



Custom Sanitary & Ultraclean Components



Vent, Bleed, and Sample Valve

Product Catalog
www.fluidlinetech.com

ABOUT US

In 1989, Fluid Line Technology was founded by our president Mr. Pete Marcilese and our vice president Mr. Philip Jaramilla. Since its early days, Fluid Line has positioned itself as a prime supplier and service provider to an exclusive list of clients in the biotechnology and pharmaceutical industries. For more than 25 years the company has been responsible for bringing to the market place a variety of sanitary and hygienic components that exceed the performance of other brands. Since its inception, Fluid Line has been located in Chatsworth, California where it maintains a corporate office and manufacturing facility. From this location, Fluid Line has provided customers around the world with first class, quality products.

CUSTOM MANUFACTURING

We offer our clients turnkey service: from concept to first article to high volume production. In many cases, as these new ideas have come to fruition, these custom components have become part of our regular product line, which you can see listed throughout our catalog. As an example, we offer the largest range of vent, bleed and sample valves in the industry. Fluid Line Technology produces its complete line of products under one roof using sophisticated manufacturing procedures that have been developed and perfected to bring our customers the highest level of quality possible. To support these procedures, we have invested in a state-of-the-art operating system that enables us to maintain product traceability from raw material to finished product. We have mastered single item custom manufacturing in order to provide our customers with the same degree of quality that is provided by the major producers of high volume standard fittings. All of which conform to ASME/BPE requirements and constraints.

ENGINEERING CAPABILITIES

Fluid Line Technology has not only become a custom fitting manufacturer, but offers its engineering capabilities to many. Over the years this service has brought to market big brand products with small brand attention to detail and quality. As an additional service, we have become a manufacturing hub for multiple OEM's (original equipment manufacturers); a service that continues to this day. Fluid Line Technology has made a direct commitment to provide all of its customers with new products that will meet or exceed the requirements of an ever changing industry.

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STANDARD PRODUCTS

Diaphragm Valves

- Two-way – Manual & Actuated
- Multi Port – Manual & Actuated
- GMP – Manual & Actuated
- Sterile Access – Manual & Actuated
- Zero Static Tees – Manual & Actuated
- IGS – Manual & Actuated

Ball Valves

- Sanitary
- Industrial

Sanitary Sample Cooler (Steam Condenser)

Point of Use Heat Exchanger (Shell & Tube)

Thermowell Elbows

Instrument Tee's & CPM's

Filter Housings

SPECIALTY PRODUCTS

Dip Tubes

Spool Pieces

Manifolds

Custom Fabrication

Carts

Skids

Spargers

SIP-ABLE Valves

Sight-Glass

HeloSpray Device

Stability Test Vials

Co-Axial Tube

MANUFACTURING CAPABILITIES

Metal Forming

- Tube Bending
- Tee Branch Porting
- Multi-outlet Manifolds

Polishing

- From ¼" Diameter Through 12" Diameter
- Mechanical Polishing from Mill Finish to 5Ra
- Abrasive Flow Polishing Service Available

Materials

- 316 L
- Alloy 22, 276, AL6XN
- Performance Plastics
- Consult Factory for other Exotic Materials

Additional Services

- Helium Leak Test
- Third Party Inspection
- Electropolishing

Welding

- From 1/8" Diameter Through 12" Diameter
- Manual Weld
- Semi Automatic Weld
- Orbital Weld

Machining

- Manual Lathe & Mill
- CNC Lathe & Mill

VENT VALVES OVERVIEW

Our Vent valves are available in two family groups: **In-line Vent Valve & Angle Vent Valve**. Two of the most common uses of this type of valve are to evacuate the air mass from inside a filter housing as it is being filled, or to drain a filter housing after use.

These small valves have an inlet orifice size of .104" diameter and can be configured with a variety of sanitary clamp inlet connections depending on the installation. They are available in both concentric and eccentric orientations. The **Vent Valves** are manufactured from **316L stainless steel** and can be special ordered in several corrosive resistant alloys such as **C-22, C-276**

and **AL6XN**. There are different USP CLASS VI elastomeric stem seals available, depending on the valves intended use. They can also be supplied in a number of different surface finishes to suit any application.

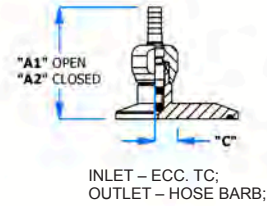
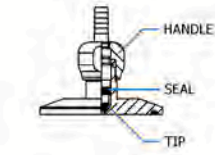
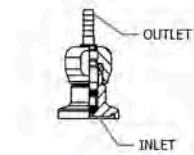
Some of the features on the **Vent Valves** manufactured by **Fluid Line Technology** include: absolute minimal dead leg, non-rotating stem (for extended seal life), handle-locking screws (assures that handle will not come loose from valve body for safety), and fully autoclavable (valve can be sterilized assembled). These help provide our customers with the longest service life between preventative maintenance cycles.

ORDERING SPECIFICATIONS

- Quantity
- Inlet Type (Inline or Angle)
- Inlet Size
- Concentric or Eccentric (If Applicable)
- Outlet Size and Type
- Outlet Orientation (If Applicable)
- Body Material
- Surface Finish
- O-Ring Material
- Handle Color



SANITARY INLINE VENT VALVES - SOLID HANDLE



SANITARY INLINE VENT VALVES - SOLID HANDLE (Ø 0.104" INLET BORE SIZE)

1/8" HB
OUTLET

INLET	PART #	"A1" DIM	"A2" DIM	"C" DIM
0.5" & 0.75"	6HGDA2A*	1.795"	1.745"	
1.0" CONC.	6HGJA2A	1.795"	1.745"	
1.0" ECC.	6HGJD2A	1.795"	1.745"	0.365"
1.5" CONC.	6HGQA2A	1.795"	1.745"	
1.5" ECC.	6HGQD2A	1.795"	1.745"	0.615"

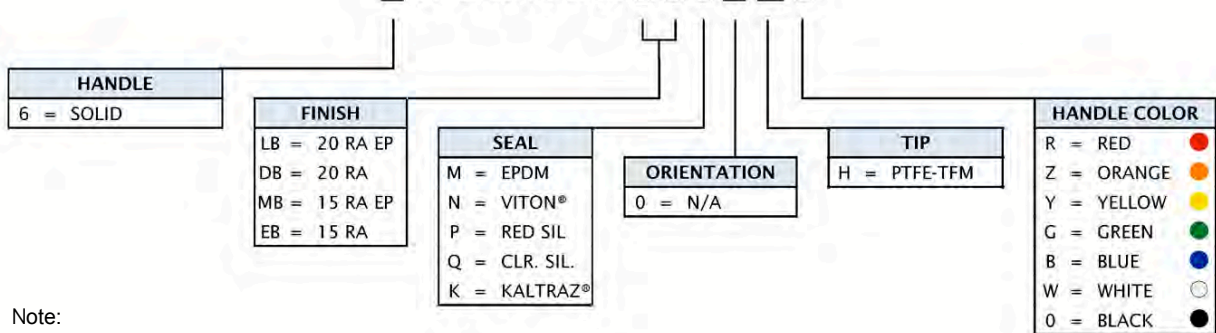
3/16" HB
OUTLET

INLET	PART #	"A1" DIM	"A2" DIM	"C" DIM
0.5" & 0.75"	6HGEA2A	1.795"	1.745"	
1.0" CONC.	6HGKA2A	1.795"	1.745"	
1.0" ECC.	6HGKD2A	1.795"	1.745"	0.365"
1.5" CONC.	6HGRA2A	1.795"	1.745"	
1.5" ECC.	6HGRD2A	1.795"	1.745"	0.615"

SANITARY INLINE VENT VALVES – SOLID HANDLE CONFIGURATION

EXAMPLE: PART# **6HGDA2A*** - 1/8" HB **OUTLET** X 0.5" TC **INLET** INLINE VENT VALVE

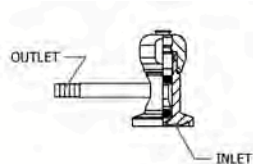
6 H G D A 2 A _ _ _ 0 H _



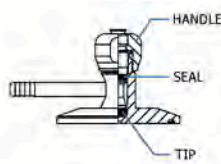
Note:

Custom end connections available on request. Please contact a sales representative.

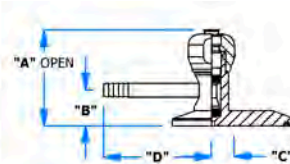
SANITARY ANGLE VENT VALVES - SOLID HANDLE



INLET – FRAC. TC;
OUTLET – HOSE BARB;



INLET – CONC. TC;
OUTLET – HOSE BARB;



INLET – ECC. TC;
OUTLET – HOSE BARB;

SANITARY ANGLE VENT VALVES - SOLID HANDLE (Ø 0.104" INLET BORE SIZE)

1/8" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5" & 0.75"	6AGDA2A*	1.25"	0.58"		1.75"
1.0" CONC.	6AGJA2A	1.25"	0.55"		1.75"
1.0" ECC.	6AGJD2A	1.25"	0.55"	0.365"	1.75"
1.5" CONC.	6AGQA2A	1.25"	0.55"		1.75"
1.5" ECC.	6AGQD2A	1.25"	0.55"	0.615"	1.75"

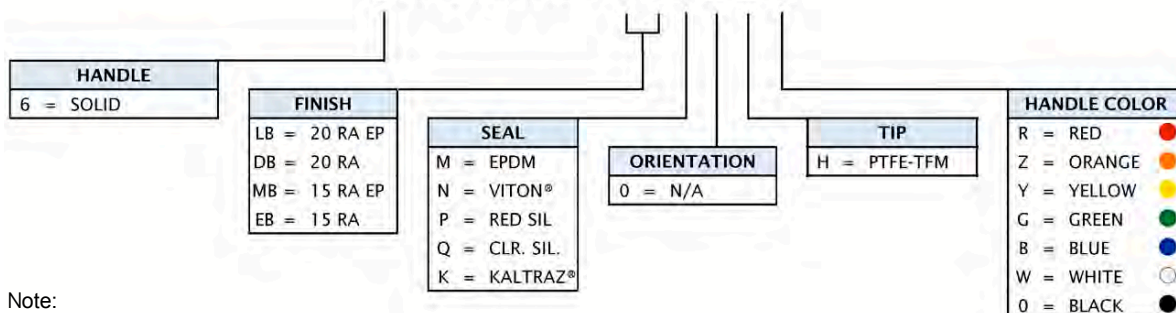
3/16" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5" & 0.75"	6AGEA2A	1.25"	0.58"		1.75"
1.0" CONC.	6AGKA2A	1.25"	0.55"		1.75"
1.0" ECC.	6AGKD2A	1.25"	0.55"	0.365"	1.75"
1.5" CONC.	6AGRA2A	1.25"	0.55"		1.75"
1.5" ECC.	6AGRD2A	1.25"	0.55"	0.615"	1.75"

SANITARY ANGLE VENT VALVES – SOLID HANDLE CONFIGURATION

EXAMPLE: PART# **6AGDA2A*** - 1/8" HB **OUTLET** X 0.5" TC **INLET** ANGLE VENT VALVE

6AGDA2A --- 0H ---



Note:

Custom end connections available on request. Please contact a sales representative.

BLEED VALVES OVERVIEW

Our **Bleed Valve** family of products provides a greater flow rate than the **Vent Valves**, and is available in more configurations: **Inline**, **Angle**, and **Zero Static Tees**. These valves are traditionally used to take a larger size fluid sample. They can be fitted on pumps to be used as casing drains and fitted in most transfer panels as “**Safety Caps**” to prevent accidents when jumpers are realigned.

Our **Bleed Valves** have an inlet orifice size of .187" diameter and are available in a large variety of inlet connections. Both the **Inline** and the **Angle** style valves can be configured with a concentric or eccentric arrangement. All of the **Bleed Valves** are manufactured of **316L stainless steel**, but are also available in corrosive resistant materials such as **C-22**, **C-276** and **AL6XN** with different surface finishes.

Our **Bleed Valves** can be fitted with an optional stem that allows the use of an elastomeric tip seal. This option, when combined with our newly developed **Submersible Handle**, allows the user to expose the

valve assembly to the most severe washing procedures and autoclave cycles. There are a number of different elastomeric materials available, each suited for the intended use of the valve. All of these elastomeric materials comply with **USP Class VI** and meet **FDA CFR 177.2600 of Title 21**.

The complete family of **Bleed Valves** is available in five different handle types: **Solid Handle**, **Snap-On Handle**, **Submersible Handle**, and **Toggle Handle** in both safety and non-safety options. Our handle types are available in seven different colors in order to code different locations or certain preventative maintenance cycles.

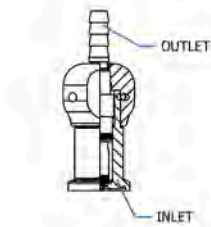
Some of the benefits and features of the family of **Bleed Valves** include: absolute minimum dead leg; non-rotating stem (for extended seal life); quick assembly-disassembly (minimal maintenance time); largest combination of inlet, outlet, stem and handle options; handle locking screws (assures that handle will not come loose from valve body for safety); and fully autoclavable (valve can be sterilized as a complete assembly).

ORDERING SPECIFICATIONS

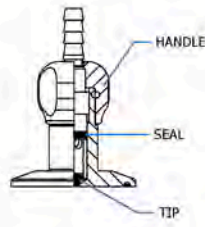
- Quantity
- Inlet Type (Inline, Angle, or Tee Style)
- Inlet Size
- Concentric or Eccentric (If Applicable)
- Outlet Size and Type
- Outlet Orientation (If Applicable)
- Body Material
- Surface Finish
- O-Ring Material
- Tip Option
- Handle Type
- Handle Color



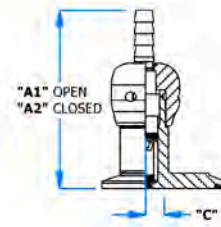
SANITARY INLINE BLEED VALVES – SOLID HANDLE



INLET – FRAC. TC;
OUTLET – HOSE BARB;



INLET – CONC. TC;
OUTLET – HOSE BARB;



INLET – ECC. TC;
OUTLET – HOSE BARB;

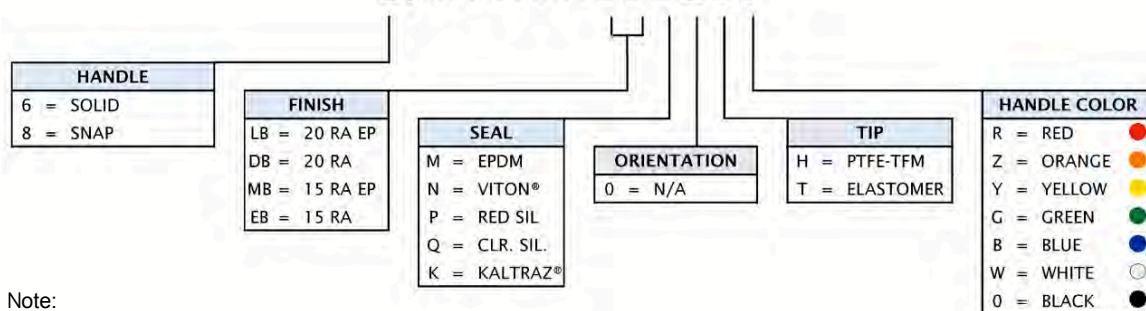
SANITARY INLINE BLEED VALVES - SOLID HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB OUTLET	INLET	PART #	"A1" DIM	"A2" DIM	"C" DIM
	0.5" & 0.75"	6JGFA2A*	2.95"	2.85"	
	1.0" CONC.	6JGLA2A	2.95"	2.85"	
	1.0" ECC.	6JGLD2A	2.95"	2.85"	0.322"
	1.5" CONC.	6JGSA2A	2.95"	2.85"	
	1.5" ECC.	6JGSD2A	2.95"	2.85"	0.572"
	2.0" CONC.	6JGZA2A	2.95"	2.85"	
	2.0" ECC.	6JGZD2A	2.95"	2.85"	0.822"
	2.5" CONC.	6JHJA2A	2.95"	2.85"	
	2.5" ECC.	6JHJD2A	2.95"	2.85"	1.070"
	3.0" CONC.	6JJDA2A	2.95"	2.85"	
	3.0" ECC.	6JJDD2A	2.95"	2.85"	1.322"
	4.0" CONC.	6JJTA2A	2.95"	2.85"	
	4.0" ECC.	6JJTD2A	2.95"	2.85"	1.804"

SANITARY INLINE BLEED VALVES – SOLID HANDLE CONFIGURATION

EXAMPLE: PART# **6JGFA2A*** - 1/4" HB **OUTLET** X 0.5" TC **INLET** INLINE BLEED VALVE

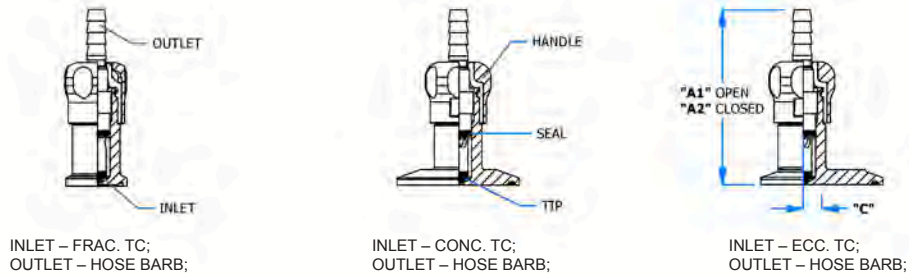
6 J G F A 2 A _ _ _ 0 _ _



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY INLINE BLEED VALVES – SNAP HANDLE

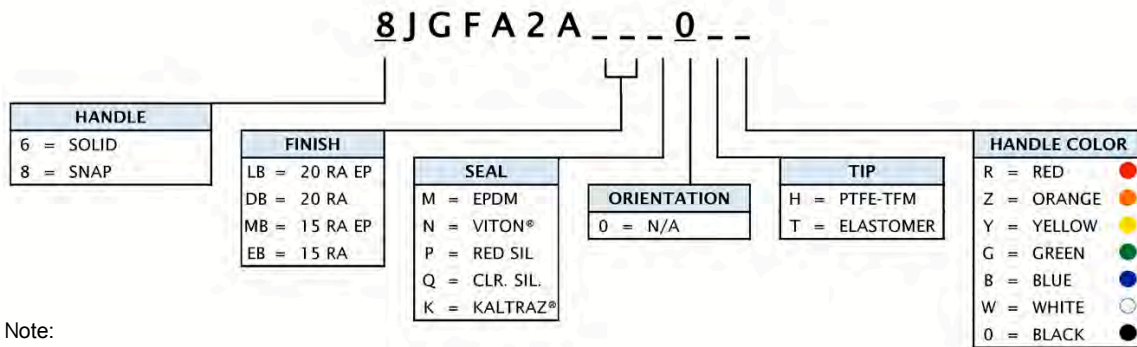


SANITARY INLINE BLEED VALVES - SNAP HANDLE (Ø 0.187" INLET BORE SIZE)

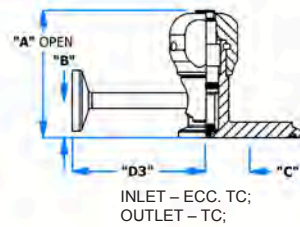
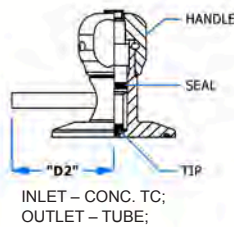
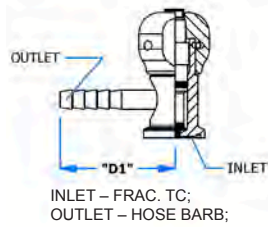
1/4" HB OUTLET	INLET	PART #	"A" DIM	"A2" DIM	"C" DIM
	0.5" & 0.75"	8JGFA2A*	2.95"	2.85"	
	1.0" CONC.	8JGLA2A	2.95"	2.85"	
	1.0" ECC.	8JGLD2A	2.95"	2.85"	0.322"
	1.5" CONC.	8JGSA2A	2.95"	2.85"	
	1.5" ECC.	8JGSD2A	2.95"	2.85"	0.572"
	2.0" CONC.	8JGZA2A	2.95"	2.85"	
	2.0" ECC.	8JGZD2A	2.95"	2.85"	0.822"
	2.5" CONC.	8JHJA2A	2.95"	2.85"	
	2.5" ECC.	8JHJD2A	2.95"	2.85"	1.070"
	3.0" CONC.	8JJDA2A	2.95"	2.85"	
	3.0" ECC.	8JJDD2A	2.95"	2.85"	1.322"
	4.0" CONC.	8JJTA2A	2.95"	2.85"	
	4.0" ECC.	8JJTD2A	2.95"	2.85"	1.804"

