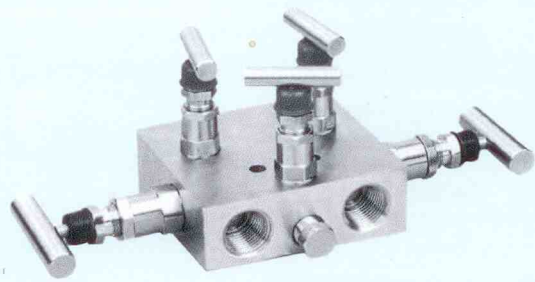
NESS

PRESSURE GAUGE
DRAFT GAUGE
CHEMICAL SEAL PRESSURE GAUGE
DIFFERENNTIAL PRESSURE GAUGE
GAUGE ACCESSORIES
BIMETALLIC TEMPERATURE GAUGE

LOW PRICE
DEPENDABLE
HIGH REPEATABILITY
HIGH ACCIRACY



NESS NESSTECH INC.

DNV UKAS QUALITY MANAGEMENT 013

ALL SS PRESSURE GAUGE

NESS

BOURDON TYPE AD·AL

SPECIAL FEATURES

- STAINLESS STEEL CASE & MEASURING SYSTEM
- SOCKET & CASE WELDED
- DRY OR LIQUID FILLED
- ACCURACY UPTO 0.5%
- STANDARD FOLLOWED IN GENERAL EN 837-1 / & ANSI / ASME B40.1 FOR NS 125 MM

APPLICATIONS

FOOD & BEVERAGE, PHARMACEUTICAL, CRYOGENICS, CHEMICAL & PETROCHEMICAL INDUSTRIES, CONVENTIONAL & NUCLEAR POWER PLANTS, PUMPS, HYDRO-CLEANING MACHINES, PRESSES, ENGINE COMPRESSORS, TURBINES, DIESEL ENGINES & REFRIGERATING PLANTS.

SPECIFICATIONS

STANDARD VERSION : 63mm(AD), 100mm, 125mm, 150mm

Accuracy	:	±1.6% of F.S. (±1.0% Available on Request)
Ambient temperature	:	−25 to 65℃
Process temperature	:	Max 300℃
Operating pressure	:	75% of the Scale Value
Over pressure limit	:	30% for Pressure Ranges upto 600kg / cm^2
	:	15% for Pressure Ranges above 600kg / cm^2

Case	:	AISI 304 SS
Ring	:	AISI 304 SS, Bayonet Type
Bourdon	:	AISI 316L SS
Socket	:	AISI 316L SS (Directly Welded to Case)
Movement	:	AISI 304 SS
Joints	:	Tig Argon Arc Welding

Protection	:	IP 65
Dial	:	Aluminium, black graduation on white background
Pointer	:	Aluminium, black coloured Micrometer zero adjustable
Window	:	Safety Glass
Blow off Disc	:	Neoprene
Gasket	:	Neoprene

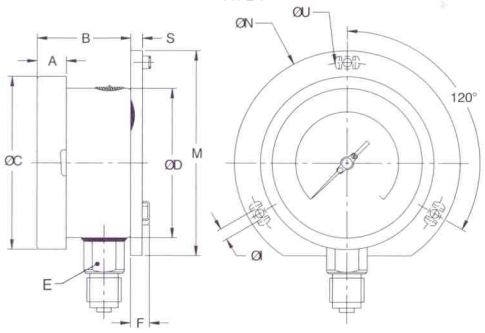
GLYCERINE FILLED VERSION (OPTION PY)

Accuracy	:	±1.6% of F.S.
Ambient Temperature	:	Maximum 65℃
Process Temperature	:	+15℃ / 65℃
Window	:	Plexi Glass
Dampening Liquids	:	Glycerine 98% (others available as option)
Other Features	:	Refer Specification of Standard Version

AL MODEL

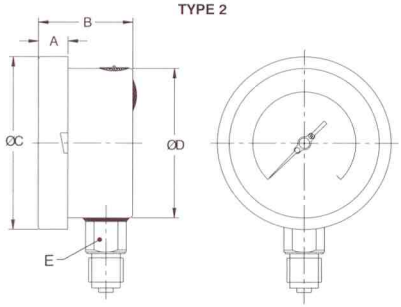
NESS

TYPE 1



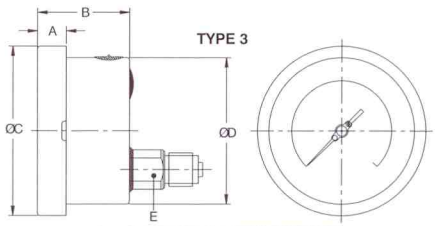
NS	A	B	ØC	ØD	E	M	S	F	ØI	ØN	ØU	WEIGHT(g)
100	12.5	48	110	100	22	128	6	14.5	6	134	118	715.0
125	14.5	49	129	119	22	-	4	14.5	6	152	138	820.0
150	15	49	161	149	22	174	5.5	14.5	6	186	168	1240

