

'UGV' SERIES GAUGE VALVE

Multiport Gauge Valves 10,000 PSI



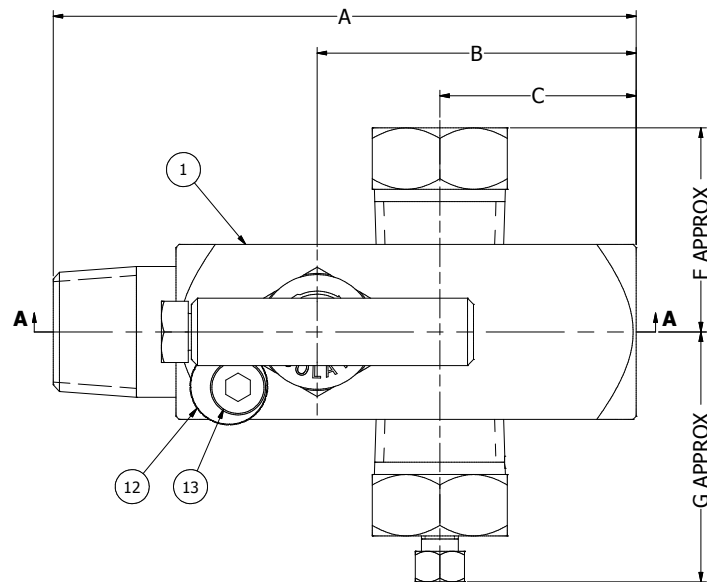
The GV series multiport gauge valve provides an economical method of mounting pressure gauges, manometers, pressure transducers or transmitters and includes vent and blanked port facilities or additional drains in a circuit or system. Both 1/2" and 3/4" have 1/2" side ports. Especially suited as a method of using a manometer and a sample manometer or a transmitter and manometer simultaneously. Compact 1/4" all around version available. Other options such as hand wheels and locking devices are available.

DESIGN FEATURES

• 2 piece non-rotating hardened (17-4PH) tip for first time seal and long service life.	• Temperature range -40°C to 230°C (427°C with GP option)
• Positive no slack stem action.	• Ingress seal fitted as standard to prevent crevice corrosion.
• Unique bonnet locking cam.	• Repair / service kits available to extend service life further.
• Metal to metal body bonnet seal for high pressure and high temperature sealing.	• Full material traceability.
• Pressure responsive multi-ring / piston packing for compression and pressure dynamic sealing.	• Weld end available (butt or socket type)
• 50mm and 100mm extended versions are available.	• Materials of construction can be supplied to meet the requirements of NACE MR 0175.
• Vent and blanking plugs available upon request	

REVISIONS

REV No.	DATE	DETAILS OF CHANGE	REV BY
1	14/04/2015	ISSUED	NN



PART NO	INLET SIZE	OUTLET SIZE	A	B	BORE
UGV4NS-VP-BP	1/2" NPT	1/2" NPT	95	52	5
UGV4NS-16MN-VP-BP	3/4" NPT	1/2" NPT	95	60	5

PART NO	C	D	E	F	G	CV	WEIGHT
UGV4NS-VP-BP	32	77	29	33	41	0.7	0.71 Kg
UGV4NS-16MN-VP-BP	35	79	32	35	42	0.7	0.83 Kg

PART NO	VENT SIZE
UGV4NS-VP-BP	1/2" NPT
UGV4NS-16MN-VP-BP	1/2" NPT

ITEM	DESCRIPTION	MATERIAL	QTY
1	VALVE BODY	A479 UNS S31600	1
2	HANDLE BOLT	A4 ST/ST	1
3	"T" HANDLE	UNS S31600	1
4	ISOLATE DUST CAP	PVC	1
5	GLAND ADJUSTER	UNS S31600	1
6	PACKING	RTFE	4
7	VALVE TIP	A564 UNS S17400	1
8	INGRESS SEAL	VITON	1
9	BONNET HOUSING	A479 UNS S31600	1
10	GLAND LOCKNUT	UNS S31600	1
11	NEEDLE STEM	A479 UNS S31600	1
12	LOCKING CAM	UNS S31600	1
13	CAM SCREW	A4 ST/ST	1
14	VENT PLUG NEEDLE	A479 UNS S31600	1
15	VENTING PLUG	A479 UNS S31600	1
16	BLANK PLUG	A479 UNS S31600	1