SANITARY INLINE BLEED VALVES – SNAP HANDLE CONFIGURATION

EXAMPLE: PART# **8JGFA2A*** - 1/4" HB **OUTLET** X 0.5" TC **INLET** INLINE BLEED VALVE



SANITARY ANGLE BLEED VALVES – SOLID HANDLE



SANITARY ANGLE BLEED VALVES - SOLID HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	6BGFA2A*	2.05"	0.63"		1.85"
1.0" CONC.	6BGLA2A	2.05"	0.61"		1.85"
1.0" ECC.	6BGLD2A	2.05"	0.61"	0.322"	1.85"
1.5" CONC.	6BGSA2A	2.05"	0.61"		1.85"
1.5" ECC.	6BGSD2A	2.05"	0.61"	0.572"	1.85"
2.0" CONC.	6BGZA2A	2.05"	0.61"		2.25"
2.0" ECC.	6BGZD2A	2.05"	0.61"	0.822"	1.85"
2.5" CONC.	6BHJA2A	2.05"	0.61"		2.50"
2.5" ECC.	6BHJD2A	2.05"	0.61"	1.070"	1.85"
3.0" CONC.	6BJDA2A	2.05"	0.61"		2.75"
3.0" ECC.	6BJDD2A	2.05"	0.61"	1.322"	1.85"
4.0" CONC.	6BJTA2A	2.05"	0.61"		3.25"
4.0" ECC.	6BJTD2A	2.05"	0.61"	1.804"	1.85"

1/4" TUBE
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	6BGFB2A	2.05"	0.63"		1.75"
1.0" CONC.	6BGLB2A	2.05"	0.61"		2.25"
1.0" ECC.	6BGLE2A	2.05"	0.61"	0.322"	1.93"
1.5" CONC.	6BGSE2A	2.05"	0.61"		2.25"
1.5" ECC.	6BGSE2A	2.05"	0.61"	0.572"	1.93"
2.0" CONC.	6BGZB2A	2.05"	0.61"		2.75"
2.0" ECC.	6BGZE2A	2.05"	0.61"	0.822"	1.93"
2.5" CONC.	6BHJB2A	2.05"	0.61"		3.00"
2.5" ECC.	6BHJE2A	2.05"	0.61"	1.070"	1.93"
3.0" CONC.	6BJDB2A	2.05"	0.61"		3.25"
3.0" ECC.	6BJDE2A	2.05"	0.61"	1.322"	1.93"
4.0" CONC.	6BJTB2A	2.05"	0.61"		3.75"
4.0" ECC.	6BJTE2A	2.05"	0.61"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES - SOLID HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TUBE
OUTLET

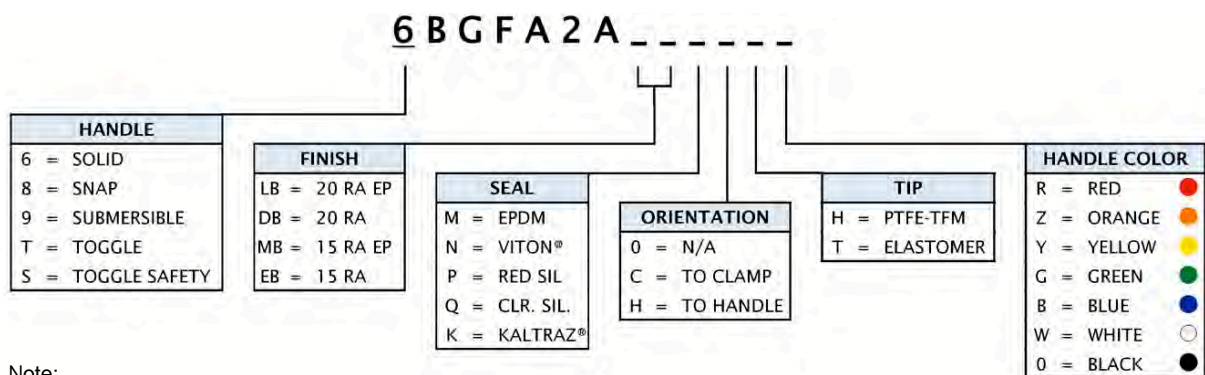
INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	6BGGB2A	2.05"	0.57"		1.75"
1.0" CONC.	6BGMB2A	2.05"	0.55"		2.25"
1.0" ECC.	6BGME2A	2.05"	0.55"	0.322"	1.93"
1.5" CONC.	6BGTB2A	2.05"	0.55"		2.25"
1.5" ECC.	6BGTE2A	2.05"	0.55"	0.572"	1.93"
2.0" CONC.	6BHAB2A	2.05"	0.55"		2.75"
2.0" ECC.	6BHAE2A	2.05"	0.55"	0.822"	1.93"
2.5" CONC.	6BHKB2A	2.05"	0.55"		3.00"
2.5" ECC.	6BHKE2A	2.05"	0.55"	1.070"	1.93"
3.0" CONC.	6BJEB2A	2.05"	0.55"		3.25"
3.0" ECC.	6BJEE2A	2.05"	0.55"	1.322"	1.93"
4.0" CONC.	6BJUB2A	2.05"	0.55"		3.75"
4.0" ECC.	6BJUE2A	2.05"	0.55"	1.804"	1.93"

3/8" TC
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	6BGGC2A	2.05"	0.57"		1.75"
1.0" CONC.	6BGMC2A	2.05"	0.55"		2.25"
1.0" ECC.	6BGMF2A	2.05"	0.55"	0.322"	1.93"
1.5" CONC.	6BGTC2A	2.05"	0.55"		2.25"
1.5" ECC.	6BGTF2A	2.05"	0.55"	0.572"	1.93"
2.0" CONC.	6BHAC2A	2.05"	0.55"		2.75"
2.0" ECC.	6BHAF2A	2.05"	0.55"	0.822"	1.93"
2.5" CONC.	6BHKC2A	2.05"	0.55"		3.00"
2.5" ECC.	6BHKF2A	2.05"	0.55"	1.070"	1.93"
3.0" CONC.	6BJEC2A	2.05"	0.55"		3.25"
3.0" ECC.	6BJEF2A	2.05"	0.55"	1.322"	1.93"
4.0" CONC.	6BJUC2A	2.05"	0.55"		3.75"
4.0" ECC.	6BJUF2A	2.05"	0.55"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES – SOLID HANDLE CONFIGURATION

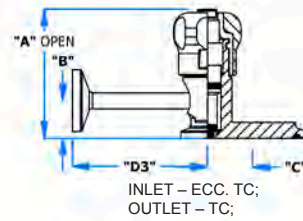
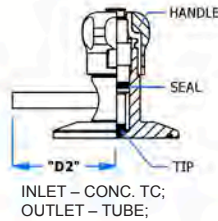
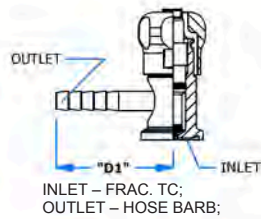
EXAMPLE: PART# **6BGFA2A*** - 1/4" HB **OUTLET** X 0.5" TC **INLET** ANGLE BLEED VALVE



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ANGLE BLEED VALVES – SNAP HANDLE



SANITARY ANGLE BLEED VALVES - SNAP HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	8BGFA2A*	2.05"	0.63"		1.85"
1.0" CONC.	8BGLA2A	2.05"	0.61"		1.85"
1.0" ECC.	8BGLD2A	2.05"	0.61"	0.322"	1.85"
1.5" CONC.	8BGS2A	2.05"	0.61"		1.85"
1.5" ECC.	8BGSD2A	2.05"	0.61"	0.572"	1.85"
2.0" CONC.	8BGZA2A	2.05"	0.61"		2.25"
2.0" ECC.	8BGZD2A	2.05"	0.61"	0.822"	1.85"
2.5" CONC.	8BHJA2A	2.05"	0.61"		2.50"
2.5" ECC.	8BHJD2A	2.05"	0.61"	1.070"	1.85"
3.0" CONC.	8BJDA2A	2.05"	0.61"		2.75"
3.0" ECC.	8BJDD2A	2.05"	0.61"	1.322"	1.85"
4.0" CONC.	8BJTA2A	2.05"	0.61"		3.25"
4.0" ECC.	8BJTD2A	2.05"	0.61"	1.804"	1.85"

1/4" TUBE
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	8BGFB2A	2.05"	0.63"		1.75"
1.0" CONC.	8BGLB2A	2.05"	0.61"		2.25"
1.0" ECC.	8BGLE2A	2.05"	0.61"	0.322"	1.93"
1.5" CONC.	8BGSB2A	2.05"	0.61"		2.25"
1.5" ECC.	8BGSE2A	2.05"	0.61"	0.572"	1.93"
2.0" CONC.	8BGZB2A	2.05"	0.61"		2.75"
2.0" ECC.	8BGZE2A	2.05"	0.61"	0.822"	1.93"
2.5" CONC.	8BHJB2A	2.05"	0.61"		3.00"
2.5" ECC.	8BHJE2A	2.05"	0.61"	1.070"	1.93"
3.0" CONC.	8BJDB2A	2.05"	0.61"		3.25"
3.0" ECC.	8BJDE2A	2.05"	0.61"	1.322"	1.93"
4.0" CONC.	8BJTB2A	2.05"	0.61"		3.75"
4.0" ECC.	8BJTE2A	2.05"	0.61"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES - SNAP HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TUBE
OUTLET

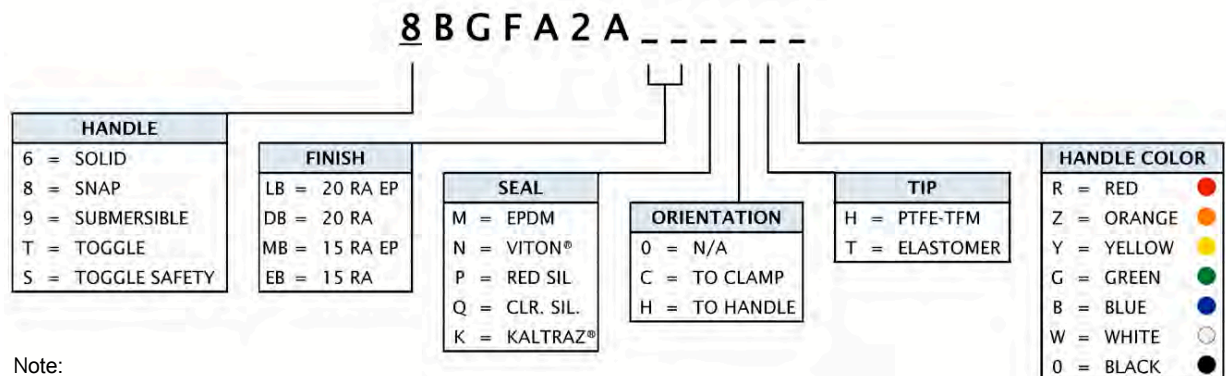
INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	8BGG2A	2.05"	0.57"		1.75"
1.0" CONC.	8BGM2A	2.05"	0.55"		2.25"
1.0" ECC.	8BGE2A	2.05"	0.55"	0.322"	1.93"
1.5" CONC.	8BGT2A	2.05"	0.55"		2.25"
1.5" ECC.	8BGE2A	2.05"	0.55"	0.572"	1.93"
2.0" CONC.	8BHA2A	2.05"	0.55"		2.75"
2.0" ECC.	8BHA2A	2.05"	0.55"	0.822"	1.93"
2.5" CONC.	8BHB2A	2.05"	0.55"		3.00"
2.5" ECC.	8BHE2A	2.05"	0.55"	1.070"	1.93"
3.0" CONC.	8BJE2A	2.05"	0.55"		3.25"
3.0" ECC.	8BJE2A	2.05"	0.55"	1.322"	1.93"
4.0" CONC.	8BJB2A	2.05"	0.55"		3.75"
4.0" ECC.	8BJE2A	2.05"	0.55"	1.804"	1.93"

3/8" TC
OUTLET

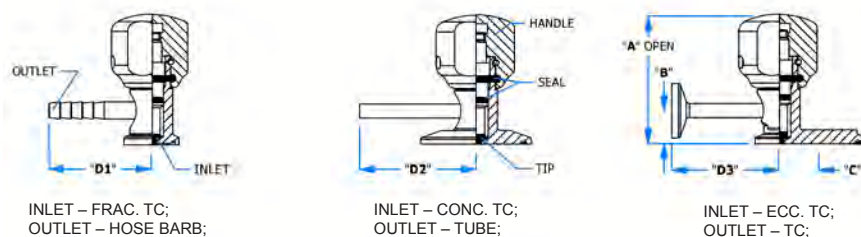
INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	8BGC2A	2.05"	0.57"		1.75"
1.0" CONC.	8BGM2A	2.05"	0.55"		2.25"
1.0" ECC.	8BGM2A	2.05"	0.55"	0.322"	1.93"
1.5" CONC.	8BGT2A	2.05"	0.55"		2.25"
1.5" ECC.	8BGT2A	2.05"	0.55"	0.572"	1.93"
2.0" CONC.	8BHA2A	2.05"	0.55"		2.75"
2.0" ECC.	8BHA2A	2.05"	0.55"	0.822"	1.93"
2.5" CONC.	8BHB2A	2.05"	0.55"		3.00"
2.5" ECC.	8BHE2A	2.05"	0.55"	1.070"	1.93"
3.0" CONC.	8BJE2A	2.05"	0.55"		3.25"
3.0" ECC.	8BJE2A	2.05"	0.55"	1.322"	1.93"
4.0" CONC.	8BJB2A	2.05"	0.55"		3.75"
4.0" ECC.	8BJE2A	2.05"	0.55"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES – SNAP HANDLE CONFIGURATION

EXAMPLE: PART# **8BGF2A*** - 1/4" HB OUTLET X 0.5" TC INLET ANGLE BLEED VALVE



SANITARY ANGLE BLEED VALVES – SUBMERSIBLE HANDLE



SANITARY ANGLE BLEED VALVES - SUBMERSIBLE HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	9BGFA2A*	2.05"	0.63"		1.85"
1.0" CONC.	9BGLA2A	2.05"	0.61"		1.85"
1.0" ECC.	9BGLD2A	2.05"	0.61"	0.322"	1.85"
1.5" CONC.	9BGSA2A	2.05"	0.61"		1.85"
1.5" ECC.	9BGSD2A	2.05"	0.61"	0.572"	1.85"
2.0" CONC.	9BGZA2A	2.05"	0.61"		2.25"
2.0" ECC.	9BGZD2A	2.05"	0.61"	0.822"	1.85"
2.5" CONC.	9BHJA2A	2.05"	0.61"		2.50"
2.5" ECC.	9BHJD2A	2.05"	0.61"	1.070"	1.85"
3.0" CONC.	9BJDA2A	2.05"	0.61"		2.75"
3.0" ECC.	9BJDD2A	2.05"	0.61"	1.322"	1.85"
4.0" CONC.	9BJTA2A	2.05"	0.61"		3.25"
4.0" ECC.	9BJTD2A	2.05"	0.61"	1.804"	1.85"

1/4" TUBE
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	9BGFB2A	2.05"	0.63"		1.75"
1.0" CONC.	9BGLB2A	2.05"	0.61"		2.25"
1.0" ECC.	9BGLE2A	2.05"	0.61"	0.322"	1.93"
1.5" CONC.	9BGSB2A	2.05"	0.61"		2.25"
1.5" ECC.	9BGSE2A	2.05"	0.61"	0.572"	1.93"
2.0" CONC.	9BGZB2A	2.05"	0.61"		2.75"
2.0" ECC.	9BGZE2A	2.05"	0.61"	0.822"	1.93"
2.5" CONC.	9BHJB2A	2.05"	0.61"		3.00"
2.5" ECC.	9BHJE2A	2.05"	0.61"	1.070"	1.93"
3.0" CONC.	9BJDB2A	2.05"	0.61"		3.25"
3.0" ECC.	9BJDE2A	2.05"	0.61"	1.322"	1.93"
4.0" CONC.	9BJTB2A	2.05"	0.61"		3.75"
4.0" ECC.	9BJTE2A	2.05"	0.61"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES - SUBMERSIBLE HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TUBE
OUTLET

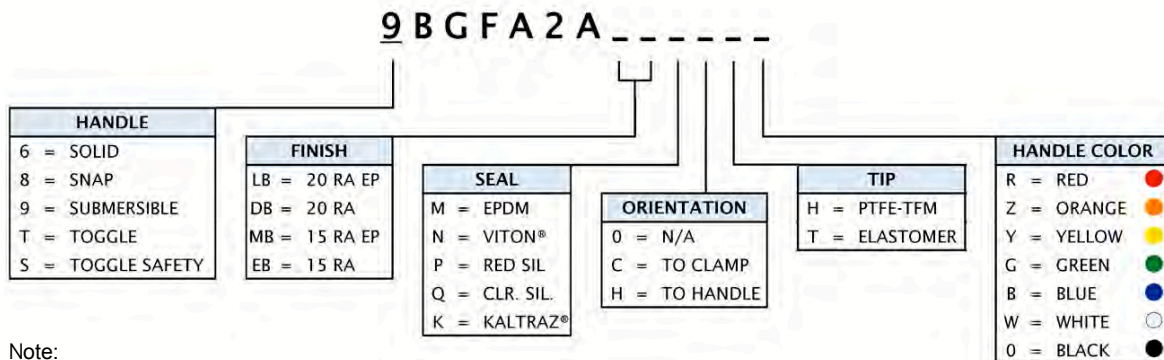
INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	9BGG2A	2.05"	0.57"		1.75"
1.0" CONC.	9BGM2A	2.05"	0.55"		2.25"
1.0" ECC.	9BGM2A	2.05"	0.55"	0.322"	1.93"
1.5" CONC.	9BGT2A	2.05"	0.55"		2.25"
1.5" ECC.	9BGT2A	2.05"	0.55"	0.572"	1.93"
2.0" CONC.	9BHAB2A	2.05"	0.55"		2.75"
2.0" ECC.	9BHAE2A	2.05"	0.55"	0.822"	1.93"
2.5" CONC.	9BHK2A	2.05"	0.55"		3.00"
2.5" ECC.	9BHE2A	2.05"	0.55"	1.070"	1.93"
3.0" CONC.	9BJEB2A	2.05"	0.55"		3.25"
3.0" ECC.	9BJEE2A	2.05"	0.55"	1.322"	1.93"
4.0" CONC.	9BJUB2A	2.05"	0.55"		3.75"
4.0" ECC.	9BJUE2A	2.05"	0.55"	1.804"	1.93"

3/8" TC
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	9BGG2A	2.05"	0.57"		1.75"
1.0" CONC.	9BGM2A	2.05"	0.55"		2.25"
1.0" ECC.	9BGM2A	2.05"	0.55"	0.322"	1.93"
1.5" CONC.	9BGT2A	2.05"	0.55"		2.25"
1.5" ECC.	9BGT2A	2.05"	0.55"	0.572"	1.93"
2.0" CONC.	9BHAB2A	2.05"	0.55"		2.75"
2.0" ECC.	9BHAE2A	2.05"	0.55"	0.822"	1.93"
2.5" CONC.	9BHK2A	2.05"	0.55"		3.00"
2.5" ECC.	9BHE2A	2.05"	0.55"	1.070"	1.93"
3.0" CONC.	9BJEB2A	2.05"	0.55"		3.25"
3.0" ECC.	9BJEE2A	2.05"	0.55"	1.322"	1.93"
4.0" CONC.	9BJUB2A	2.05"	0.55"		3.75"
4.0" ECC.	9BJUE2A	2.05"	0.55"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES – SUBMERSIBLE HANDLE CONFIGURATION

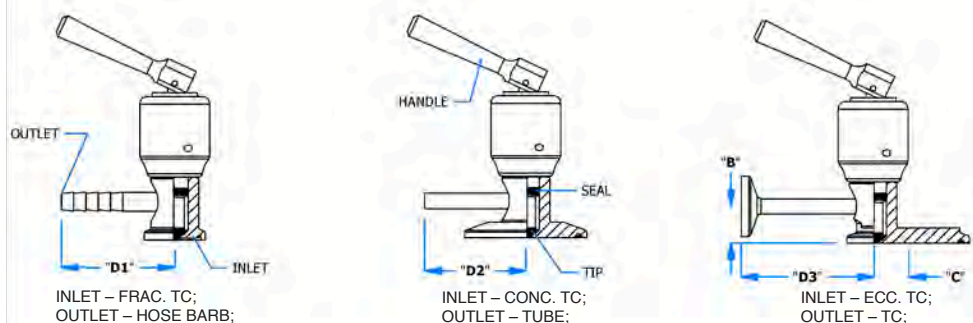
EXAMPLE: PART# **9BGFA2A*** - 1/4" HB **OUTLET** X 0.5" TC **INLET** ANGLE BLEED VALVE