TYPE 2



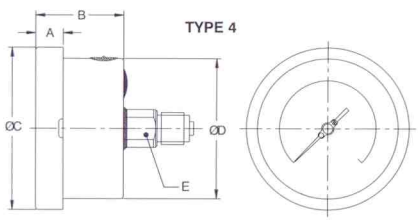
NS	A	B	ØC	ØD	E	WEIGHT(g)
100	12.5	48	110	100	22	630.0
125	14.5	49	129	119	22	732.0
150	15	49	161	149	22	1060

TYPE 3



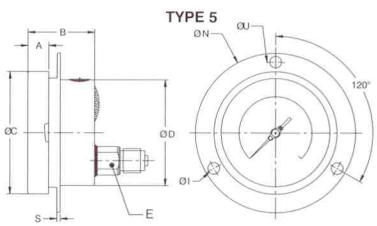
NS	A	B	ØC	ØD	E	WEIGHT(g)
100	12.5	48	110	100	22	625.0
125	14.5	49	129	119	22	734.0
150	15	49	161	149	22	998.0

TYPE 4



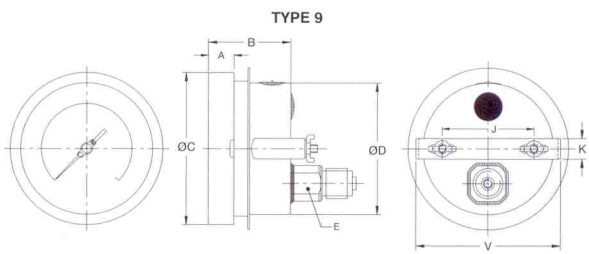
NS	A	B	ØC	ØD	E	WEIGHT(g)
100	12.5	48	110	100	22	640.0

TYPE 5



NS	A	B	ØC	ØD	E	S	ØI	ØN	ØU	WEIGHT(g)
100	12.5	48	110	100	22	1	6	135	118	710.0
125	14.5	49	129	119	22	4	6	152	138	815.0
150	15	49	161	149	22	5	6	186	168	1160.0

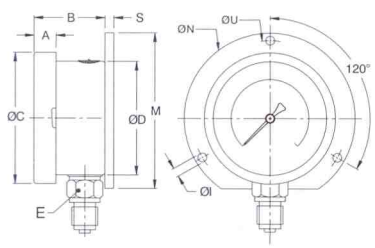
TYPE 9



NS	A	B	ØC	ØD	E	J	K	V	WEIGHT(g)
100	12.5	48	110	100	22	71.82	16	110	750.0
125	14.5	49	129	119	22	80	16	129.5	891.0
150	15	49	161	149	22	105.35	16	158	1220.0

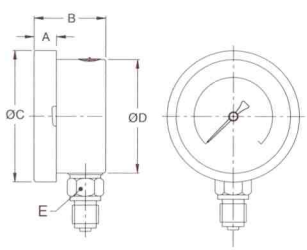
AD MODEL

TYPE 1



NS	A	B	ØC	ØD	E	S	ØN	ØI	ØU	M	WEIGHT(g)
63	9	31	69.5	62.5	A/F 14	5	88	5	76	80	222.0

TYPE 2



NS	A	B	ØC	ØD	E	WEIGHT(g)
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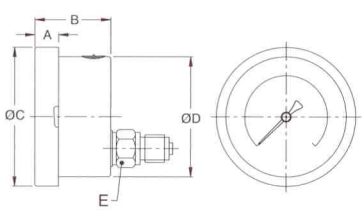
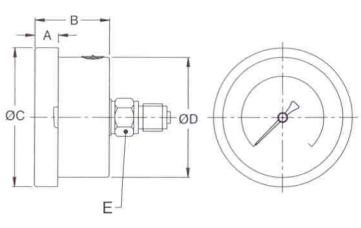
TYPE 3



NS	A	B	ØC	ØD	E	WEIGHT(g)
63	9	31	69.5	62.5	A/F 14	187.0

TYPE 4



NS	A	B	ØC	ØD	E	WEIGHT(g)
63	9	31	69.5	62.5	A/F 14	187.0