-100 psi (0-0.7 MPa)	K27A-P0.7-N01M	K27A-P0.7-01M	K40-MP0.7-N01MS	K40-P0.7-01MS	K50-MP0.7-N02MS	K50-MP0.7-02MS
0-160 psi (0-1.0 MPa)	K27A-P1.0-N01M	K27A-P1.0-01M	K40-MP1.0-N01MS	K40-MP1.0-01MS	K50-MP1.0-N02MS	K50-MP1.0-02MS



K27A-P1.0-N01M

How to Order



Measurement

- NIL - Pressure
- Z - Vacuum

Thread Location

- NIL - Center back mount
- A - Bottom mount (N/A K27)
- B - Left side mount (N/A K27)
- C - Top mount (N/A K27)
- D - Right side mount (N/A K27)

Case Size

- 27 - 1" (27mm)
- 40 - 1 1/2" (40mm)
- 50 - 2" (50mm)
- For larger sizes, consult factory

Case/Thread Material

- (For K27. Case & thread material are specified by the thread material)
- NIL - ABS/Brass
 - A - Polyamid/Polyamid
 - N - Stainless steel/nickel plated brass
 - P - Painted steel/brass (N/A K27)
 - S - Stainless steel/stainless steel (N/A K27)

Pressure Units

Pressure Only	Vacuum Only	Pressure & Vacuum (Compound Gauge)
NIL - MPa	NIL - No pressure units	B - bar
B - bar		K - KPa
K - kPa		M - MPa
M - MPa		P - psi
P - psi		

Vacuum Units

- NIL - Not a vacuum gauge
- A - mmHg
- C - inHg

Scale

- NIL - Vacuum Only
- 0.1 - 0.1 MPa (15psi)
- 0.2 - 0.2 MPa (30psi)
- 0.4 - 0.4 MPa (60psi)
- 0.7 - 0.7 MPa (100psi)
- 1.0 - 1.0 MPa (160psi)
- 1.5 - 1.5 MPa (225psi)
- 2.0 - 2.0 MPa (300psi)

Scale

- NIL - No option
- B - 0° clean/no oil (SS case only)
- C - Panel mount
- C1 - Panel mount w/polished SS ring on ABS case
- C2 - Panel mount with adapter ring
- L - Liquid filled
- M - Mark Pointer
- R - Restrictor
- S - SAN convex lens
- W - Washdown (Metal case only)

Thread option

- M - M5 Female thread (standard)
- S - Sealant (standard) (N/A K27)

Thread Size

- 01 - 1/8
- 02 - 1/4 (N/A K27)

Thread Type

- Nil - R(PT)
- N - NPT



K40-MP1.0-N01MS



K50-MP1.0-N02MS

Available Options



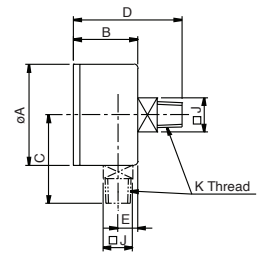
Combination Table

	Thread Location				Case Size			Case/Thread Material				Units				Scale					Vacuum Units			Thread Type		Thread Size		Thread Option		Auxillary Option													
	A	B	C	D	27	40	50	A	N	P	S	B	K	M	P	0.1	0.2	0.4	0.7	1.0	1.5	2.0	A	C	NIL	N	01	02	M	S	B	C	C1	C2	L	M	R	S	W				
Thread Location	A					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X				
	B					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X				
	C					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X				
	D					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X				
Case Size	27							X	X			X	X	X		X	X	X	X	X	X	X			X	X	X	X									X						
	40	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
	50	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Case/Thread Material	A				X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									X					
	N	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	P	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	S	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Units	B	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	K	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	M	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	P	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Scale	0.1	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	0.2	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	0.4	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	0.7	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	1.0	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	1.5	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	2.0	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Vacuum Units	A	X	X	X	X	X	X	X	X	X	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	C	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Thread Type	NIL	X	X	X	X	X	X	X	X	X	X																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	N	X	X	X	X	X	X	X	X	X	X																X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Thread Size	01	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	02	X	X	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Thread Option	M	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	S	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Auxillary Option	B	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	C					X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	C1					X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	C2					X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	L	X	X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	M	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	R	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	S	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	W	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

NIL No Combination
X — Combination Possible (Consult factory for minimum order qty. and delivery)



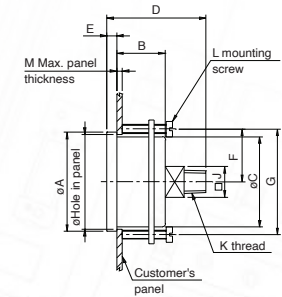
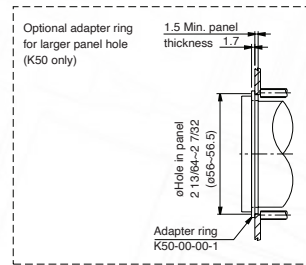
Construction Drawings