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ANGLE BLEED VALVES – TOGGLE HANDLE



SANITARY ANGLE BLEED VALVES - TOGGLE HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	TBGFA2A*	0.63"		1.85"
1.0" CONC.	TBGLA2A	0.61"		1.85"
1.0" ECC.	TBGLD2A	0.61"	0.322"	1.85"
1.5" CONC.	TBGSA2A	0.61"		1.85"
1.5" ECC.	TBGSD2A	0.61"	0.572"	1.85"
2.0" CONC.	TBGZA2A	0.61"		2.25"
2.0" ECC.	TBGZD2A	0.61"	0.822"	1.85"
2.5" CONC.	TBHJA2A	0.61"		2.50"
2.5" ECC.	TBHJD2A	0.61"	1.070"	1.85"
3.0" CONC.	TBJDA2A	0.61"		2.75"
3.0" ECC.	TBJDD2A	0.61"	1.322"	1.85"
4.0" CONC.	TBJTA2A	0.61"		3.25"
4.0" ECC.	TBJTD2A	0.61"	1.804"	1.85"

1/4" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	TBGFB2A	0.63"		1.75"
1.0" CONC.	TBGLB2A	0.61"		2.25"
1.0" ECC.	TBGLE2A	0.61"	0.322"	1.93"
1.5" CONC.	TBGSB2A	0.61"		2.25"
1.5" ECC.	TBGSE2A	0.61"	0.572"	1.93"
2.0" CONC.	TBGZB2A	0.61"		2.75"
2.0" ECC.	TBGZE2A	0.61"	0.822"	1.93"
2.5" CONC.	TBHJB2A	0.61"		3.00"
2.5" ECC.	TBHJE2A	0.61"	1.070"	1.93"
3.0" CONC.	TBJDB2A	0.61"		3.25"
3.0" ECC.	TBJDE2A	0.61"	1.322"	1.93"
4.0" CONC.	TBJTB2A	0.61"		3.75"
4.0" ECC.	TBJTE2A	0.61"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES - TOGGLE HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TUBE
OUTLET

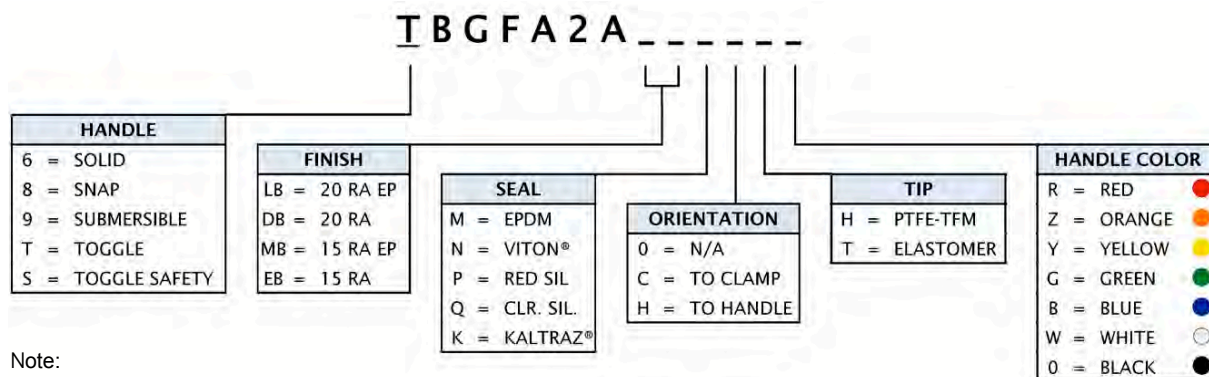
INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	TBGG2A	0.57"		1.75"
1.0" CONC.	TBGM2A	0.55"		2.25"
1.0" ECC.	TBGM2A	0.55"	0.322"	1.93"
1.5" CONC.	TBGT2A	0.55"		2.25"
1.5" ECC.	TBGT2A	0.55"	0.572"	1.93"
2.0" CONC.	TBHA2A	0.55"		2.75"
2.0" ECC.	TBHA2A	0.55"	0.822"	1.93"
2.5" CONC.	TBHB2A	0.55"		3.00"
2.5" ECC.	TBHB2A	0.55"	1.070"	1.93"
3.0" CONC.	TBJE2A	0.55"		3.25"
3.0" ECC.	TBJE2A	0.55"	1.322"	1.93"
4.0" CONC.	TBJU2A	0.55"		3.75"
4.0" ECC.	TBJU2A	0.55"	1.804"	1.93"

3/8" TC
OUTLET

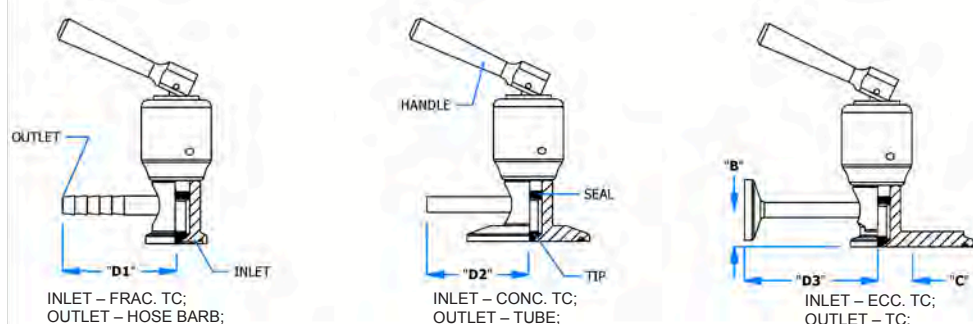
INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	TBGG2A	0.57"		1.75"
1.0" CONC.	TBGM2A	0.55"		2.25"
1.0" ECC.	TBGM2A	0.55"	0.322"	1.93"
1.5" CONC.	TBGT2A	0.55"		2.25"
1.5" ECC.	TBGT2A	0.55"	0.572"	1.93"
2.0" CONC.	TBHA2A	0.55"		2.75"
2.0" ECC.	TBHA2A	0.55"	0.822"	1.93"
2.5" CONC.	TBHB2A	0.55"		3.00"
2.5" ECC.	TBHB2A	0.55"	1.070"	1.93"
3.0" CONC.	TBJE2A	0.55"		3.25"
3.0" ECC.	TBJE2A	0.55"	1.322"	1.93"
4.0" CONC.	TBJU2A	0.55"		3.75"
4.0" ECC.	TBJU2A	0.55"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES – TOGGLE HANDLE CONFIGURATION

EXAMPLE: PART# **TBGFA2A*** - 1/4" HB **OUTLET** X 0.5" TC **INLET** ANGLE BLEED VALVE



SANITARY ANGLE BLEED VALVES – TOGGLE SAFETY HANDLE



SANITARY ANGLE BLEED VALVES - TOGGLE SAFETY HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	SBGFA2A*	0.63"		1.85"
1.0" CONC.	SBGLA2A	0.61"		1.85"
1.0" ECC.	SBGLD2A	0.61"	0.322"	1.85"
1.5" CONC.	SBGSA2A	0.61"		1.85"
1.5" ECC.	SBGSD2A	0.61"	0.572"	1.85"
2.0" CONC.	SBGZA2A	0.61"		2.25"
2.0" ECC.	SBGZD2A	0.61"	0.822"	1.85"
2.5" CONC.	SBHJA2A	0.61"		2.50"
2.5" ECC.	SBHJD2A	0.61"	1.070"	1.85"
3.0" CONC.	SBJDA2A	0.61"		2.75"
3.0" ECC.	SBJDD2A	0.61"	1.322"	1.85"
4.0" CONC.	SBJTA2A	0.61"		3.25"
4.0" ECC.	SBJTD2A	0.61"	1.804"	1.85"

1/4" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	SBGFB2A	0.63"		1.75"
1.0" CONC.	SBGLB2A	0.61"		2.25"
1.0" ECC.	SBGLE2A	0.61"	0.322"	1.93"
1.5" CONC.	SBGSB2A	0.61"		2.25"
1.5" ECC.	SBGSE2A	0.61"	0.572"	1.93"
2.0" CONC.	SBGZB2A	0.61"		2.75"
2.0" ECC.	SBGZE2A	0.61"	0.822"	1.93"
2.5" CONC.	SBHJB2A	0.61"		3.00"
2.5" ECC.	SBHJE2A	0.61"	1.070"	1.93"
3.0" CONC.	SBJDB2A	0.61"		3.25"
3.0" ECC.	SBJDE2A	0.61"	1.322"	1.93"
4.0" CONC.	SBJTB2A	0.61"		3.75"
4.0" ECC.	SBJTE2A	0.61"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES - TOGGLE SAFETY HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TUBE
OUTLET

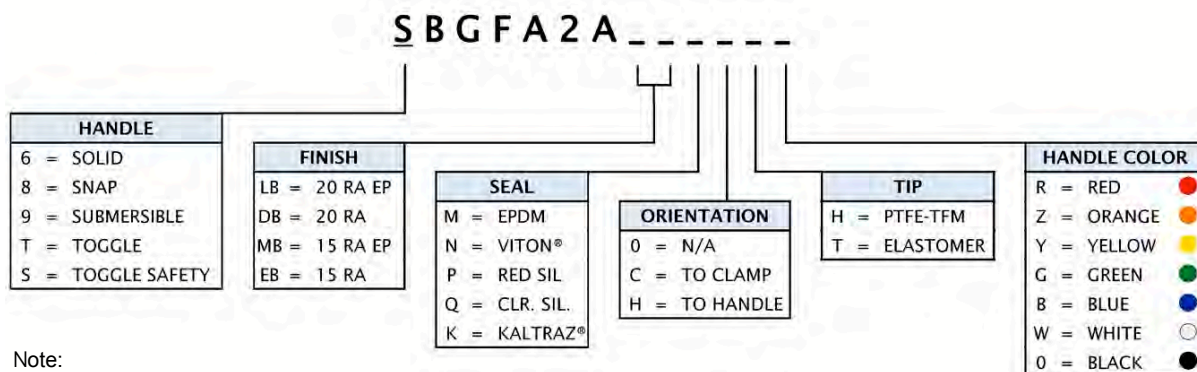
INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	SBGGB2A	0.57"		1.75"
1.0" CONC.	SBGMB2A	0.55"		2.25"
1.0" ECC.	SBGME2A	0.55"	0.322"	1.93"
1.5" CONC.	SBGTB2A	0.55"		2.25"
1.5" ECC.	SBGTE2A	0.55"	0.572"	1.93"
2.0" CONC.	SBHAB2A	0.55"		2.75"
2.0" ECC.	SBHAE2A	0.55"	0.822"	1.93"
2.5" CONC.	SBHKB2A	0.55"		3.00"
2.5" ECC.	SBHKE2A	0.55"	1.070"	1.93"
3.0" CONC.	SBJEB2A	0.55"		3.25"
3.0" ECC.	SBJEE2A	0.55"	1.322"	1.93"
4.0" CONC.	SBJUB2A	0.55"		3.75"
4.0" ECC.	SBJUE2A	0.55"	1.804"	1.93"

3/8" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	SBGGC2A	0.57"		1.75"
1.0" CONC.	SBGMC2A	0.55"		2.25"
1.0" ECC.	SBGMF2A	0.55"	0.322"	1.93"
1.5" CONC.	SBGTC2A	0.55"		2.25"
1.5" ECC.	SBGTF2A	0.55"	0.572"	1.93"
2.0" CONC.	SBHAC2A	0.55"		2.75"
2.0" ECC.	SBHAF2A	0.55"	0.822"	1.93"
2.5" CONC.	SBHKC2A	0.55"		3.00"
2.5" ECC.	SBHKF2A	0.55"	1.070"	1.93"
3.0" CONC.	SBJEC2A	0.55"		3.25"
3.0" ECC.	SBJEF2A	0.55"	1.322"	1.93"
4.0" CONC.	SBJUC2A	0.55"		3.75"
4.0" ECC.	SBJUF2A	0.55"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES – TOGGLE SAFETY HANDLE CONFIGURATION

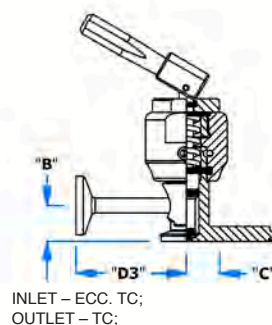
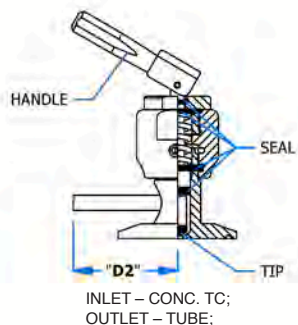
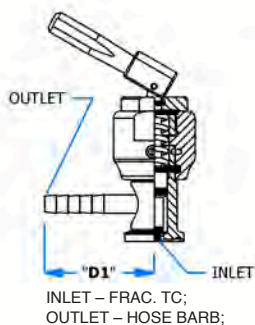
EXAMPLE: PART# **SBGFA2A*** - 1/4" HB **OUTLET** X 0.5" TC **INLET** ANGLE BLEED VALVE



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ANGLE BLEED VALVES – SUBMERSIBLE TOGGLE HANDLE



SANITARY ANGLE BLEED VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	QBGFA2A*	0.63"		1.85"
1.0" CONC.	QBGLA2A	0.61"		1.85"
1.0" ECC.	QBGLD2A	0.61"	0.322"	1.85"
1.5" CONC.	QBGSA2A	0.61"		1.85"
1.5" ECC.	QBGSD2A	0.61"	0.572"	1.85"
2.0" CONC.	QBGZA2A	0.61"		2.25"
2.0" ECC.	QBGZD2A	0.61"	0.822"	1.85"
2.5" CONC.	QBHJA2A	0.61"		2.50"
2.5" ECC.	QBHJD2A	0.61"	1.070"	1.85"
3.0" CONC.	QBJDA2A	0.61"		2.75"
3.0" ECC.	QBJDD2A	0.61"	1.322"	1.85"
4.0" CONC.	QBJTA2A	0.61"		3.25"
4.0" ECC.	QBJTD2A	0.61"	1.804"	1.85"

1/4" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	QBGFB2A	0.63"		1.75"
1.0" CONC.	QBGLB2A	0.61"		2.25"
1.0" ECC.	QBGLE2A	0.61"	0.322"	1.93"
1.5" CONC.	QBGSB2A	0.61"		2.25"
1.5" ECC.	QBGSE2A	0.61"	0.572"	1.93"
2.0" CONC.	QBGZB2A	0.61"		2.75"
2.0" ECC.	QBGZE2A	0.61"	0.822"	1.93"
2.5" CONC.	QBHJB2A	0.61"		3.00"
2.5" ECC.	QBHJE2A	0.61"	1.070"	1.93"
3.0" CONC.	QBJDB2A	0.61"		3.25"
3.0" ECC.	QBJDE2A	0.61"	1.322"	1.93"
4.0" CONC.	QBJTB2A	0.61"		3.75"
4.0" ECC.	QBJTE2A	0.61"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TUBE
OUTLET

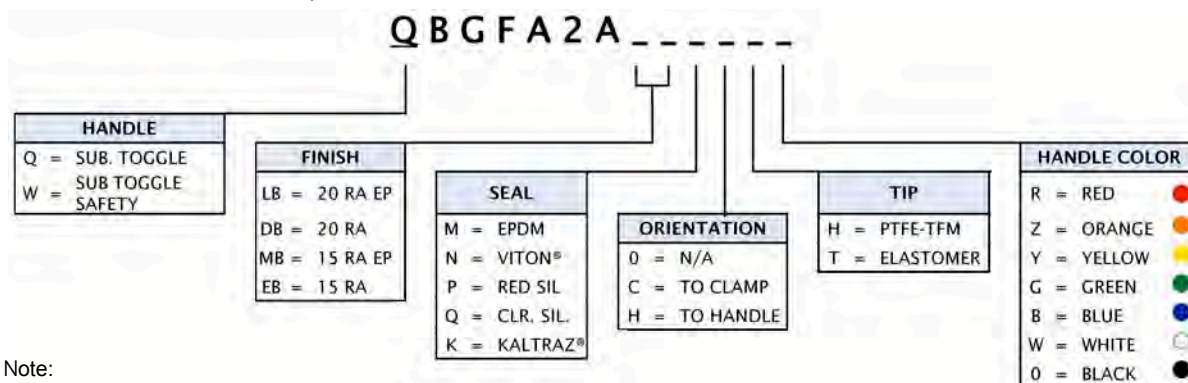
INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	QBGG2A	0.57"		1.75"
1.0" CONC.	QBGM2A	0.55"		2.25"
1.0" ECC.	QBGE2A	0.55"	0.322"	1.93"
1.5" CONC.	QBGT2A	0.55"		2.25"
1.5" ECC.	QBGE2A	0.55"	0.572"	1.93"
2.0" CONC.	QBHA2A	0.55"		2.75"
2.0" ECC.	QBHA2A	0.55"	0.822"	1.93"
2.5" CONC.	QBHB2A	0.55"		3.00"
2.5" ECC.	QBHE2A	0.55"	1.070"	1.93"
3.0" CONC.	QBJE2A	0.55"		3.25"
3.0" ECC.	QBJE2A	0.55"	1.322"	1.93"
4.0" CONC.	QBUB2A	0.55"		3.75"
4.0" ECC.	QBUE2A	0.55"	1.804"	1.93"

3/8" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	QBGG2A	0.57"		1.75"
1.0" CONC.	QBGM2A	0.55"		2.25"
1.0" ECC.	QBGM2A	0.55"	0.322"	1.93"
1.5" CONC.	QBGT2A	0.55"		2.25"
1.5" ECC.	QBGT2A	0.55"	0.572"	1.93"
2.0" CONC.	QBHA2A	0.55"		2.75"
2.0" ECC.	QBHA2A	0.55"	0.822"	1.93"
2.5" CONC.	QBHB2A	0.55"		3.00"
2.5" ECC.	QBHE2A	0.55"	1.070"	1.93"
3.0" CONC.	QBJE2A	0.55"		3.25"
3.0" ECC.	QBJE2A	0.55"	1.322"	1.93"
4.0" CONC.	QBUC2A	0.55"		3.75"
4.0" ECC.	QBUC2A	0.55"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES – SUBMERSIBLE TOGGLE HANDLE CONFIGURATION

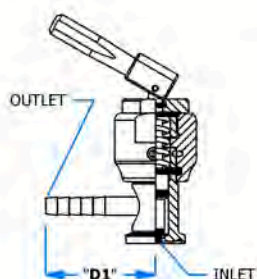
EXAMPLE: PART# **QBGFA2A*** - 1/4" HB **OUTLET** X 0.5" TC **INLET** ANGLE BLEED VALVE



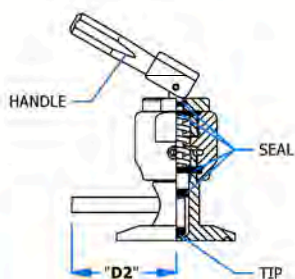
Note:

Custom end connections available on request. Please contact a sales representative.

