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KTN[®]
Kara Technology News



FIG.1611R

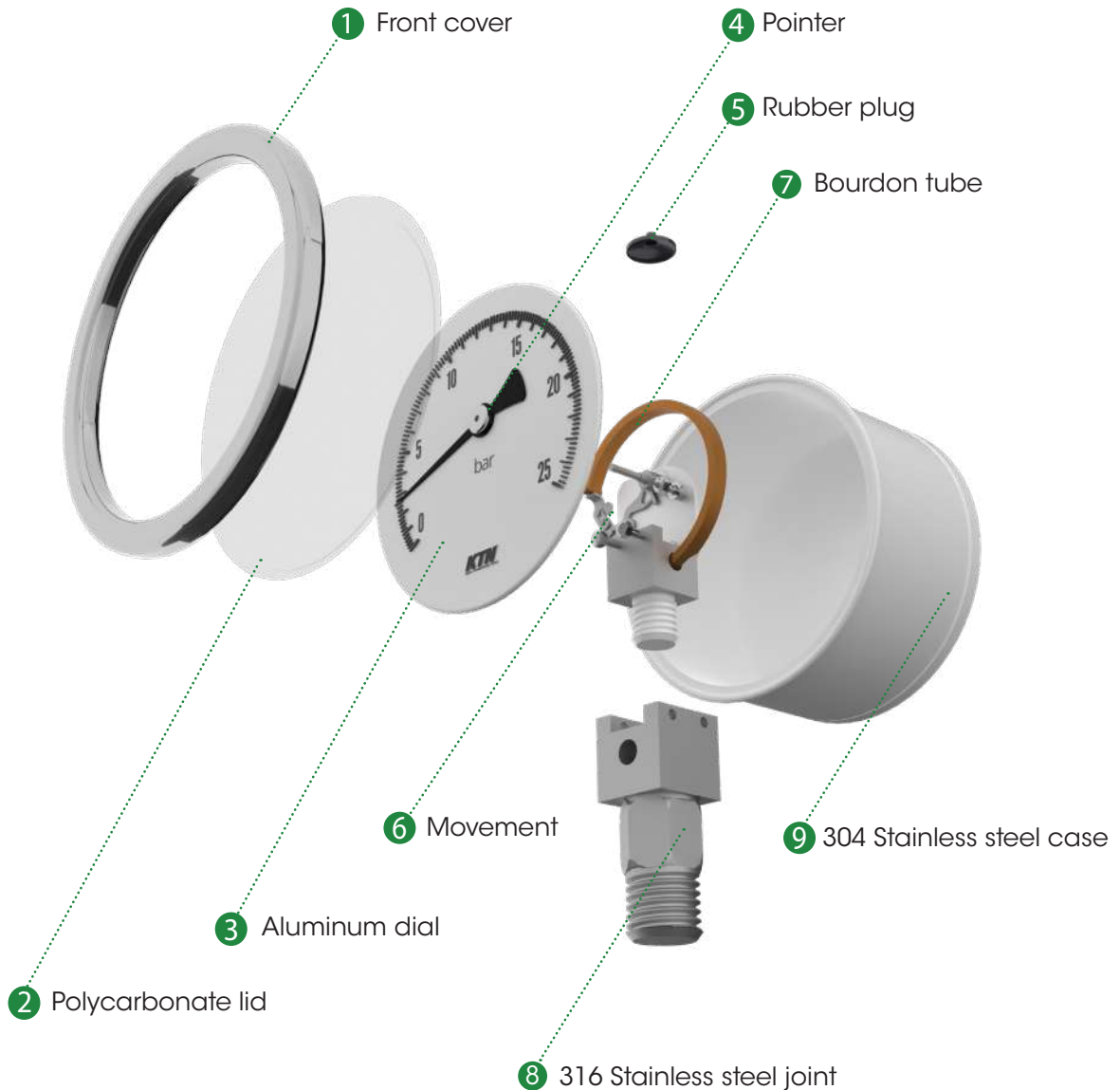
STAINLESS STEEL PRESSURE GAUGES

For gaseous and liquid media

KTN 1611R SS PRESSURE GAUGE:

KTN 1611R pressure gauges with bourdon tube are made to measure gaseous or liquid media. Manufactured according to ASME B40.1 or EN837-1 standard. The wetted parts are made in stainless steel 316L, the KTN pressure gauges are designed with movement stabilizer, both dry and liquid version options are available. Another remarkable features are temperature compensated blow out disc and internal vacuum / over pressure stop. Ingress protection IP66. All our pressure gaskets are helium leak tested before packing.

Our pressure gauges are mainly used in the oil and gas industries, and in the chemical or petrochemical industry. The most common measuring spots are found on pipelines or in pumping stations.



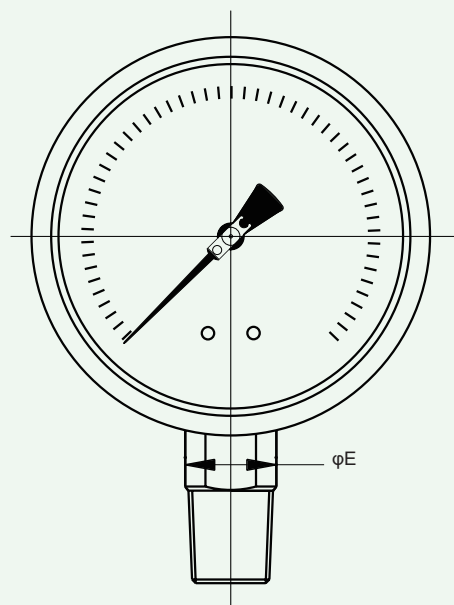
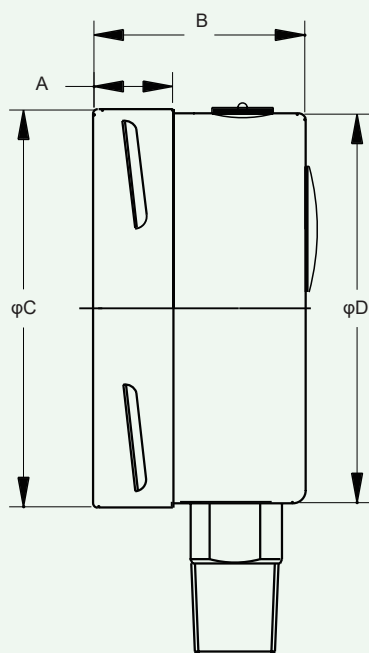
KTN 1611R

STAINLESS STEEL PRESSURE GAUGE

General features
Standard ASME-B40.1 / EN837-1
Wetted parts in AISI 316L Stainless steel
With movement stabilizer
Dry or filled version
NAce MR 0175 Compliance
Helium leak tested
40 mm Temperature compensated blow out disc
Internal vacuum / Over pressure stops
Degree of protection IP 66

Accuracy as per ASME B.40.1
2.5"/3" : 2-1-2 (GRADE A)
4"/6"/8"/10" : 1-1-1 (GRADE 1A)

Specifications	
Ambient temperature:	-4 °F (-20°C) to + 150°F (+65°C)
Process temperature:	Max. 392°F (200°C)
Operating pressure range:	75% of Scale Value
Over pressure limit:	125% of Max. Scale Value
Case:	AISI 304 SS
Joints	Tig argon arc welding
Socket:	AISI 316L SS
Bourdon:	AISI 316L SS
Movement:	AISI 316L SS
Dial:	Aluminum
Pointer:	Micro zero adjustable
Window:	Safety glass
Range:	Vacuum to 10.000 psi



DIMENSIONS						
DN	A	B	φ C	φ D	E	Weight
63	0.5"	1.3"	2.5"	2.44"	0.55"	0.40
100	0.67"	1.93"	3.95"	3.9"	0.87"	1.32