(A) 27 (A)
 (B) 40 (N) * -- (N) 01
 (C) 50 (P) -- (N) 02
 (D) 50 (S)

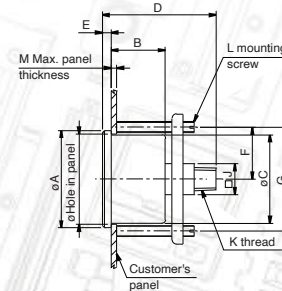
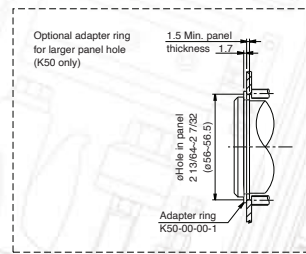
Series	A	B	C	C	D	D	E	F	G	H	J	K	L	M	N
			1/8 THD	1/4 THD	1/8 THD	1/4 THD									
1" K27A	1.10 (28)	.65 (16.5)	—	—	1.06 (27)	—	—	—	—	—	—	1/8 PT or NPT	—	—	—
1" K27_NS	1.10 (28)	.67 (17)	—	—	1.06 (27)	—	—	—	—	—	—	1/8 PT or NPT	—	—	—
1 1/2" K(Z)40(A)	1.61 (41)	1.02 (26)	—	—	1.73 (44)	1.85 (47)	—	—	—	—	.55 (14)	1/8 or 1/4 PT or NPT	—	—	—
2" K(Z)50(A)	1.93 (49)	1.04 (26.5)	—	—	1.75 (44.5)	1.87 (47.5)	—	—	—	—	.55 (14)	1/8 or 1/4 PT or NPT	—	—	—
1 1/2" K(Z)40_SPZ	1.57 (40)	1.04 (26.5)	—	—	1.63 (41.5)	1.75 (44.5)	—	—	—	—	.55 (14)	1/8 or 1/4 PT or NPT	—	—	—
2" K(Z)50_SPZ	1.93 (49)	1.06 (27)	—	—	1.79 (45.5)	1.91 (48.5)	—	—	—	—	.55 (14)	1/8 or 1/4 PT or NPT	—	—	—
1 1/2" K(Z)_A40(A)	1.57 (40)	.91 (23)	1.42 (36)	—	—	—	.31 (8)	—	—	—	.47 (12)	1/8 PT or NPT	—	—	—
2" K(Z)_A50(A)	1.93 (49)	1.06 (27)	1.65 (42)	1.77 (45)	—	—	.39 (10)	—	—	—	.55 (14)	1/8 or 1/4 PT or NPT	—	—	—
1 1/2" K(Z)_A40_SPZ	1.54 (39)	.91 (23)	1.42 (36)	—	—	—	.31 (8)	—	—	—	.47 (12)	1/8 PT or NPT	—	—	—
2" K(Z)_A50_SPZ	1.93 (49)	1.06 (27)	1.63 (41.5)	1.75 (44.5)	—	—	.39 (10)	—	—	—	.55 (14)	1/8 or 1/4 PT or NPT	—	—	—

K(Z)₅₀⁴⁰ -- * -- (N)₀₂⁰¹ -- C



Series	A	B	C	D	D	E	F	G	J	K	L	M	øHole	
				1/8 NPT	1/4 NPT								Min.	Max.
1 1/2" K(Z)40	1.77 (45)	.87 (22)	1.57 (40)	1.77 (45)	1.89 (48)	.18 (4.5)	.94 (24)	1.89 (48)	.55 (14)	1/8 or 1/4 PT or NPT	M4X0.7X20 Slotted Cheese Head	9/16 (14)	1 19/32 (40.5)	1 21/32 (42)
2" K(Z)50	2.13 (54)	.87 (22)	1.95 (49.5)	1.77 (45)	1.89 (48)	.18 (4.5)	1.12 (28.5)	2.24 (57)	.55 (14)	1/8 or 1/4 PT or NPT	M4X0.7X20 Slotted Cheese Head	37/64 (14.5)	1 31/32 (50)	2 1/32 (51.5)

K(Z)₅₀⁴⁰_S P -- * -- (N)₀₂⁰¹ -- C



Series	A	B	C	D	D	E	F	G	J	K	L	M	øHole	
				1/8 NPT	1/4 NPT								Min.	Max.
1 1/2" K(Z)40	1.73 (44)	.96 (24.5)	1.57 (40)	2.03 (51.5)	2.15 (54.5)	.16 (4)	.93 (23.5)	1.85 (47)	.55 (14)	1/8 or 1/4 PT or NPT	M5X0.8X35L Slotted Set	1.08 (27.5)	1 19/32 (40.5)	1 5/8 (41)
2" K(Z)50	2.13 (54)	.96 (24.5)	1.93 (49)	2.07 (52.5)	2.19 (55.5)	2 (5)	1.11 (28.25)	2.22 (56.5)	.55 (14)	1/8 or 1/4 PT or NPT	M5X0.8X35 Slotted Set	1.0 (25.5)	1 15/16 (49.5)	1 31/32 (50)



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