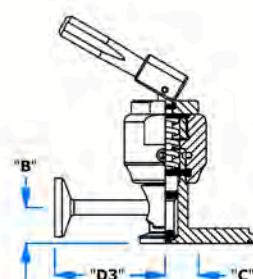
SANITARY ANGLE BLEED VALVES – SUBMERSIBLE TOGGLE SAFETY HANDLE



INLET – FRAC. TC;
OUTLET – HOSE BARB;



INLET – CONC. TC;
OUTLET – TUBE;



INLET – ECC. TC;
OUTLET – TC;

SANITARY ANGLE BLEED VALVES - SUBMERSIBLE TOGGLE SAFETY HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	WBGFA2A*	0.63"		1.85"
1.0" CONC.	WBGLA2A	0.61"		1.85"
1.0" ECC.	WBGLD2A	0.61"	0.322"	1.85"
1.5" CONC.	WBGSA2A	0.61"		1.85"
1.5" ECC.	WBGSD2A	0.61"	0.572"	1.85"
2.0" CONC.	WBGZA2A	0.61"		2.25"
2.0" ECC.	WBGZD2A	0.61"	0.822"	1.85"
2.5" CONC.	WBHJA2A	0.61"		2.50"
2.5" ECC.	WBHJD2A	0.61"	1.070"	1.85"
3.0" CONC.	WBJDA2A	0.61"		2.75"
3.0" ECC.	WBJDD2A	0.61"	1.322"	1.85"
4.0" CONC.	WBJTA2A	0.61"		3.25"
4.0" ECC.	WBJTD2A	0.61"	1.804"	1.85"

1/4" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	WBGFB2A	0.63"		1.75"
1.0" CONC.	WBGLB2A	0.61"		2.25"
1.0" ECC.	WBGLE2A	0.61"	0.322"	1.93"
1.5" CONC.	WBGSB2A	0.61"		2.25"
1.5" ECC.	WBGSE2A	0.61"	0.572"	1.93"
2.0" CONC.	WBGZB2A	0.61"		2.75"
2.0" ECC.	WBGZE2A	0.61"	0.822"	1.93"
2.5" CONC.	WBHJB2A	0.61"		3.00"
2.5" ECC.	WBHJE2A	0.61"	1.070"	1.93"
3.0" CONC.	WBJDB2A	0.61"		3.25"
3.0" ECC.	WBJDE2A	0.61"	1.322"	1.93"
4.0" CONC.	WBJTB2A	0.61"		3.75"
4.0" ECC.	WBJTE2A	0.61"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES - SUBMERSIBLE TOGGLE SAFETY HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TUBE
OUTLET

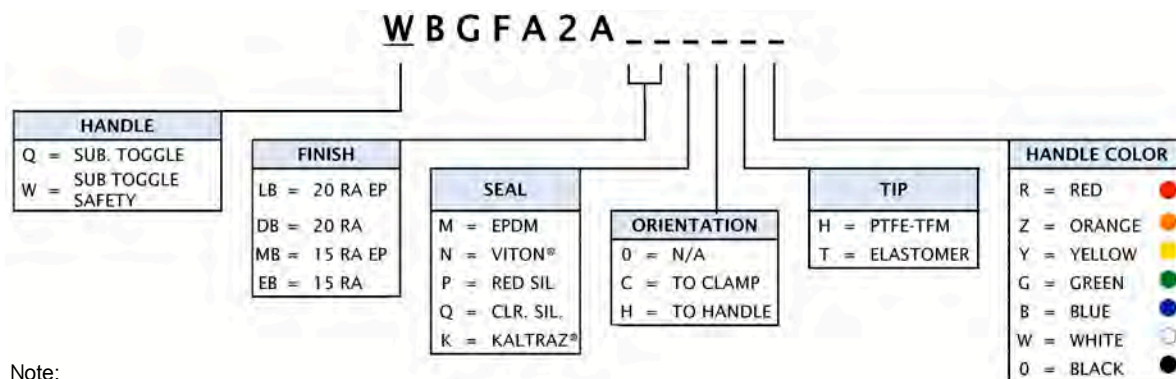
INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	WBGGB2A	0.57"		1.75"
1.0" CONC.	WBGMB2A	0.55"		2.25"
1.0" ECC.	WBGME2A	0.55"	0.322"	1.93"
1.5" CONC.	WGBTB2A	0.55"		2.25"
1.5" ECC.	WBGTE2A	0.55"	0.572"	1.93"
2.0" CONC.	WBHAB2A	0.55"		2.75"
2.0" ECC.	WBHAE2A	0.55"	0.822"	1.93"
2.5" CONC.	WBHKB2A	0.55"		3.00"
2.5" ECC.	WBHKE2A	0.55"	1.070"	1.93"
3.0" CONC.	WBJEB2A	0.55"		3.25"
3.0" ECC.	WBJEE2A	0.55"	1.322"	1.93"
4.0" CONC.	WBJUB2A	0.55"		3.75"
4.0" ECC.	WBJUE2A	0.55"	1.804"	1.93"

3/8" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	WBGGC2A	0.57"		1.75"
1.0" CONC.	WBGMC2A	0.55"		2.25"
1.0" ECC.	WBGMF2A	0.55"	0.322"	1.93"
1.5" CONC.	WBGTC2A	0.55"		2.25"
1.5" ECC.	WBGTF2A	0.55"	0.572"	1.93"
2.0" CONC.	WBHAC2A	0.55"		2.75"
2.0" ECC.	WBHAF2A	0.55"	0.822"	1.93"
2.5" CONC.	WBHKC2A	0.55"		3.00"
2.5" ECC.	WBHKF2A	0.55"	1.070"	1.93"
3.0" CONC.	WBJEC2A	0.55"		3.25"
3.0" ECC.	WBJEF2A	0.55"	1.322"	1.93"
4.0" CONC.	WBJUC2A	0.55"		3.75"
4.0" ECC.	WBJUF2A	0.55"	1.804"	1.93"

SANITARY ANGLE BLEED VALVES – SUBMERSIBLE TOGGLE SAFETY HANDLE CONFIGURATION

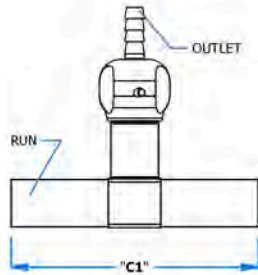
EXAMPLE: PART# **WBGFA2A** - 1/4" HB OUTLET X 0.5" TC INLET ANGLE BLEED VALVE



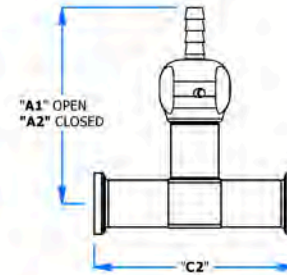
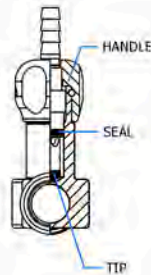
Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE INLINE BLEED VALVES - SOLID HANDLE



INLET - AUTOWELD RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - HOSE BARB;

SANITARY ZERO STATIC TEE INLINE BLEED VALVES - SOLID HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

A / W RUN	PART #	"A1" DIM	"A2" DIM	"C1" DIM
0.5"	6SGBN2A*	3.12"	3.02"	3.85"
0.75"	6SGFN2A	3.24"	3.14"	4.00"
1.0"	6SGLN2A	3.37"	3.27"	4.10"
1.5"	6SGSN2A	3.62"	3.52"	5.30"
2.0"	6SGZN2A	3.88"	3.78"	7.00"
2.5"	6SHJN2A	4.12"	4.02"	7.00"
3.0"	6SJDN2A	4.38"	4.28"	9.00"
4.0"	6SJTN2A	4.86"	4.76"	11.00"

1/4" HB
OUTLET

TC RUN	PART #	"A1" DIM	"A2" DIM	"C2" DIM
0.5"	6SGBR2A	3.12"	3.02"	3.10"
0.75"	6SGFR2A	3.24"	3.14"	3.25"
1.0"	6SGLR2A	3.37"	3.27"	3.35"
1.5"	6SGSR2A	3.62"	3.52"	3.25"
2.0"	6SGZR2A	3.88"	3.78"	3.25"
2.5"	6SHJR2A	4.12"	4.02"	3.25"
3.0"	6SJDR2A	4.38"	4.28"	3.25"
4.0"	6SJTR2A	4.86"	4.76"	3.25"

SANITARY ZERO STATIC TEE INLINE BLEED VALVES – SOLID HANDLE CONFIGURATION

EXAMPLE: PART# **6SGBN2A*** - 1/4" HB **OUTLET** X 0.5" AUTOWELD RUN **INLET** ZERO STATIC TEE INLINE BLEED VALVE

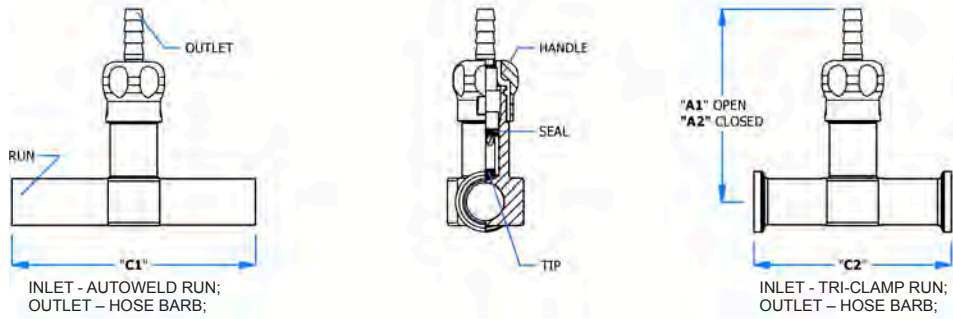
6 S G B N 2 A _ _ _ 0 _ _

HANDLE 6 = SOLID 8 = SNAP	FINISH LB = 20 RA EP DB = 20 RA MB = 15 RA EP EB = 15 RA	SEAL M = EPDM N = VITON® P = RED SIL Q = CLR. SIL. K = KALTRAZ®	ORIENTATION 0 = N/A	TIP H = PTFE-TFM T = ELASTOMER	HANDLE COLOR R = RED Z = ORANGE Y = YELLOW G = GREEN B = BLUE W = WHITE 0 = BLACK
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Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE INLINE BLEED VALVES - SNAP HANDLE



SANITARY ZERO STATIC TEE INLINE BLEED VALVES - SOLID HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

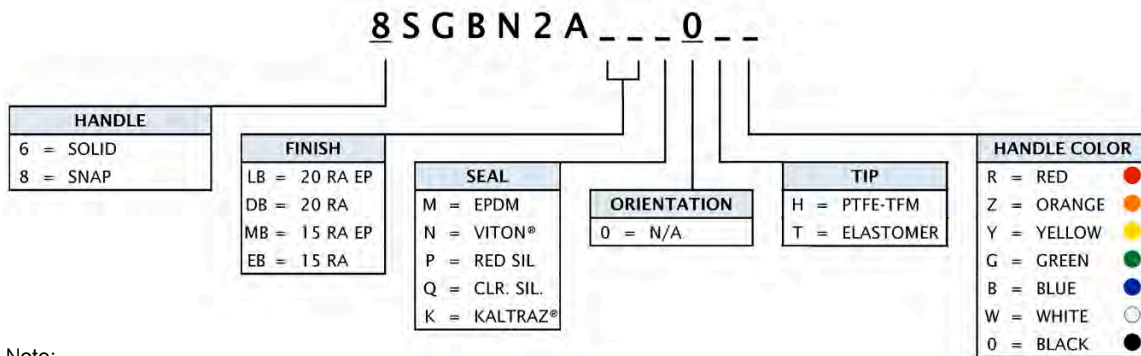
A / W RUN	PART #	"A1" DIM	"A2" DIM	"C1" DIM
0.5"	8SGBN2A*	3.12"	3.02"	3.85"
0.75"	8SGFN2A	3.24"	3.14"	4.00"
1.0"	8SGLN2A	3.37"	3.27"	4.10"
1.5"	8SGSN2A	3.62"	3.52"	5.30"
2.0"	8SGZN2A	3.88"	3.78"	7.00"
2.5"	8SHJN2A	4.12"	4.02"	7.00"
3.0"	8SJDN2A	4.38"	4.28"	9.00"
4.0"	8SJTN2A	4.86"	4.76"	11.00"

1/4" HB
OUTLET

TC RUN	PART #	"A1" DIM	"A2" DIM	"C2" DIM
0.5"	8SGBR2A	3.12"	3.02"	3.10"
0.75"	8SGFR2A	3.24"	3.14"	3.25"
1.0"	8SGLR2A	3.37"	3.27"	3.35"
1.5"	8SGSR2A	3.62"	3.52"	3.25"
2.0"	8SGZR2A	3.88"	3.78"	3.25"
2.5"	8SHJR2A	4.12"	4.02"	3.25"
3.0"	8SJDR2A	4.38"	4.28"	3.25"
4.0"	8SJTR2A	4.86"	4.76"	3.25"

SANITARY ZERO STATIC TEE INLINE BLEED VALVES – SNAP HANDLE CONFIGURATION

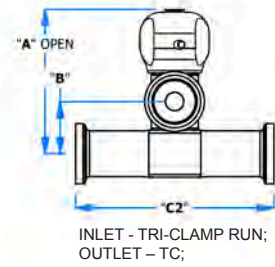
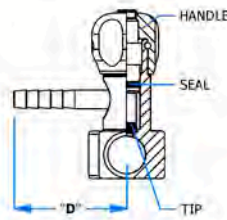
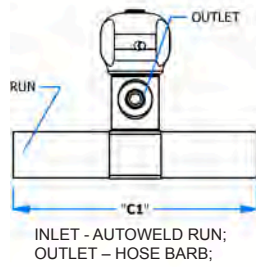
EXAMPLE: PART# **8SGBN2A*** - 1/4" HB **OUTLET** X 0.5" AUTOWELD RUN **INLET** ZERO STATIC TEE INLINE BLEED VALVE



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SOLID HANDLE



SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SOLID HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	6RGN2A*	2.21"	0.79"	3.85"	1.85"
0.75"	6RGFN2A	2.32"	0.91"	4.00"	1.85"
1.0"	6RGLN2A	2.45"	1.04"	4.10"	1.85"
1.5"	6RGSN2A	2.70"	1.29"	5.30"	1.85"
2.0"	6RGZN2A	2.96"	1.55"	7.00"	1.85"
2.5"	6RHJN2A	3.20"	1.79"	7.00"	1.85"
3.0"	6RJDN2A	3.46"	2.05"	9.00"	1.85"
4.0"	6RJTN2A	3.94"	2.53"	11.00"	1.85"

1/4" HB
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
0.5"	6RGBR2A	2.21"	0.79"	3.10"	1.85"
0.75"	6RGFR2A	2.32"	0.91"	3.25"	1.85"
1.0"	6RGLR2A	2.45"	1.04"	3.35"	1.85"
1.5"	6RGSR2A	2.70"	1.29"	3.25"	1.85"
2.0"	6RGZR2A	2.96"	1.55"	3.25"	1.85"
2.5"	6RHJR2A	3.20"	1.79"	3.25"	1.85"
3.0"	6RJDR2A	3.46"	2.05"	3.25"	1.85"
4.0"	6RJTR2A	3.94"	2.53"	3.25"	1.85"

3/8" TC
OUTLET

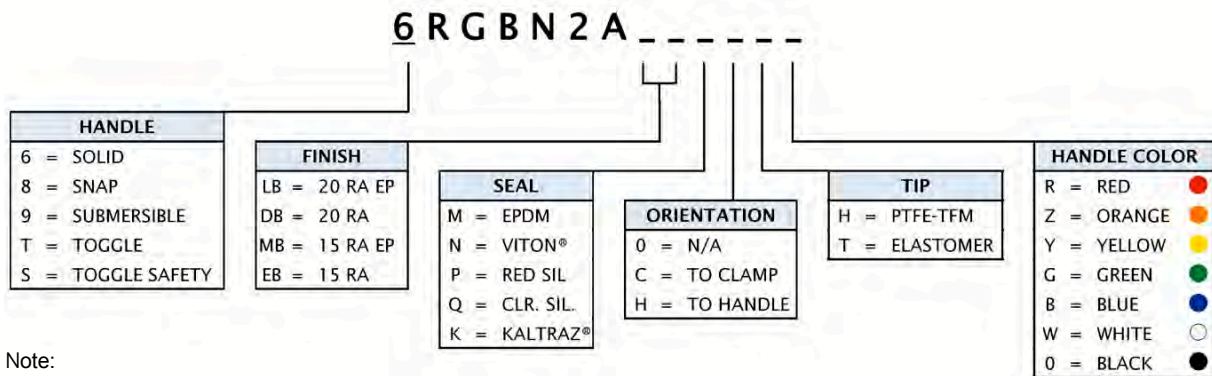
A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	6RGCQ2A	2.21"	0.73"	3.85"	2.75"
0.75"	6RGGQ2A	2.32"	0.86"	4.00"	2.75"
1.0"	6RGMQ2A	2.45"	0.98"	4.10"	2.75"
1.5"	6RGTQ2A	2.70"	1.23"	5.30"	2.75"
2.0"	6RHAQ2A	2.96"	1.50"	7.00"	2.75"
2.5"	6RHKQ2A	3.20"	1.74"	7.00"	2.75"
3.0"	6RJEQ2A	3.46"	2.00"	9.00"	2.75"
4.0"	6RJUQ2A	3.94"	2.48"	11.00"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SOLID HANDLE (Ø 0.187" INLET BORE SIZE)

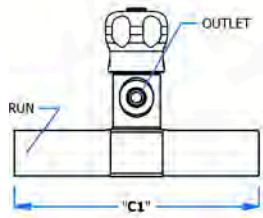
3/8" TC OUTLET	TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
	0.5"	6RGCT2A	2.21"	0.73"	3.10"	2.75"
	0.75"	6RGGT2A	2.32"	0.86"	3.25"	2.75"
	1.0"	6RGMT2A	2.45"	0.98"	3.25"	2.75"
	1.5"	6RGTT2A	2.70"	1.23"	3.25"	2.75"
	2.0"	6RHAT2A	2.96"	1.50"	3.25"	2.75"
	2.5"	6RHKT2A	3.20"	1.74"	3.25"	2.75"
	3.0"	6RJET2A	3.46"	2.00"	3.25"	2.75"
	4.0"	6RJUT2A	3.94"	2.48"	3.25"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES – SOLID HANDLE CONFIGURATION

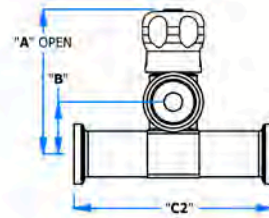
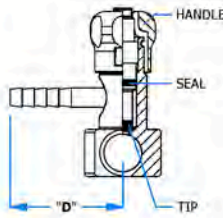
EXAMPLE: PART# **6RGBN2A** - 1/4" HB **OUTLET** X 0.5" AUTOWELD RUN **INLET** ZERO STATIC TEE ANGLE BLEED VALVE



SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SNAP HANDLE



INLET - AUTOWELD RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SNAP HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	8RGBN2A*	2.21"	0.79"	3.85"	1.85"
0.75"	8RGFN2A	2.32"	0.91"	4.00"	1.85"
1.0"	8RGLN2A	2.45"	1.04"	4.10"	1.85"
1.5"	8RGSN2A	2.70"	1.29"	5.30"	1.85"
2.0"	8RGZN2A	2.79"	1.55"	7.00"	1.85"
2.5"	8RHJN2A	3.20"	1.79"	7.00"	1.85"
3.0"	8RJDN2A	3.46"	2.05"	9.00"	1.85"
4.0"	8RJTN2A	3.94"	2.53"	11.00"	1.85"

1/4" HB
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
0.5"	8RGBR2A	3.12"	0.79"	3.10"	1.85"
0.75"	8RGFR2A	3.24"	0.91"	3.25"	1.85"
1.0"	8RGLR2A	3.37"	1.04"	3.25"	1.85"
1.5"	8RGSR2A	3.62"	1.29"	3.25"	1.85"
2.0"	8RGZR2A	3.88"	1.55"	3.25"	1.85"
2.5"	8RHJR2A	4.12"	1.79"	3.25"	1.85"
3.0"	8RJDR2A	4.38"	2.05"	3.25"	1.85"
4.0"	8RJTR2A	4.86"	2.53"	3.25"	1.85"