NOTE: REMOVAL OF VENT AND BLANK PLUGS
WILL ALTER THE FLOW CONFIGURATION

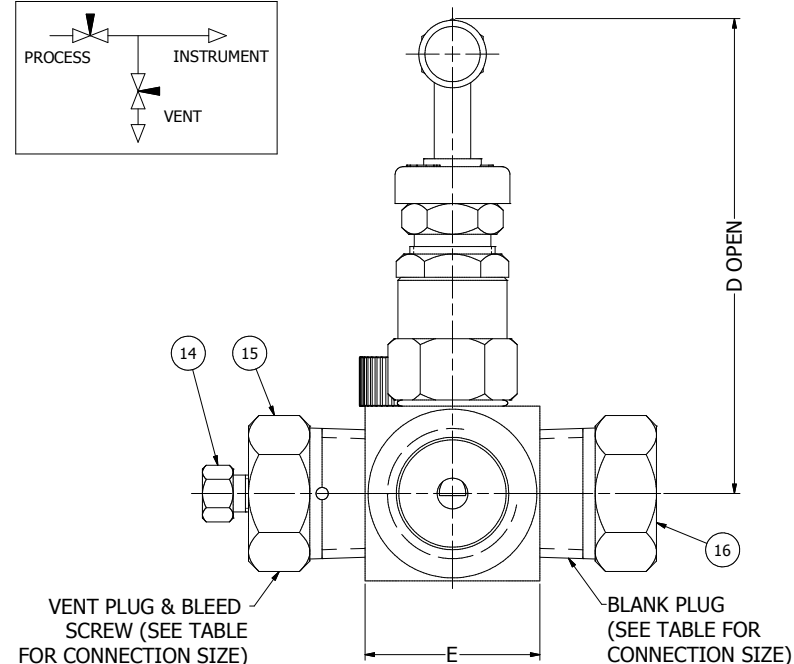
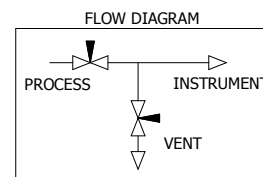
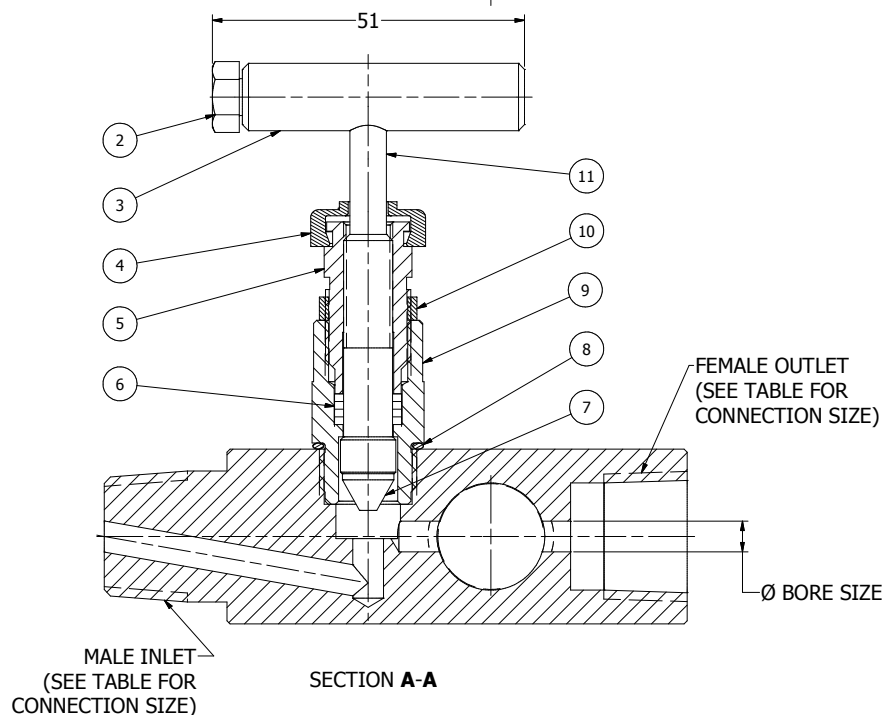


'IMPORTANT' - THIS DOCUMENT
MAY CONTAIN CONTROLLED
INFORMATION AND COULD
THEREFORE REQUIRE EXPORT
PERMISSIONS FROM RELEVANT
AUTHORITIES IN YOUR COUNTRY

PRESSURE RATINGS ARE COLD
WORKING, NON-SHOCK AND
SUBJECT TO TEMPERATURE
LIMITATIONS, UNLESS
OTHERWISE STATED. PLEASE
SEE SPECIFIC PRODUCT DATA

DIMENSIONS AND
DESIGNS
ARE SUBJECT TO CHANGE
WITHOUT PRIOR NOTICE

TYPICAL VALVE LAYOUT



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TITLE:

1/2" TO 3/4" NPT MALE INLET x 1/2" NPT FEMALE OUTLET
'UGV' SERIES SINGLE NEEDLE GAUGE VALVE IN 316 ST/ST MATERIAL
VENT & BLANK PLUGS INCLUDED. 'T'-BAR HANDLE. RATED 10,000psi.

SCALE: N.T.S.

DATE: 14/04/2015

DRAWING NUMBER
UGV#NS-VP-BP TABULATED

DRWN	C.L.	CHKD	I.M.	APRD	A.P.M
REVISION No.	1				