ON STOCK SCALES					
0 to 4.0	0 to 6	0 to 10	0 to 16	0 to 25	0 to 40

HOW TO ORDER SPECIAL REQUEST:

We offer special features on request

NOMINAL SIZE					
D	E	F	H	I	J
2.5"	3"	4"	6"	8"	10"

TYPE OF MOUNTING	
1	WALL / SURFACE / PROJECTION MOUNTING WITH BOTTOM
2	BOTTOM
3	LOWER BACK
4	CENTER BACK
5	LOWER BACK WITH FRONT FLANGE
6	LOWER BACK WITH MOUNTING BRACKET
7	CENTER BACK WITH FRONT FLANGE
8	CENTER BACK WITH MOUNTING BRACKET

GAUGE CONNECTION	
2BM	1/4" BSP (M)
2NM	1/4" NPT (M)
3BM	3/8" BSP (M)
3NM	3/8" NPT (M)
4BM	1/2" BSP (M)
4NM	1/2" NPT (M)
4MM	M20 X1.5 (M)
4TN	1/2" BSPT (M)

RANGE														
CODE	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14
RANGE (psi)	-30*hg	-30*-15	-30*hg-30	-30*hg-60	-30*hg-100	-30*hg-160	-30*hg-200	-30*hg-300	15	30	60	100	160	200
CODE	E15	E16	E17	E18	E19	E20	E21	E22	E23	E24	E25	E26	E27	E28
RANGE (psi)	300	400	500	600	800	1000	1500	2000	3000	4000	5000	6000	7500	10000

OPTIONAL EXTRAS					
SG	OXYGEN SERVICE (FOR DRY VERSION)	ZM	ELECTRO POLISHED CASE & BEZEL	OA	ACCURACY + 0.5% OF F.S.
CK	EPOXY PAINTED CASE & BEZEL	TI	MONEL BOURDON & SOCKET (MONEL VERSION)	SQ	CASE WITH ROLLING TYPE BEZEL
TF	TESTED TO NACE STANDARD	PS	AISI 316 SS CASE & BEZEL	TB	HELIUM LEAK TEST
KA	ON-OFF TYPE VENT PLUG	SD	AISI 316 SS MOVEMENT	SX	SS TAG PLATE
SF	MOVEMENT WITH DAMPENING JELLY	SY	AISI 316 SS TAG PLATE	RI	25mm BOD
SA	INTERNAL OVERPRESSURE STOP	SI	KNIFE EDGE POINTER	SB	INTERNAL VACCUM STOP
FN	2" PIPE/YOKE MOUNTING BRACKET & "U" CLAMP AISI 316 SS	RG	ANTIPARALLAX MIRROR BAND DIAL	RH	CUSTOM DESIGNED DIAL
ZB	RECEIVER RANGE	AT	ATEX (AS PER 204/34/EU)	ZC	FREON RANGE (WITH TEMPERATURE SCALE)
ZD	AMMONIA RANGE (WITH TEMPERATURE SCALE)	SW	DIAL TAG MARKING	RW	PLEXI GLASS
RX	SHATTERPROOF / SAFETY GLASS	RZ	TOUGHENED GLASS	SJ	MAXIMUM READING POINTER WITH PLEXI GLASS FILLABLE VERSION
ZL	OVER RANGE PROTECTION	QB	INTERNAL DAMPENING SCREW (AISI 316 SS)	FL	INTERNAL DAMPENING SCREW (MONEL)
FS	FILLABLE LIQUID SILICON OIL	FG	FILLABLE LIQUID GLYRECINE	ZZ	DIELECTRIC OIL FILLED
PX	DAMPENING LIQUID FLUOROLUBE FILLED	PY	DAMPENING LIQUID GLYRECINE OIL FILLED	PZ	DAMPENING LIQUID MINERAL FILLED
QA	DAMPENING SILICON OIL FILLED	GH	MATERIAL TEST CERTIFICATES	PW	CERTIFICATED FIVE POINT CALIBRATION