3/8" TC
OUTLET

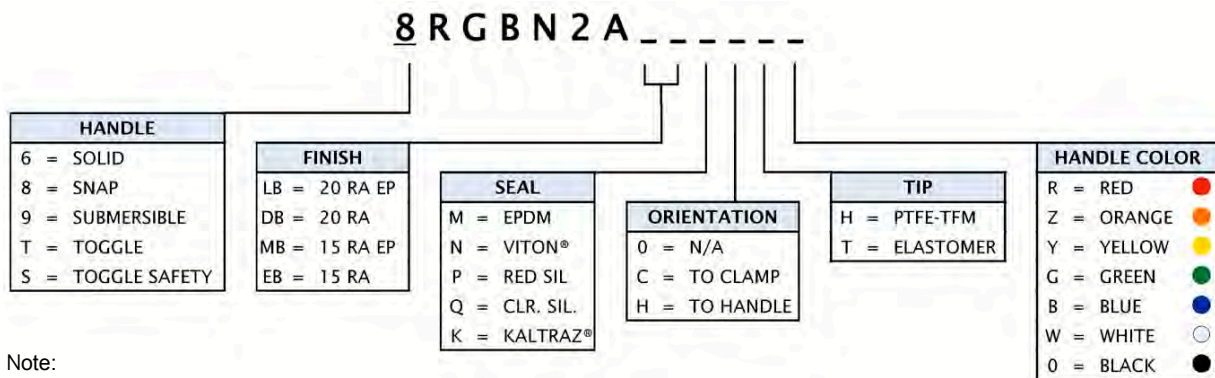
A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	8RGCQ2A	2.21"	0.73"	3.85"	2.75"
0.75"	8RGGQ2A	2.32"	0.86"	4.00"	2.75"
1.0"	8RGMQ2A	2.45"	0.98"	4.10"	2.75"
1.5"	8RGTQ2A	2.70"	1.23"	5.30"	2.75"
2.0"	8RHAQ2A	2.79"	1.50"	7.00"	2.75"
2.5"	8RHKQ2A	3.20"	1.74"	7.00"	2.75"
3.0"	8RJEQ2A	3.46"	2.00"	9.00"	2.75"
4.0"	8RJUQ2A	3.94"	2.48"	11.00"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SNAP HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TC OUTLET	TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
	0.5"	8RGCT2A	2.21"	0.73"	3.10"	2.75"
	0.75"	8RGGT2A	2.32"	0.86"	3.25"	2.75"
	1.0"	8RGMT2A	2.45"	0.98"	3.25"	2.75"
	1.5"	8RGTT2A	2.70"	1.23"	3.25"	2.75"
	2.0"	8RHAT2A	2.96"	1.50"	3.25"	2.75"
	2.5"	8RHKT2A	3.20"	1.74"	3.25"	2.75"
	3.0"	8RJET2A	3.46"	2.00"	3.25"	2.75"
	4.0"	8RJUT2A	3.94"	2.48"	3.25"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES – SNAP HANDLE CONFIGURATION

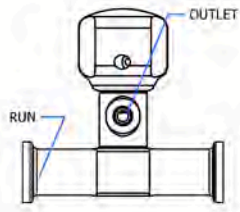
EXAMPLE: PART# **8RGBN2A** - 1/4" HB **OUTLET** X 0.5" AUTOWELD RUN **INLET** ZERO STATIC TEE ANGLE BLEED VALVE



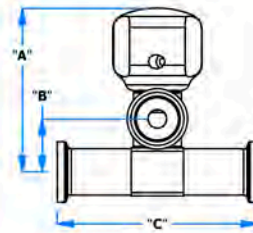
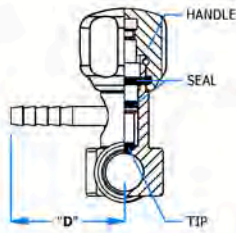
Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SUBMERSIBLE HANDLE



INLET - TRI-CLAMP RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SUBMERSIBLE HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5"	9RGBR2A*	2.51"	0.79"	3.10"	1.85"
0.75"	9RGFR2A	2.62"	0.91"	3.25"	1.85"
1.0"	9RGLR2A	2.75"	1.04"	3.35"	1.85"
1.5"	9RGSR2A	3.00"	1.29"	3.35"	1.85"
2.0"	9RGZR2A	3.26"	1.55"	3.25"	1.85"
2.5"	9RHJR2A	3.50"	1.79"	3.25"	1.85"
3.0"	9RJDR2A	3.76"	2.05"	3.25"	1.85"
4.0"	9RJTR2A	4.24"	2.53"	3.25"	1.85"

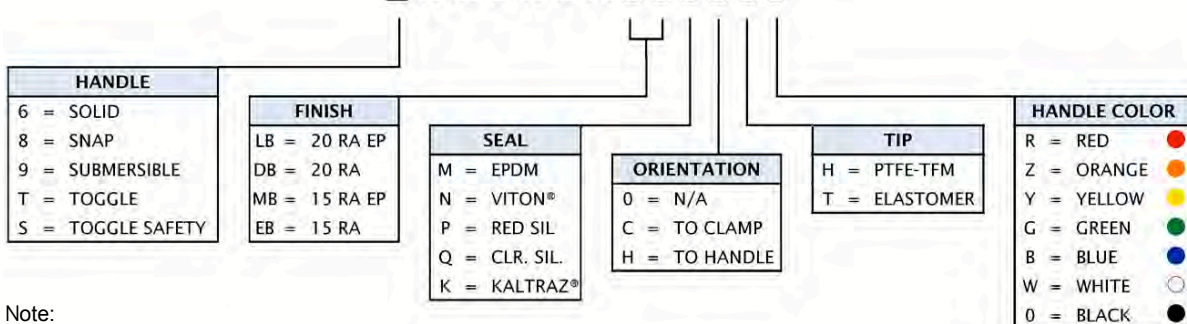
3/8" TC
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5"	9RGCT2A	2.51"	0.79"	3.10"	2.75"
0.75"	9RGGT2A	2.62"	0.91"	3.25"	2.75"
1.0"	9RGMT2A	2.75"	1.04"	3.35"	2.75"
1.5"	9RGTT2A	3.00"	1.29"	3.35"	2.75"
2.0"	9RHAT2A	3.26"	1.55"	3.25"	2.75"
2.5"	9RHKT2A	3.50"	1.79"	3.25"	2.75"
3.0"	9RJET2A	3.76"	2.05"	3.25"	2.75"
4.0"	9RJUT2A	4.24"	2.53"	3.25"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SUBMERSIBLE HANDLE CONFIGURATION

EXAMPLE: PART# **9RGBN2A*** - 1/4" HB **OUTLET** X 0.5" TRI - CLAMP RUN **INLET** ZERO STATIC TEE ANGLE BLEED VALVE

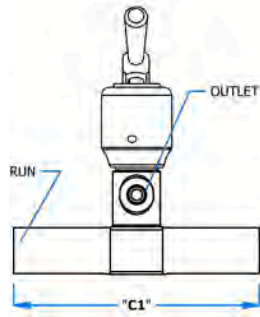
9 R G B R 2 A - - - - -



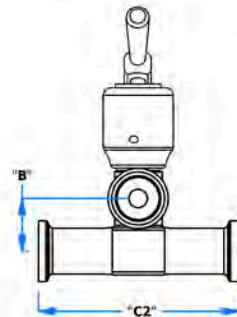
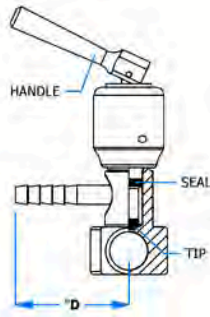
Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - TOGGLE HANDLE



INLET - AUTOWELD RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - TOGGLE HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	TRGBN2A*	0.79"	3.85"	1.85"
0.75"	TRGFN2A	0.91"	4.00"	1.85"
1.0"	TRGLN2A	1.04"	4.10"	1.85"
1.5"	TRGSN2A	1.29"	5.30"	1.85"
2.0"	TRGZN2A	1.55"	7.00"	1.85"
2.5"	TRHJN2A	1.79"	7.00"	1.85"
3.0"	TRJDN2A	2.05"	9.00"	1.85"
4.0"	TRJTN2A	2.53"	11.00"	1.85"

1/4" HB
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	TRGBR2A	0.79"	3.10"	1.85"
0.75"	TRGFR2A	0.91"	3.25"	1.85"
1.0"	TRGLR2A	1.04"	3.35"	1.85"
1.5"	TRGTR2A	1.29"	3.25"	1.85"
2.0"	TRGZR2A	1.55"	3.25"	1.85"
2.5"	TRHJR2A	1.79"	3.25"	1.85"
3.0"	TRJDR2A	2.05"	3.25"	1.85"
4.0"	TRJTR2A	2.53"	3.25"	1.85"

3/8" TC
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	TRGCQ2A	0.73"	3.85"	2.75"
0.75"	TRGGQ2A	0.86"	4.00"	2.75"
1.0"	TRGMQ2A	0.98"	4.10"	2.75"
1.5"	TRGTQ2A	1.23"	5.30"	2.75"
2.0"	TRHAQ2A	1.50"	7.00"	2.75"
2.5"	TRHKQ2A	1.74"	7.00"	2.75"
3.0"	TRJEQ2A	2.00"	9.00"	2.75"
4.0"	TRJUQ2A	2.48"	11.00"	2.75"

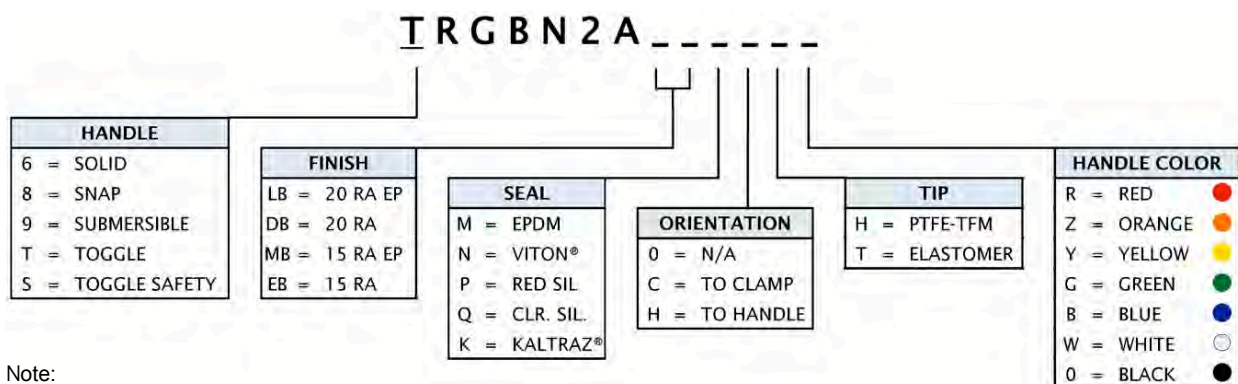
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SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - TOGGLE HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TC OUTLET	TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
	0.5"	TRGCT2A	0.73"	3.10"	2.75"
	0.75"	TRGGT2A	0.86"	3.25"	2.75"
	1.0"	TRGMT2A	0.98"	3.35"	2.75"
	1.5"	TRGTT2A	1.23"	3.25"	2.75"
	2.0"	TRHAT2A	1.50"	3.25"	2.75"
	2.5"	TRHKT2A	1.74"	3.25"	2.75"
	3.0"	TRJET2A	2.00"	3.25"	2.75"
	4.0"	TRJUT2A	2.48"	3.25"	2.75"

SANITARY ZERO STATIC TEE ANGLE VALVES – TOGGLE HANDLE CONFIGURATION

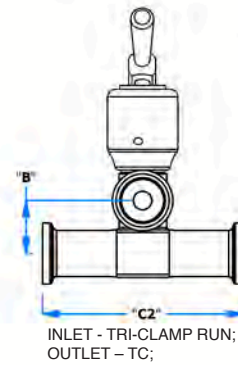
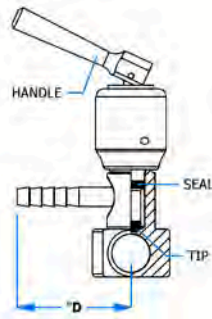
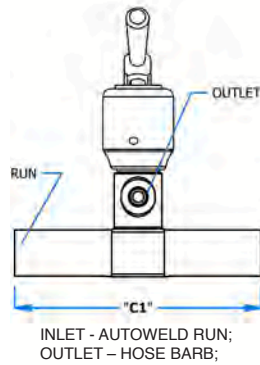
EXAMPLE: PART# **TRGBN2A*** - 1/4" HB **OUTLET** X 0.5" AUTOWELD RUN **INLET** ZERO STATIC TEE ANGLE BLEED VALVE



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - TOGGLE SAFETY HANDLE



SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - TOGGLE SAFETY HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

<u>A / W RUN</u>	<u>PART #</u>	<u>"B" DIM</u>	<u>"C1" DIM</u>	<u>"D" DIM</u>
0.5"	SRGBN2A*	0.79"	3.85"	1.85"
0.75"	SRGFN2A	0.91"	4.00"	1.85"
1.0"	SRGLN2A	1.04"	4.10"	1.85"
1.5"	SRGSN2A	1.29"	5.30"	1.85"
2.0"	SRGZN2A	1.55"	7.00"	1.85"
2.5"	SRHJN2A	1.79"	7.00"	1.85"
3.0"	SRJDN2A	2.05"	9.00"	1.85"
4.0"	SRJTN2A	2.53"	11.00"	1.85"

1/4" HB
OUTLET

<u>TC RUN</u>	<u>PART #</u>	<u>"B" DIM</u>	<u>"C2" DIM</u>	<u>"D" DIM</u>
0.5"	SRGBR2A	0.79"	3.10"	1.85"
0.75"	SRGFR2A	0.91"	3.25"	1.85"
1.0"	SRGLR2A	1.04"	3.35"	1.85"
1.5"	SRGSR2A	1.29"	3.25"	1.85"
2.0"	SRGZR2A	1.55"	3.25"	1.85"
2.5"	SRHJR2A	1.79"	3.25"	1.85"
3.0"	SRJDR2A	2.05"	3.25"	1.85"
4.0"	SRJTR2A	2.53"	3.25"	1.85"

3/8" TC
OUTLET

<u>A / W RUN</u>	<u>PART #</u>	<u>"B" DIM</u>	<u>"C1" DIM</u>	<u>"D" DIM</u>
0.5"	SRGCQ2A	0.73"	3.85"	2.75"
0.75"	SRGGQ2A	0.86"	4.00"	2.75"
1.0"	SRGMQ2A	0.98"	4.10"	2.75"
1.5"	SRGTQ2A	1.23"	5.30"	2.75"
2.0"	SRHAQ2A	1.50"	7.00"	2.75"
2.5"	SRHKQ2A	1.74"	7.00"	2.75"
3.0"	SRJEQ2A	2.00"	9.00"	2.75"
4.0"	SRJUQ2A	2.48"	11.00"	2.75"

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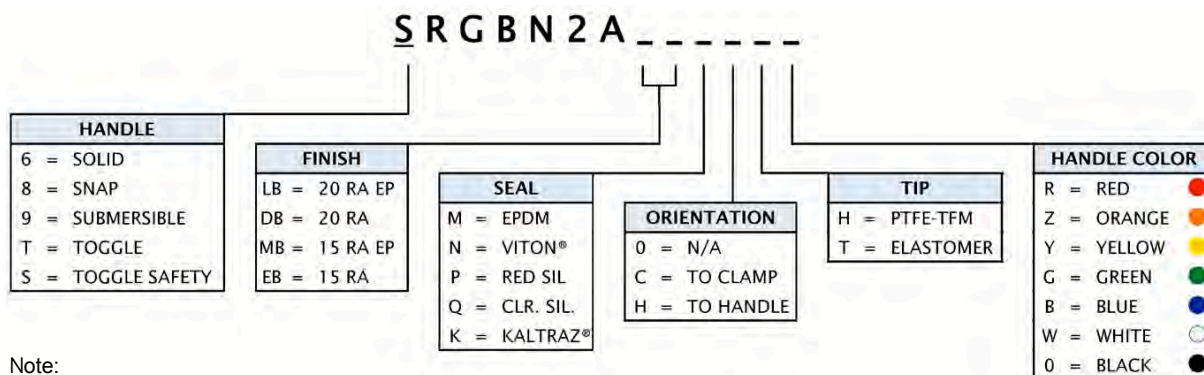
SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - TOGGLE SAFETY HANDLE (Ø 0.187" INLET BORE SIZE)

3/8" TC
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	SRGCT2A	0.73"	3.10"	2.75"
0.75"	SRGGT2A	0.86"	3.25"	2.75"
1.0"	SRGMT2A	0.98"	3.35"	2.75"
1.5"	SRGTT2A	1.23"	3.25"	2.75"
2.0"	SRHAT2A	1.50"	3.25"	2.75"
2.5"	SRHKT2A	1.74"	3.25"	2.75"
3.0"	SRJET2A	2.00"	3.25"	2.75"
4.0"	SRJUT2A	2.48"	3.25"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES – TOGGLE HANDLE SAFETY CONFIGURATION

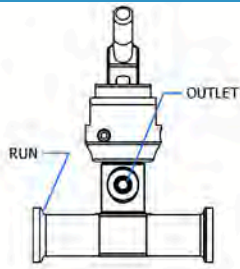
EXAMPLE: PART# **SRGBN2A*** - 1/4" HB **OUTLET** X 0.5" AUTOWELD RUN **INLET** ZERO STATIC TEE ANGLE BLEED VALVE



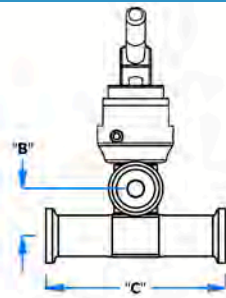
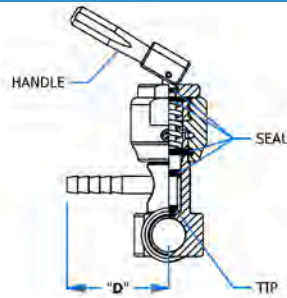
Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SUBMERSIBLE TOGGLE HANDLE



INLET - TRI-CLAMP RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

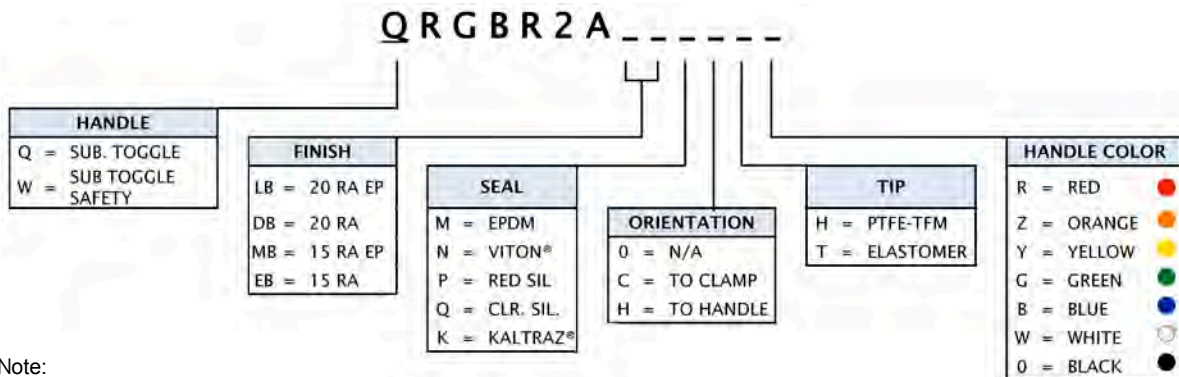
TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	QRGBR2A*	0.79"	3.10"	1.85"
0.75"	QRGFR2A	0.91"	3.25"	1.85"
1.0"	QRGLR2A	1.04"	3.35"	1.85"
1.5"	QRGSR2A	1.29"	3.35"	1.85"
2.0"	QRGZR2A	1.55"	3.25"	1.85"
2.5"	QRHJR2A	1.79"	3.25"	1.85"
3.0"	QRJDR2A	2.05"	3.25"	1.85"
4.0"	QRJTR2A	2.53"	3.25"	1.85"

3/8" TC
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	QRGCT2A	0.79"	3.10"	2.75"
0.75"	QRGGT2A	0.91"	3.25"	2.75"
1.0"	QRGMT2A	1.04"	3.35"	2.75"
1.5"	QRGTT2A	1.29"	3.35"	2.75"
2.0"	QRHAT2A	1.55"	3.25"	2.75"
2.5"	QRHKT2A	1.79"	3.25"	2.75"
3.0"	QRJET2A	2.05"	3.25"	2.75"
4.0"	QRJUT2A	2.53"	3.25"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES – SUBMERSIBLE TOGGLE HANDLE CONFIGURATION

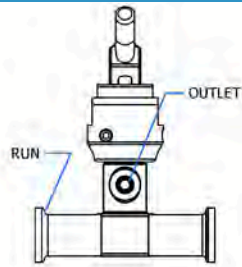
EXAMPLE: PART# **QRGBR2A*** - 1/4" HB **OUTLET** X 0.5" TRI - CLAMP RUN **INLET** ZERO STATIC TEE ANGLE BLEED VALVE



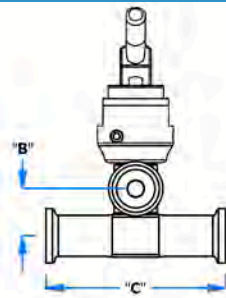
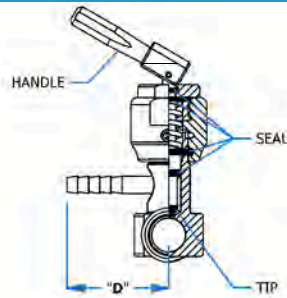
Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SUBMERSIBLE TOGGLE SAFETY HANDLE



INLET - TRI-CLAMP RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES - SUB. TOGGLE SAFETY HANDLE (Ø 0.187" INLET BORE SIZE)

1/4" HB
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	WRGBR2A*	0.79"	3.10"	1.85"
0.75"	WRGFR2A	0.91"	3.25"	1.85"
1.0"	WRGLR2A	1.04"	3.35"	1.85"
1.5"	WRGSR2A	1.29"	3.35"	1.85"
2.0"	WRGZR2A	1.55"	3.25"	1.85"
2.5"	WRHJR2A	1.79"	3.25"	1.85"
3.0"	WRJDR2A	2.05"	3.25"	1.85"
4.0"	WRJTR2A	2.53"	3.25"	1.85"

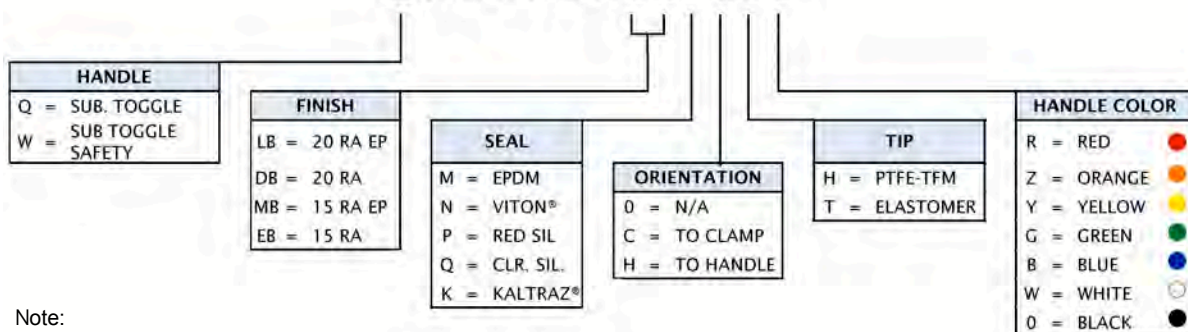
3/8" TC
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	WRGCT2A	0.79"	3.10"	2.75"
0.75"	WRGGT2A	0.91"	3.25"	2.75"
1.0"	WRGMT2A	1.04"	3.35"	2.75"
1.5"	WRGTT2A	1.29"	3.35"	2.75"
2.0"	WRHAT2A	1.55"	3.25"	2.75"
2.5"	WRHKT2A	1.79"	3.25"	2.75"
3.0"	WRJET2A	2.05"	3.25"	2.75"
4.0"	WRJUT2A	2.53"	3.25"	2.75"

SANITARY ZERO STATIC TEE ANGLE BLEED VALVES – SUBMERSIBLE TOGGLE SAFETY HANDLE CONFIGURATION

EXAMPLE: PART# **WRGBR2A*** - 1/4" HB **OUTLET** X 0.5" TRI - CLAMP RUN **INLET** ZERO STATIC TEE ANGLE BLEED VALVE

W R G B R 2 A - - - - -



Note:

Custom end connections available on request. Please contact a sales representative.

SAMPLE VALVES OVERVIEW

The **Sample Valve** family of products has been engineered to provide the user with a similar flow rate as that of a 1/2" diaphragm valve with the advantage of being much more cost efficient. **Sample Valves** are available in **Inline**, **Angle**, and **Zero Static Tee**. The inlet port orifice for these valves is .370" diameter. As with all other **Fluid Line Valves**, the **Sample Valves** can be configured with a broad range of handle, stem, and outlet options while manufactured from most standard stainless steels or exotic metals such as **C-22**, **C-276**, and **AL6XN**, depending on its intended use. All of the **Sample Valves** are fitted with seals that comply with **USP Class VI** requirements and also meet or exceed **FDA CFR 177.2600** of **Title 21**.

The complete family of **Sample Valves** is available in a wide range of handle types: **Solid Handle**, **Submersible Handle**, and **Toggle Handle** in both safety and non-safety options. Our handle types are available in seven different colors in order to code different locations or certain preventative maintenance cycles.

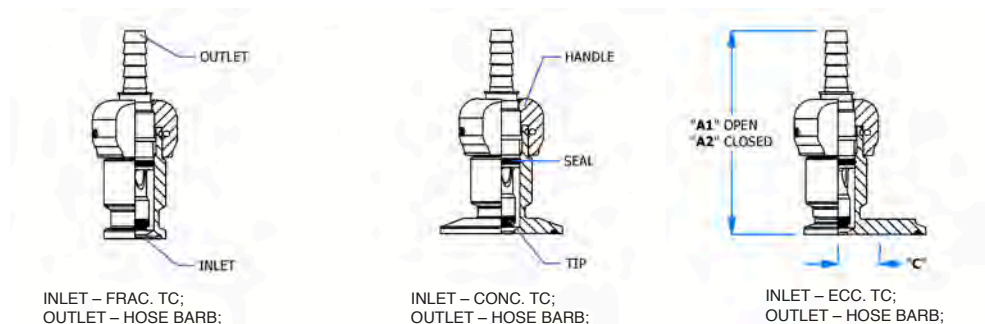
The benefits and features of the family of **Sample Valves** are: minimum dead leg, non-rotating stem (for extended seal life), open/close indicator, quick assembly-disassembly (minimal maintenance time) and full autoclavability (valve can be sterilize as a complete assembly).

ORDERING SPECIFICATIONS

- Quantity
- Inlet Type (Inline, Angle, or Tee Style)
- Inlet Size
- Concentric or Eccentric (If Applicable)
- Outlet Size and Type
- Outlet Orientation (If Applicable)
- Body Material
- Surface Finish
- O-Ring Material
- Tip Option
- Handle Type
- Handle Color



SANITARY INLINE SAMPLE VALVES - SOLID HANDLE



SANITARY INLINE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

INLET	PART #	"A1" DIM	"A2" DIM	"C" DIM
0.5" & 0.75"	6KGA2A*	3.40"	3.25"	
1.0" CONC.	6KGMA2A	3.40"	3.25"	
1.0" ECC.	6KGM2A	3.40"	3.25"	0.222"
1.5" CONC.	6KGTA2A	3.40"	3.25"	
1.5" ECC.	6KGT2A	3.40"	3.25"	0.472"
2.0" CONC.	6KHAA2A	3.40"	3.25"	
2.0" ECC.	6KHAD2A	3.40"	3.25"	0.722"
2.5" CONC.	6KHKA2A	3.40"	3.25"	
2.5" ECC.	6KHKD2A	3.40"	3.25"	0.970"
3.0" CONC.	6KJEA2A	3.40"	3.25"	
3.0" ECC.	6KJED2A	3.40"	3.25"	1.222"
4.0" CONC.	6KJUA2A	3.40"	3.25"	
4.0" ECC.	6KJUD2A	3.40"	3.25"	1.704"

3/8" TUBE
OUTLET

INLET	PART #	"A1" DIM	"A2" DIM	"C" DIM
0.5" & 0.75"	6KGGB2A	3.40"	3.25"	
1.0" CONC.	6KGMB2A	3.40"	3.25"	
1.0" ECC.	6KGME2A	3.40"	3.25"	0.222"
1.5" CONC.	6KGTB2A	3.40"	3.25"	
1.5" ECC.	6KGTE2A	3.40"	3.25"	0.472"
2.0" CONC.	6KHAB2A	3.40"	3.25"	
2.0" ECC.	6KHAE2A	3.40"	3.25"	0.722"
2.5" CONC.	6KHKB2A	3.40"	3.25"	
2.5" ECC.	6KHKE2A	3.40"	3.25"	0.970"
3.0" CONC.	6KJEB2A	3.40"	3.25"	
3.0" ECC.	6KJEE2A	3.40"	3.25"	1.222"
4.0" CONC.	6KJUB2A	3.40"	3.25"	
4.0" ECC.	6KJUE2A	3.40"	3.25"	1.704"

SANITARY INLINE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" HB
OUTLET

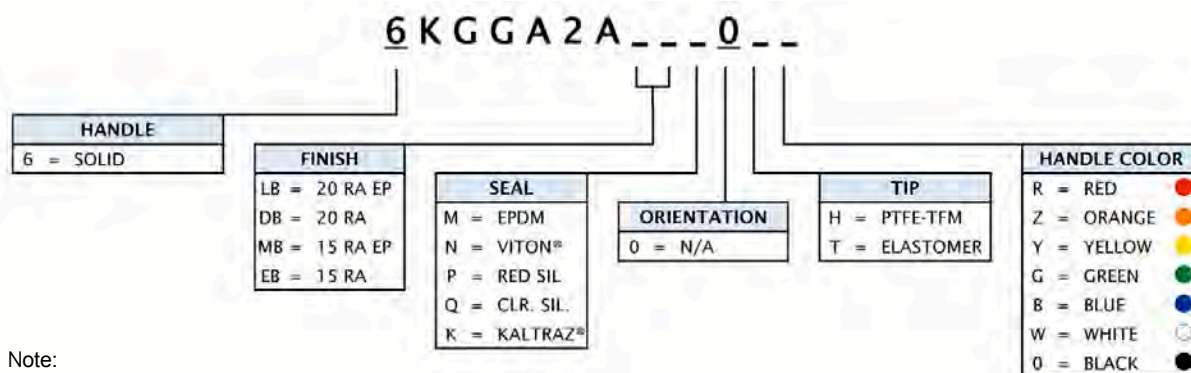
INLET	PART #	"A1" DIM	"A2" DIM	"C" DIM
0.5" & 0.75"	6KGHA2A	3.40"	3.25"	
1.0" CONC.	6KGNA2A	3.40"	3.25"	
1.0" ECC.	6KGND2A	3.40"	3.25"	0.222"
1.5" CONC.	6KGUA2A	3.40"	3.25"	
1.5" ECC.	6KGUD2A	3.40"	3.25"	0.472"
2.0" CONC.	6KHBA2A	3.40"	3.25"	
2.0" ECC.	6KHBD2A	3.40"	3.25"	0.722"
2.5" CONC.	6KHLA2A	3.40"	3.25"	
2.5" ECC.	6KHLD2A	3.40"	3.25"	0.970"
3.0" CONC.	6KJFA2A	3.40"	3.25"	
3.0" ECC.	6KJFD2A	3.40"	3.25"	1.222"
4.0" CONC.	6KJVA2A	3.40"	3.25"	
4.0" ECC.	6KJVD2A	3.40"	3.25"	1.704"

1/2" TUBE
OUTLET

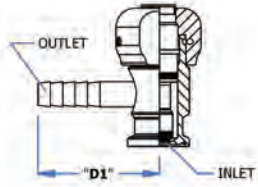
INLET	PART #	"A1" DIM	"A2" DIM	"C" DIM
0.5" & 0.75"	6KGHB2A	3.40"	3.25"	
1.0" CONC.	6KGNB2A	3.40"	3.25"	
1.0" ECC.	6KGNE2A	3.40"	3.25"	0.222"
1.5" CONC.	6KGUB2A	3.40"	3.25"	
1.5" ECC.	6KGUE2A	3.40"	3.25"	0.472"
2.0" CONC.	6KHBB2A	3.40"	3.25"	
2.0" ECC.	6KHBE2A	3.40"	3.25"	0.722"
2.5" CONC.	6KHLB2A	3.40"	3.25"	
2.5" ECC.	6KHLE2A	3.40"	3.25"	0.970"
3.0" CONC.	6KJFB2A	3.40"	3.25"	
3.0" ECC.	6KJFE2A	3.40"	3.25"	1.222"
4.0" CONC.	6KJVB2A	3.40"	3.25"	
4.0" ECC.	6KJVE2A	3.40"	3.25"	1.704"

SANITARY INLINE SAMPLE VALVES – SOLID HANDLE CONFIGURATION

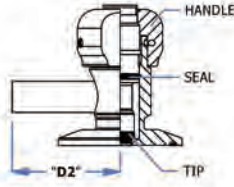
EXAMPLE: PART# **6KGA2A*** - 3/8" HB **OUTLET** X 0.5" TC **INLET** INLINE SAMPLE VALVE



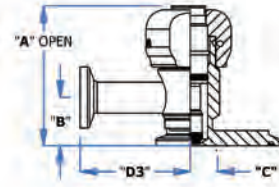
SANITARY ANGLE SAMPLE VALVES - SOLID HANDLE



INLET – FRAC. TC;
OUTLET – HOSE BARB;



INLET – CONC. TC;
OUTLET – TUBE;



INLET – ECC. TC;
OUTLET – TC;

SANITARY ANGLE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	6CGGA2A*	2.40"	0.86"		1.94"
1.0" CONC.	6CGMA2A	2.40"	0.83"		1.94"
1.0" ECC.	6CGMD2A	2.40"	0.83"	0.222"	1.94"
1.5" CONC.	6CGTA2A	2.40"	0.83"		1.94"
1.5" ECC.	6CGTD2A	2.40"	0.83"	0.472"	1.94"
2.0" CONC.	6CHAA2A	2.40"	0.83"		2.25"
2.0" ECC.	6CHAD2A	2.40"	0.83"	0.722"	1.94"
2.5" CONC.	6CHKA2A	2.40"	0.83"		2.50"
2.5" ECC.	6CHKD2A	2.40"	0.83"	0.970"	1.94"
3.0" CONC.	6CJEA2A	2.40"	0.83"		2.75"
3.0" ECC.	6CJED2A	2.40"	0.83"	1.222"	1.94"
4.0" CONC.	6CJUA2A	2.40"	0.83"		3.25"
4.0" ECC.	6CJUD2A	2.40"	0.83"	1.704"	1.94"

3/8" TUBE
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	6CGGB2A	2.40"	0.86"		2.00"
1.0" CONC.	6CGMB2A	2.40"	0.84"		2.25"
1.0" ECC.	6CGME2A	2.40"	0.84"	0.222"	2.03"
1.5" CONC.	6CGTB2A	2.40"	0.84"		2.25"
1.5" ECC.	6CGTE2A	2.40"	0.84"	0.472"	2.03"
2.0" CONC.	6CHAB2A	2.40"	0.84"		2.75"
2.0" ECC.	6CHAE2A	2.40"	0.84"	0.722"	2.03"
2.5" CONC.	6CHKB2A	2.40"	0.84"		3.00"
2.5" ECC.	6CHKE2A	2.40"	0.84"	1.970"	2.03"
3.0" CONC.	6CJEB2A	2.40"	0.84"		3.25"
3.0" ECC.	6CJEE2A	2.40"	0.84"	1.222"	2.03"
4.0" CONC.	6CJUB2A	2.40"	0.84"		3.75"
4.0" ECC.	6CJUE2A	2.40"	0.84"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TC
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	6CGGC2A	2.40"	0.86"		2.00"
1.0" CONC.	6CGMC2A	2.40"	0.84"		2.25"
1.0" ECC.	6CGMF2A	2.40"	0.84"	0.222"	2.03"
1.5" CONC.	6CGTC2A	2.40"	0.84"		2.25"
1.5" ECC.	6CGTF2A	2.40"	0.84"	0.472"	2.03"
2.0" CONC.	6CHAC2A	2.40"	0.84"		2.75"
2.0" ECC.	6CHAF2A	2.40"	0.84"	0.722"	2.03"
2.5" CONC.	6CHKC2A	2.40"	0.84"		3.00"
2.5" ECC.	6CHKF2A	2.40"	0.84"	1.970"	2.03"
3.0" CONC.	6CJEC2A	2.40"	0.84"		3.25"
3.0" ECC.	6CJEF2A	2.40"	0.84"	1.222"	2.03"
4.0" CONC.	6CJUC2A	2.40"	0.84"		3.75"
4.0" ECC.	6CJUF2A	2.40"	0.84"	1.704"	2.03"

1/2" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	6CGHA2A	2.40"	0.83"		1.94"
1.0" CONC.	6CGNA2A	2.40"	0.81"		1.94"
1.0" ECC.	6CGND2A	2.40"	0.81"	0.222"	1.94"
1.5" CONC.	6CGUA2A	2.40"	0.81"		1.94"
1.5" ECC.	6CGUD2A	2.40"	0.81"	0.472"	1.94"
2.0" CONC.	6CHBA2A	2.40"	0.81"		2.25"
2.0" ECC.	6CHBD2A	2.40"	0.81"	0.722"	1.94"
2.5" CONC.	6CHLA2A	2.40"	0.81"		2.50"
2.5" ECC.	6CHLD2A	2.40"	0.81"	0.970"	1.94"
3.0" CONC.	6CJFA2A	2.40"	0.81"		2.75"
3.0" ECC.	6CJFD2A	2.40"	0.81"	1.222"	1.94"
4.0" CONC.	6CJVA2A	2.40"	0.81"		3.25"
4.0" ECC.	6CJVD2A	2.40"	0.81"	1.704"	1.94"

1/2" TUBE
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	6CGHB2A	2.40"	0.83"		2.00"
1.0" CONC.	6CGNB2A	2.40"	0.80"		2.25"
1.0" ECC.	6CGNE2A	2.40"	0.80"	0.222"	2.03"
1.5" CONC.	6CGUB2A	2.40"	0.80"		2.25"
1.5" ECC.	6CGUE2A	2.40"	0.80"	0.472"	2.03"
2.0" CONC.	6CHBB2A	2.40"	0.80"		2.75"
2.0" ECC.	6CHBE2A	2.40"	0.80"	0.722"	2.03"
2.5" CONC.	6CHLB2A	2.40"	0.80"		3.00"
2.5" ECC.	6CHLE2A	2.40"	0.80"	0.970"	2.03"
3.0" CONC.	6CJFB2A	2.40"	0.80"		3.25"
3.0" ECC.	6CJFE2A	2.40"	0.80"	1.222"	2.03"
4.0" CONC.	6CJVB2A	2.40"	0.80"		3.75"
4.0" ECC.	6CJVE2A	2.40"	0.80"	1.704"	2.03"

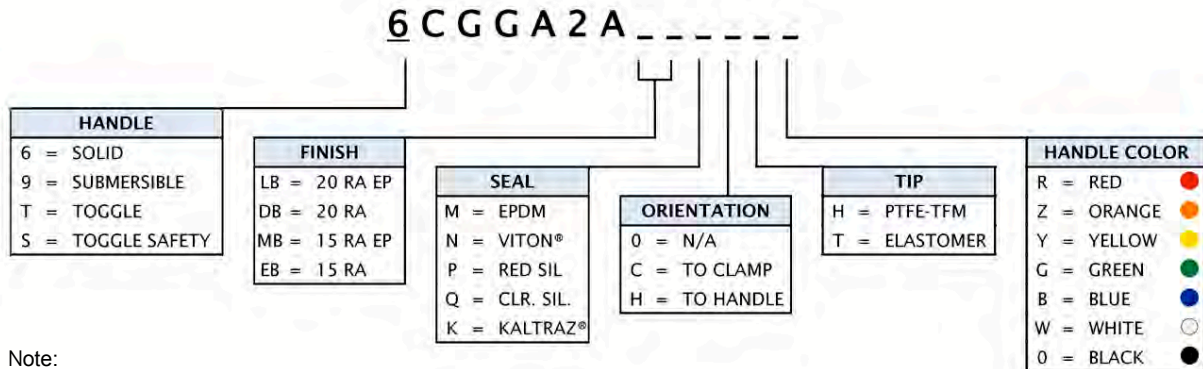
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SANITARY ANGLE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TC OUTLET	INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
	0.5" & 0.75"	6CGHC2A	2.40"	0.83"		2.00"
	1.0" CONC.	6CGNC2A	2.40"	0.80"		2.25"
	1.0" ECC.	6CGNF2A	2.40"	0.80"	0.222"	2.03"
	1.5" CONC.	6CGUC2A	2.40"	0.80"		2.25"
	1.5" ECC.	6CGUF2A	2.40"	0.80"	0.472"	2.03"
	2.0" CONC.	6CHBC2A	2.40"	0.80"		2.75"
	2.0" ECC.	6CHBF2A	2.40"	0.80"	0.722"	2.03"
	2.5" CONC.	6CHLC2A	2.40"	0.80"		3.00"
	2.5" ECC.	6CHLF2A	2.40"	0.80"	0.970"	2.03"
	3.0" CONC.	6CJFC2A	2.40"	0.80"		3.25"
	3.0" ECC.	6CJFF2A	2.40"	0.80"	1.222"	2.03"
	4.0" CONC.	6CJVC2A	2.40"	0.80"		3.75"
	4.0" ECC.	6CJVF2A	2.40"	0.80"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES – SOLID HANDLE CONFIGURATION

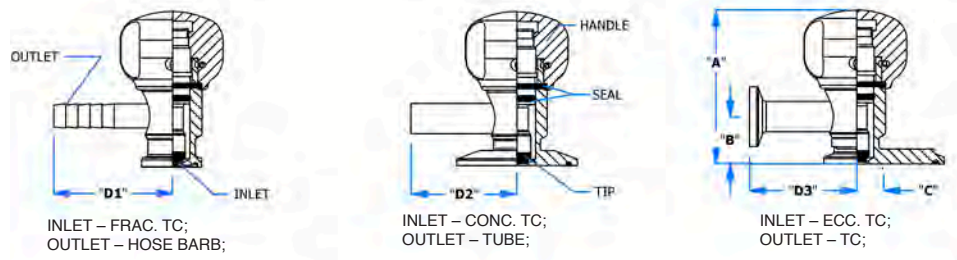
EXAMPLE: PART# **6CGGA2A*** - 3/8" HB **OUTLET** X 0.5" TC **INLET** ANGLE SAMPLE VALVE



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE HANDLE



SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	9CGGA2A*	2.55"	0.86"		1.94"
1.0" CONC.	9CGMA2A	2.55"	0.83"		1.94"
1.0" ECC.	9CGMD2A	2.55"	0.83"	0.222"	1.94"
1.5" CONC.	9CGTA2A	2.55"	0.83"		1.94"
1.5" ECC.	9CGTD2A	2.55"	0.83"	0.472"	1.94"
2.0" CONC.	9CHAA2A	2.55"	0.83"		2.25"
2.0" ECC.	9CHAD2A	2.55"	0.83"	0.722"	1.94"
2.5" CONC.	9CHKA2A	2.55"	0.83"		2.50"
2.5" ECC.	9CHKD2A	2.55"	0.83"	0.970"	1.94"
3.0" CONC.	9CJEA2A	2.55"	0.83"		2.75"
3.0" ECC.	9CJED2A	2.55"	0.83"	1.222"	1.94"
4.0" CONC.	9CJUA2A	2.55"	0.83"		3.25"
4.0" ECC.	9CJUD2A	2.55"	0.83"	1.704"	1.94"

3/8" TUBE
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	9CGGB2A	2.55"	0.86"		2.00"
1.0" CONC.	9CGMB2A	2.55"	0.84"		2.25"
1.0" ECC.	9CGME2A	2.55"	0.84"	0.222"	2.03"
1.5" CONC.	9CGTB2A	2.55"	0.84"		2.25"
1.5" ECC.	9CGTE2A	2.55"	0.84"	0.472"	2.03"
2.0" CONC.	9CHAB2A	2.55"	0.84"		2.75"
2.0" ECC.	9CHAE2A	2.55"	0.84"	0.722"	2.03"
2.5" CONC.	9CHKB2A	2.55"	0.84"		3.00"
2.5" ECC.	9CHKE2A	2.55"	0.84"	0.970"	2.03"
3.0" CONC.	9CJEB2A	2.55"	0.84"		3.25"
3.0" ECC.	9CJEE2A	2.55"	0.84"	1.222"	2.03"
4.0" CONC.	9CJUB2A	2.55"	0.84"		3.75"
4.0" ECC.	9CJUE2A	2.55"	0.84"	1.704"	2.03"

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SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TC
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	9CGGC2A	2.55"	0.86"		2.00"
1.0" CONC.	9CGMC2A	2.55"	0.84"		2.25"
1.0" ECC.	9CGMF2A	2.55"	0.84"	0.222"	2.03"
1.5" CONC.	9CGTC2A	2.55"	0.84"		2.25"
1.5" ECC.	9CGTF2A	2.55"	0.84"	0.472"	2.03"
2.0" CONC.	9CHAC2A	2.55"	0.84"		2.75"
2.0" ECC.	9CHAF2A	2.55"	0.84"	0.722"	2.03"
2.5" CONC.	9CHKC2A	2.55"	0.84"		3.00"
2.5" ECC.	9CHKF2A	2.55"	0.84"	0.970"	2.03"
3.0" CONC.	9CJEC2A	2.55"	0.84"		3.25"
3.0" ECC.	9CJEF2A	2.55"	0.84"	1.222"	2.03"
4.0" CONC.	9CJUC2A	2.55"	0.84"		3.75"
4.0" ECC.	9CJUF2A	2.55"	0.84"	1.704"	2.03"

1/2" HB
OUTLET

INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	9CGHA2A	2.55"	0.84"		1.94"
1.0" CONC.	9CGNA2A	2.55"	0.81"		1.94"
1.0" ECC.	9CGND2A	2.55"	0.81"	0.222"	1.94"
1.5" CONC.	9CGUA2A	2.55"	0.81"		1.94"
1.5" ECC.	9CGUD2A	2.55"	0.81"	0.472"	1.94"
2.0" CONC.	9CHBA2A	2.55"	0.81"		2.25"
2.0" ECC.	9CHBD2A	2.55"	0.81"	0.722"	1.94"
2.5" CONC.	9CHLA2A	2.55"	0.81"		2.50"
2.5" ECC.	9CHLD2A	2.55"	0.81"	0.970"	1.94"
3.0" CONC.	9CJFA2A	2.55"	0.81"		2.75"
3.0" ECC.	9CJFD2A	2.55"	0.81"	1.222"	1.94"
4.0" CONC.	9CJVA2A	2.55"	0.81"		3.25"
4.0" ECC.	9CJVD2A	2.55"	0.81"	1.704"	1.94"

1/2" TUBE
OUTLET

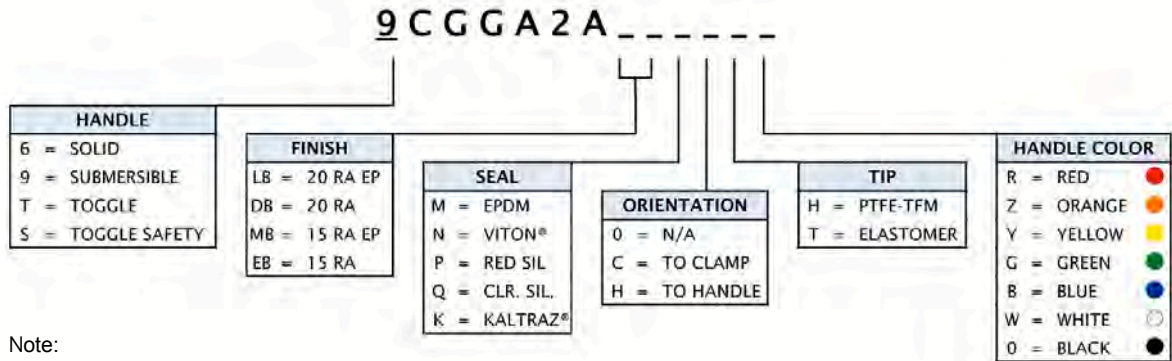
INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	9CGHB2A	2.55"	0.83"		2.00"
1.0" CONC.	9CGNB2A	2.55"	0.80"		2.25"
1.0" ECC.	9CGNE2A	2.55"	0.80"	0.222"	2.03"
1.5" CONC.	9CGUB2A	2.55"	0.80"		2.25"
1.5" ECC.	9CGUE2A	2.55"	0.80"	0.472"	2.03"
2.0" CONC.	9CHBB2A	2.55"	0.80"		2.75"
2.0" ECC.	9CHBE2A	2.55"	0.80"	0.722"	2.03"
2.5" CONC.	9CHLB2A	2.55"	0.80"		3.00"
2.5" ECC.	9CHLE2A	2.55"	0.80"	0.970"	2.03"
3.0" CONC.	9CJFB2A	2.55"	0.80"		3.25"
3.0" ECC.	9CJFE2A	2.55"	0.80"	1.222"	2.03"
4.0" CONC.	9CJVB2A	2.55"	0.80"		3.75"
4.0" ECC.	9CJVE2A	2.55"	0.80"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE HANDLE (Ø 0.370" INLET BORE SIZE)

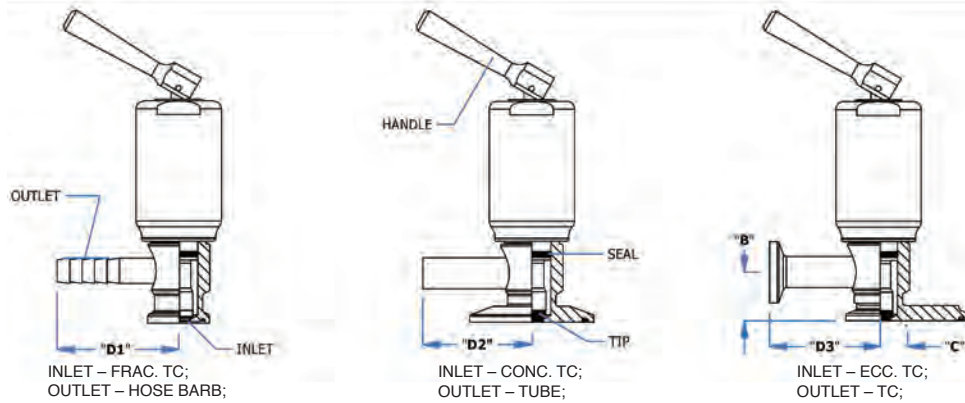
1/2" TC OUTLET	INLET	PART #	"A" DIM	"B" DIM	"C" DIM	"D3" DIM
	0.5" & 0.75"	9CGHC2A	2.55"	0.83"		2.00"
	1.0" CONC.	9CGNC2A	2.55"	0.80"		2.25"
	1.0" ECC.	9CGNF2A	2.55"	0.80"	0.222"	2.03"
	1.5" CONC.	9CGUC2A	2.55"	0.80"		2.25"
	1.5" ECC.	9CGUF2A	2.55"	0.80"	0.472"	2.03"
	2.0" CONC.	9CHBC2A	2.55"	0.80"		2.75"
	2.0" ECC.	9CHBF2A	2.55"	0.80"	0.722"	2.03"
	2.5" CONC.	9CHLC2A	2.55"	0.80"		3.00"
	2.5" ECC.	9CHLF2A	2.55"	0.80"	0.970"	2.03"
	3.0" CONC.	9CJFC2A	2.55"	0.80"		3.25"
	3.0" ECC.	9CJFF2A	2.55"	0.80"	1.222"	2.03"
	4.0" CONC.	9CJVC2A	2.55"	0.80"		3.75"
	4.0" ECC.	9CJVF2A	2.55"	0.80"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES – SUBMERSIBLE HANDLE CONFIGURATION

EXAMPLE: PART# **9CGGA2A*** - 3/8" HB **OUTLET** X 0.5" TC **INLET** ANGLE SAMPLE VALVE



SANITARY ANGLE SAMPLE VALVES - TOGGLE HANDLE



SANITARY ANGLE SAMPLE VALVES - TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	TCGGA2A*	0.86"		1.94"
1.0" CONC.	TCGMA2A	0.83"		1.94"
1.0" ECC.	TCGMD2A	0.83"	0.222"	1.94"
1.5" CONC.	TCGTA2A	0.83"		1.94"
1.5" ECC.	TCGTD2A	0.83"	0.472"	1.94"
2.0" CONC.	TCHAA2A	0.83"		2.25"
2.0" ECC.	TCHAD2A	0.83"	0.722"	1.94"
2.5" CONC.	TCHKA2A	0.83"		2.50"
2.5" ECC.	TCHKD2A	0.83"	0.970"	1.94"
3.0" CONC.	TCJEA2A	0.83"		2.75"
3.0" ECC.	TCJED2A	0.83"	1.222"	1.94"
4.0" CONC.	TCJUA2A	0.83"		3.25"
4.0" ECC.	TCJUD2A	0.83"	1.704"	1.94"

3/8" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	TCGGB2A	0.86"		2.00"
1.0" CONC.	TCGMB2A	0.84"		2.25"
1.0" ECC.	TCGME2A	0.84"	0.222"	2.03"
1.5" CONC.	TCGTB2A	0.84"		2.25"
1.5" ECC.	TCGTE2A	0.84"	0.472"	2.03"
2.0" CONC.	TCHAB2A	0.84"		2.75"
2.0" ECC.	TCHAE2A	0.84"	0.722"	2.03"
2.5" CONC.	TCHKB2A	0.84"		3.00"
2.5" ECC.	TCHKE2A	0.84"	0.970"	2.03"
3.0" CONC.	TCJEB2A	0.84"		3.25"
3.0" ECC.	TCJEE2A	0.84"	1.222"	2.03"
4.0" CONC.	TCJUB2A	0.84"		3.75"
4.0" ECC.	TCJUE2A	0.84"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES - TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	TCGGC2A	0.86"		2.00"
1.0" CONC.	TCGMC2A	0.84"		2.25"
1.0" ECC.	TCGMF2A	0.84"	0.222"	2.03"
1.5" CONC.	TCGTC2A	0.84"		2.25"
1.5" ECC.	TCGTF2A	0.84"	0.472"	2.03"
2.0" CONC.	TCHAC2A	0.84"		2.75"
2.0" ECC.	TCHAF2A	0.84"	0.722"	2.03"
2.5" CONC.	TCHKC2A	0.84"		3.00"
2.5" ECC.	TCHKF2A	0.84"	0.970"	2.03"
3.0" CONC.	TCJEC2A	0.84"		3.25"
3.0" ECC.	TCJEF2A	0.84"	1.222"	2.03"
4.0" CONC.	TCJUC2A	0.84"		3.75"
4.0" ECC.	TCJUF2A	0.84"	1.704"	2.03"

1/2" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	TCGHB2A	0.83"		2.00"
1.0" CONC.	TCGNB2A	0.80"		2.25"
1.0" ECC.	TCGNE2A	0.80"	0.222"	2.03"
1.5" CONC.	TCGUB2A	0.80"		2.25"
1.5" ECC.	TCGUE2A	0.80"	0.472"	2.03"
2.0" CONC.	TCHBB2A	0.80"		2.75"
2.0" ECC.	TCHBE2A	0.80"	0.722"	2.03"
2.5" CONC.	TCHLB2A	0.80"		3.00"
2.5" ECC.	TCHLE2A	0.80"	0.970"	2.03"
3.0" CONC.	TCJFB2A	0.80"		3.25"
3.0" ECC.	TCJFE2A	0.80"	1.222"	2.03"
4.0" CONC.	TCJVB2A	0.80"		3.75"
4.0" ECC.	TCJVE2A	0.80"	1.704"	2.03"

1/2" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	TCGHC2A	0.83"		2.00"
1.0" CONC.	TCGNC2A	0.80"		2.25"
1.0" ECC.	TCGNF2A	0.80"	0.222"	2.03"
1.5" CONC.	TCGUC2A	0.80"		2.25"
1.5" ECC.	TCGUF2A	0.80"	0.472"	2.03"
2.0" CONC.	TCHBC2A	0.80"		2.75"
2.0" ECC.	TCHBF2A	0.80"	0.722"	2.03"
2.5" CONC.	TCHLC2A	0.80"		3.00"
2.5" ECC.	TCHLF2A	0.80"	0.970"	2.03"
3.0" CONC.	TCJFC2A	0.80"		3.25"
3.0" ECC.	TCJFF2A	0.80"	1.222"	2.03"
4.0" CONC.	TCJVC2A	0.80"		3.75"
4.0" ECC.	TCJVF2A	0.80"	1.704"	2.03"

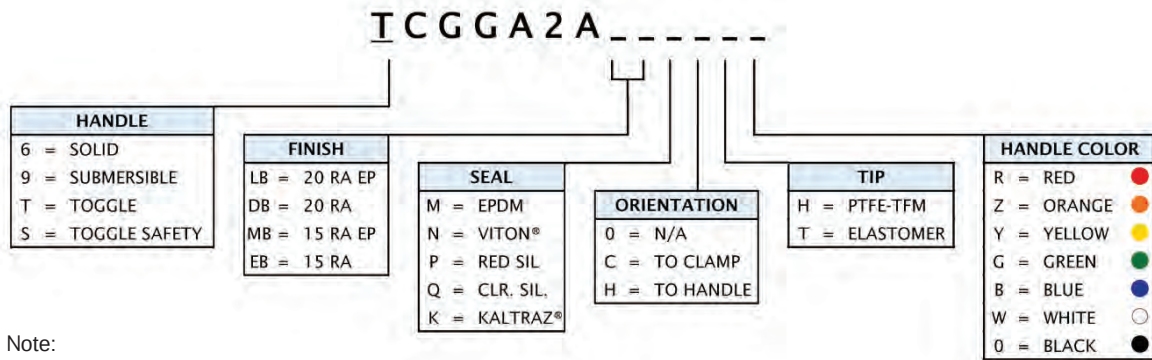
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SANITARY ANGLE SAMPLE VALVES - TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" HB OUTLET	INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
	0.5" & 0.75"	TCGHA2A	0.84"		1.94"
	1.0" CONC.	TCGNA2A	0.81"		1.94"
	1.0" ECC.	TCGND2A	0.81"	0.222"	1.94"
	1.5" CONC.	TCGUA2A	0.81"		1.94"
	1.5" ECC.	TCGUD2A	0.81"	0.472"	1.94"
	2.0" CONC.	TCHBA2A	0.81"		2.25"
	2.0" ECC.	TCHBD2A	0.81"	0.722"	1.94"
	2.5" CONC.	TCHLA2A	0.81"		2.50"
	2.5" ECC.	TCHLD2A	0.81"	0.970"	1.94"
	3.0" CONC.	TCJFA2A	0.81"		2.75"
	3.0" ECC.	TCJFD2A	0.81"	1.222"	1.94"
	4.0" CONC.	TCJVA2A	0.81"		3.25"
	4.0" ECC.	TCJVD2A	0.81"	1.704"	1.94"

SANITARY ANGLE SAMPLE VALVES – TOGGLE HANDLE CONFIGURATION

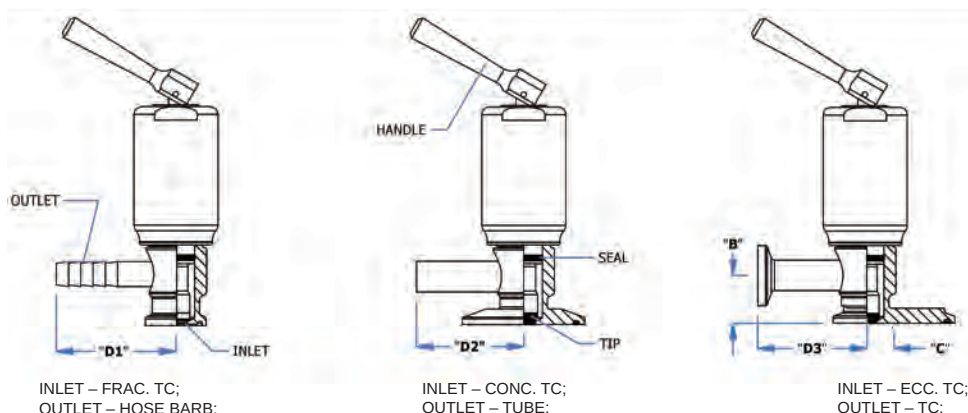
EXAMPLE: PART# **TCGGA2A*** - 3/8" HB **OUTLET** X 0.5" TC **INLET** ANGLE SAMPLE VALVE



Note:

Cut ends of connections are available on request. Please contact a sales representative.

SANITARY ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE



SANITARY ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	SCGGA2A*	0.86"		1.94"
1.0" CONC.	SCGMA2A	0.83"		1.94"
1.0" ECC.	SCGMD2A	0.83"	0.222"	1.94"
1.5" CONC.	SCGTA2A	0.83"		1.94"
1.5" ECC.	SCGTD2A	0.83"	0.472"	1.94"
2.0" CONC.	SCHAA2A	0.83"		2.25"
2.0" ECC.	SCHAD2A	0.83"	0.722"	1.94"
2.5" CONC.	SCHKA2A	0.83"		2.50"
2.5" ECC.	SCHKD2A	0.83"	0.970"	1.94"
3.0" CONC.	SCJEA2A	0.83"		2.75"
3.0" ECC.	SCJED2A	0.83"	1.222"	1.94"
4.0" CONC.	SCJUA2A	0.83"		3.25"
4.0" ECC.	SCJUD2A	0.83"	1.704"	1.94"

3/8" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	SCGGB2A	0.86"		2.00"
1.0" CONC.	SCGMB2A	0.84"		2.25"
1.0" ECC.	SCGME2A	0.84"	0.222"	2.03"
1.5" CONC.	SCGTB2A	0.84"		2.25"
1.5" ECC.	SCGTE2A	0.84"	0.472"	2.03"
2.0" CONC.	SCHAB2A	0.84"		2.75"
2.0" ECC.	SCHAE2A	0.84"	0.722"	2.03"
2.5" CONC.	SCHKB2A	0.84"		3.00"
2.5" ECC.	SCHKE2A	0.84"	0.970"	2.03"
3.0" CONC.	SCJEB2A	0.84"		3.25"
3.0" ECC.	SCJEE2A	0.84"	1.222"	2.03"
4.0" CONC.	SCJUB2A	0.84"		3.75"
4.0" ECC.	SCJUE2A	0.84"	1.704"	2.03"

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SANITARY ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	SCGGC2A	0.86"		2.00"
1.0" CONC.	SCGMC2A	0.84"		2.25"
1.0" ECC.	SCGMF2A	0.84"	0.222"	2.03"
1.5" CONC.	SCGTC2A	0.84"		2.25"
1.5" ECC.	SCGTF2A	0.84"	0.472"	2.03"
2.0" CONC.	SCHAC2A	0.84"		2.75"
2.0" ECC.	SCHAF2A	0.84"	0.722"	2.03"
2.5" CONC.	SCHKC2A	0.84"		3.00"
2.5" ECC.	SCHKF2A	0.84"	0.970"	2.03"
3.0" CONC.	SCJEC2A	0.84"		3.25"
3.0" ECC.	SCJEF2A	0.84"	1.222"	2.03"
4.0" CONC.	SCJUC2A	0.84"		3.75"
4.0" ECC.	SCJUF2A	0.84"	1.704"	2.03"

1/2" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	SCGHA2A	0.83"		2.00"
1.0" CONC.	SCGNA2A	0.80"		2.25"
1.0" ECC.	SCGND2A	0.80"	0.222"	2.03"
1.5" CONC.	SCGUA2A	0.80"		2.25"
1.5" ECC.	SCGUD2A	0.80"	0.472"	2.03"
2.0" CONC.	SCHBA2A	0.80"		2.75"
2.0" ECC.	SCHBD2A	0.80"	0.722"	2.03"
2.5" CONC.	SCHLA2A	0.80"		3.00"
2.5" ECC.	SCHLD2A	0.80"	0.970"	2.03"
3.0" CONC.	SCJFA2A	0.80"		3.25"
3.0" ECC.	SCJFD2A	0.80"	1.222"	2.03"
4.0" CONC.	SCJVA2A	0.80"		3.75"
4.0" ECC.	SCJVD2A	0.80"	1.704"	2.03"

1/2" TUBE
OUTLET

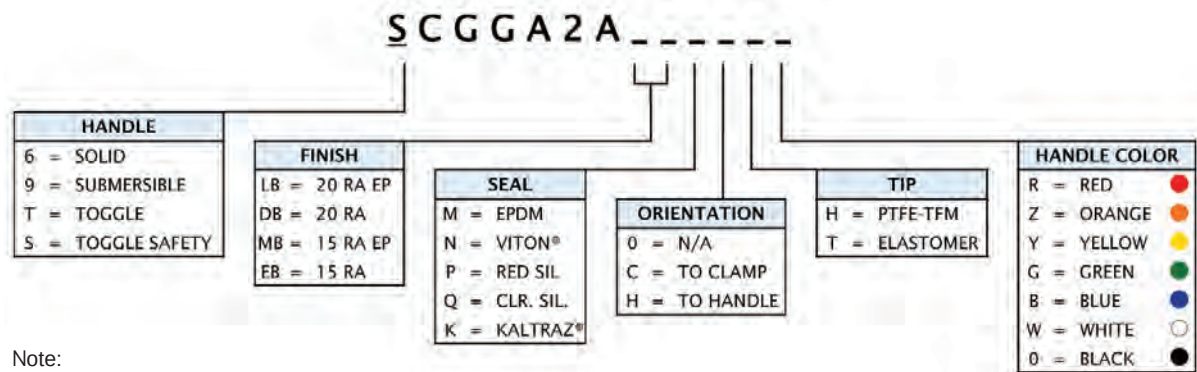
INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	SCGHB2A	0.83"		2.00"
1.0" CONC.	SCGNB2A	0.80"		2.25"
1.0" ECC.	SCGNE2A	0.80"	0.222"	2.03"
1.5" CONC.	SCGUB2A	0.80"		2.25"
1.5" ECC.	SCGUE2A	0.80"	0.472"	2.03"
2.0" CONC.	SCHBB2A	0.80"		2.75"
2.0" ECC.	SCHBE2A	0.80"	0.722"	2.03"
2.5" CONC.	SCHLB2A	0.80"		3.00"
2.5" ECC.	SCHLE2A	0.80"	0.970"	2.03"
3.0" CONC.	SCJFB2A	0.80"		3.25"
3.0" ECC.	SCJFE2A	0.80"	1.222"	2.03"
4.0" CONC.	SCJVB2A	0.80"		3.75"
4.0" ECC.	SCJVE2A	0.80"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TC OUTLET	INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
	0.5" & 0.75"	SCGHC2A	0.83"		2.00"
	1.0" CONC.	SCGNC2A	0.80"		2.25"
	1.0" ECC.	SCGNF2A	0.80"	0.222"	2.03"
	1.5" CONC.	SCGUC2A	0.80"		2.25"
	1.5" ECC.	SCGUF2A	0.80"	0.472"	2.03"
	2.0" CONC.	SCHBC2A	0.80"		2.75"
	2.0" ECC.	SCHBF2A	0.80"	0.722"	2.03"
	2.5" CONC.	SCHLC2A	0.80"		3.00"
	2.5" ECC.	SCHLF2A	0.80"	0.970"	2.03"
	3.0" CONC.	SCJFC2A	0.80"		3.25"
	3.0" ECC.	SCJFF2A	0.80"	1.222"	2.03"
	4.0" CONC.	SCJVC2A	0.80"		3.75"
	4.0" ECC.	SCJVF2A	0.80"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE CONFIGURATION

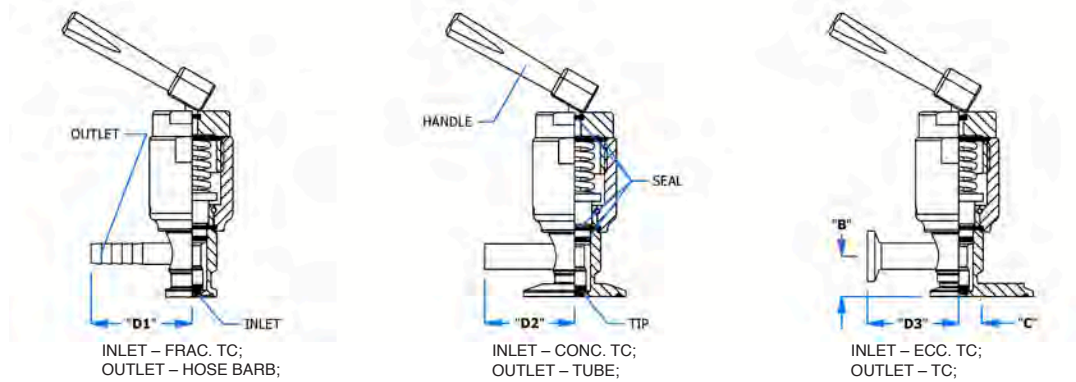
EXAMPLE: PART# **SCGGA2A*** - 3/8" HB **OUTLET** X 0.5" TC **INLET** ANGLE SAMPLE VALVES



Note:

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SANITARY ANGLE SAMPLE VALVES – SUBMERSIBLE TOGGLE HANDLE



SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	QCGGA2A*	0.86"		1.94"
1.0" CONC.	QCGMA2A	0.83"		1.94"
1.0" ECC.	QCGMD2A	0.83"	0.222"	1.94"
1.5" CONC.	QCGTA2A	0.83"		1.94"
1.5" ECC.	QCGTD2A	0.83"	0.472"	1.94"
2.0" CONC.	QCHAA2A	0.83"		2.25"
2.0" ECC.	QCHAD2A	0.83"	0.722"	1.94"
2.5" CONC.	QCHKA2A	0.83"		2.50"
2.5" ECC.	QCHKD2A	0.83"	0.970"	1.94"
3.0" CONC.	QCJEA2A	0.83"		2.75"
3.0" ECC.	QCJED2A	0.83"	1.222"	1.94"
4.0" CONC.	QCJUA2A	0.83"		3.25"
4.0" ECC.	QCJUD2A	0.83"	1.704"	1.94"

3/8" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	QCGGB2A	0.86"		2.00"
1.0" CONC.	QCGMB2A	0.84"		2.25"
1.0" ECC.	QCGME2A	0.84"	0.222"	2.03"
1.5" CONC.	QCGTB2A	0.84"		2.25"
1.5" ECC.	QCGTE2A	0.84"	0.472"	2.03"
2.0" CONC.	QCHAB2A	0.84"		2.75"
2.0" ECC.	QCHAE2A	0.84"	0.722"	2.03"
2.5" CONC.	QCHKB2A	0.84"		3.00"
2.5" ECC.	QCHKE2A	0.84"	0.970"	2.03"
3.0" CONC.	QCJEB2A	0.84"		3.25"
3.0" ECC.	QCJEE2A	0.84"	1.222"	2.03"
4.0" CONC.	QCJUB2A	0.84"		3.75"
4.0" ECC.	QCJUE2A	0.84"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	QCGGC2A	0.86"		2.00"
1.0" CONC.	QCGMC2A	0.84"		2.25"
1.0" ECC.	QCGMF2A	0.84"	0.222"	2.03"
1.5" CONC.	QCGTC2A	0.84"		2.25"
1.5" ECC.	QCGTF2A	0.84"	0.472"	2.03"
2.0" CONC.	QCHAC2A	0.84"		2.75"
2.0" ECC.	QCHAF2A	0.84"	0.722"	2.03"
2.5" CONC.	QCHKC2A	0.84"		3.00"
2.5" ECC.	QCHKF2A	0.84"	0.970"	2.03"
3.0" CONC.	QCJEC2A	0.84"		3.25"
3.0" ECC.	QCJEF2A	0.84"	1.222"	2.03"
4.0" CONC.	QCJUC2A	0.84"		3.75"
4.0" ECC.	QCJUF2A	0.84"	1.704"	2.03"

1/2" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	QCGHB2A	0.83"		2.00"
1.0" CONC.	QCGNB2A	0.80"		2.25"
1.0" ECC.	QCGNE2A	0.80"	0.222"	2.03"
1.5" CONC.	QCGUB2A	0.80"		2.25"
1.5" ECC.	QCGUE2A	0.80"	0.472"	2.03"
2.0" CONC.	QCHBB2A	0.80"		2.75"
2.0" ECC.	QCHBE2A	0.80"	0.722"	2.03"
2.5" CONC.	QCHLB2A	0.80"		3.00"
2.5" ECC.	QCHLE2A	0.80"	0.970"	2.03"
3.0" CONC.	QCJFB2A	0.80"		3.25"
3.0" ECC.	QCJFE2A	0.80"	1.222"	2.03"
4.0" CONC.	QCJVB2A	0.80"		3.75"
4.0" ECC.	QCJVE2A	0.80"	1.704"	2.03"

1/2" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	QCGHC2A	0.83"		2.00"
1.0" CONC.	QCGNC2A	0.80"		2.25"
1.0" ECC.	QCGNF2A	0.80"	0.222"	2.03"
1.5" CONC.	QCGUC2A	0.80"		2.25"
1.5" ECC.	QCGUF2A	0.80"	0.472"	2.03"
2.0" CONC.	QCHBC2A	0.80"		2.75"
2.0" ECC.	QCHBF2A	0.80"	0.722"	2.03"
2.5" CONC.	QCHLC2A	0.80"		3.00"
2.5" ECC.	QCHLF2A	0.80"	0.970"	2.03"
3.0" CONC.	QCJFC2A	0.80"		3.25"
3.0" ECC.	QCJFF2A	0.80"	1.222"	2.03"
4.0" CONC.	QCJVC2A	0.80"		3.75"
4.0" ECC.	QCJVF2A	0.80"	1.704"	2.03"

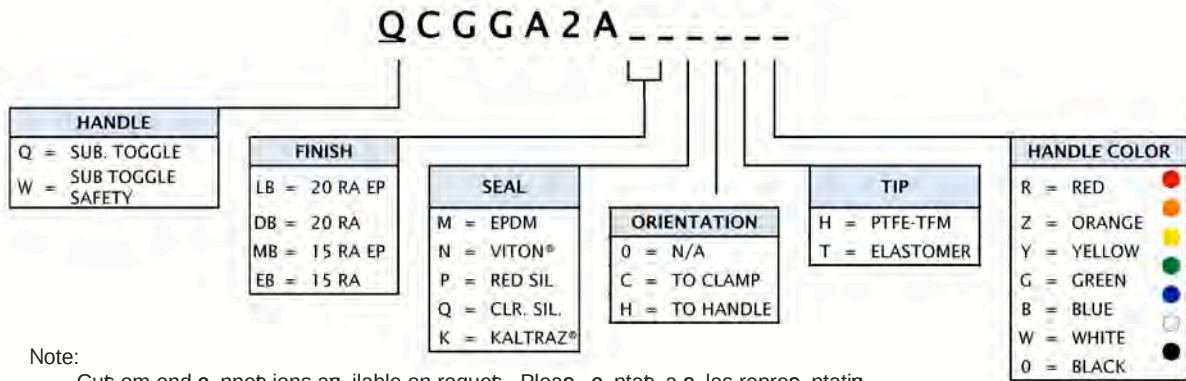
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SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

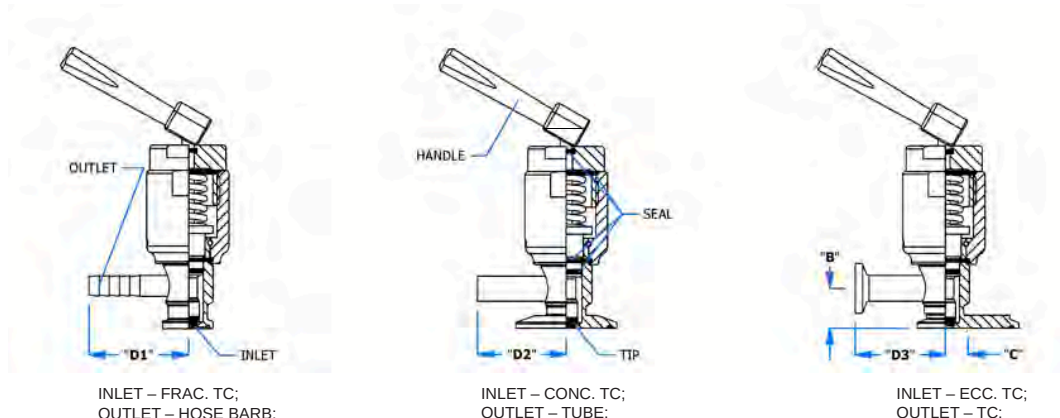
1/2" HB OUTLET	INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
	0.5" & 0.75"	QCGHA2A	0.84"		1.94"
	1.0" CONC.	QCGNA2A	0.81"		1.94"
	1.0" ECC.	QCGND2A	0.81"	0.222"	1.94"
	1.5" CONC.	QCGUA2A	0.81"		1.94"
	1.5" ECC.	QCGUD2A	0.81"	0.472"	1.94"
	2.0" CONC.	QCHBA2A	0.81"		2.25"
	2.0" ECC.	QCHBD2A	0.81"	0.722"	1.94"
	2.5" CONC.	QCHLA2A	0.81"		2.50"
	2.5" ECC.	QCHLD2A	0.81"	0.970"	1.94"
	3.0" CONC.	QCJFA2A	0.81"		2.75"
	3.0" ECC.	QCJFD2A	0.81"	1.222"	1.94"
	4.0" CONC.	QCJVA2A	0.81"		3.25"
	4.0" ECC.	QCJVD2A	0.81"	1.704"	1.94"

SANITARY ANGLE SAMPLE VALVES – SUBMERSIBLE TOGGLE HANDLE CONFIGURATION

EXAMPLE: PART# **QCGGA2A*** - 3/8" HB **OUTLET** X 0.5" TC **INLET** ANGLE SAMPLE VALVE



SANITARY ANGLE SAMPLE VALVES – SUBMERSIBLE TOGGLE SAFETY HANDLE



SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	WCGGA2A*	0.86"		1.94"
1.0" CONC.	WCGMA2A	0.83"		1.94"
1.0" ECC.	WCGMD2A	0.83"	0.222"	1.94"
1.5" CONC.	WCGTA2A	0.83"		1.94"
1.5" ECC.	WCGTD2A	0.83"	0.472"	1.94"
2.0" CONC.	WCHAA2A	0.83"		2.25"
2.0" ECC.	WCHAD2A	0.83"	0.722"	1.94"
2.5" CONC.	WCHKA2A	0.83"		2.50"
2.5" ECC.	WCHKD2A	0.83"	0.970"	1.94"
3.0" CONC.	WCJEA2A	0.83"		2.75"
3.0" ECC.	WCJED2A	0.83"	1.222"	1.94"
4.0" CONC.	WCJUA2A	0.83"		3.25"
4.0" ECC.	WCJUD2A	0.83"	1.704"	1.94"

3/8" TUBE
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	WCGGB2A	0.86"		2.00"
1.0" CONC.	WCGMB2A	0.84"		2.25"
1.0" ECC.	WCGME2A	0.84"	0.222"	2.03"
1.5" CONC.	WCGTB2A	0.84"		2.25"
1.5" ECC.	WCGTE2A	0.84"	0.472"	2.03"
2.0" CONC.	WCHAB2A	0.84"		2.75"
2.0" ECC.	WCHAE2A	0.84"	0.722"	2.03"
2.5" CONC.	WCHKB2A	0.84"		3.00"
2.5" ECC.	WCHKE2A	0.84"	0.970"	2.03"
3.0" CONC.	WCJEB2A	0.84"		3.25"
3.0" ECC.	WCJEE2A	0.84"	1.222"	2.03"
4.0" CONC.	WCJUB2A	0.84"		3.75"
4.0" ECC.	WCJUE2A	0.84"	1.704"	2.03"

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SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TC
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
0.5" & 0.75"	WCGGC2A	0.86"		2.00"
1.0" CONC.	WCGMC2A	0.84"		2.25"
1.0" ECC.	WCGMF2A	0.84"	0.222"	2.03"
1.5" CONC.	WCGTC2A	0.84"		2.25"
1.5" ECC.	WCGTF2A	0.84"	0.472"	2.03"
2.0" CONC.	WCHAC2A	0.84"		2.75"
2.0" ECC.	WCHAF2A	0.84"	0.722"	2.03"
2.5" CONC.	WCHKC2A	0.84"		3.00"
2.5" ECC.	WCHKF2A	0.84"	0.970"	2.03"
3.0" CONC.	WCJEC2A	0.84"		3.25"
3.0" ECC.	WCJEF2A	0.84"	1.222"	2.03"
4.0" CONC.	WCJUC2A	0.84"		3.75"
4.0" ECC.	WCJUF2A	0.84"	1.704"	2.03"

1/2" HB
OUTLET

INLET	PART #	"B" DIM	"C" DIM	"D1" DIM
0.5" & 0.75"	WCGHB2A	0.83"		2.00"
1.0" CONC.	WCGNB2A	0.80"		2.25"
1.0" ECC.	WCGNE2A	0.80"	0.222"	2.03"
1.5" CONC.	WCGUB2A	0.80"		2.25"
1.5" ECC.	WCGUE2A	0.80"	0.472"	2.03"
2.0" CONC.	WCHBB2A	0.80"		2.75"
2.0" ECC.	WCHBE2A	0.80"	0.722"	2.03"
2.5" CONC.	WCHLB2A	0.80"		3.00"
2.5" ECC.	WCHLE2A	0.80"	0.970"	2.03"
3.0" CONC.	WCJFB2A	0.80"		3.25"
3.0" ECC.	WCJFE2A	0.80"	1.222"	2.03"
4.0" CONC.	WCJVB2A	0.80"		3.75"
4.0" ECC.	WCJVE2A	0.80"	1.704"	2.03"

1/2" TUBE
OUTLET

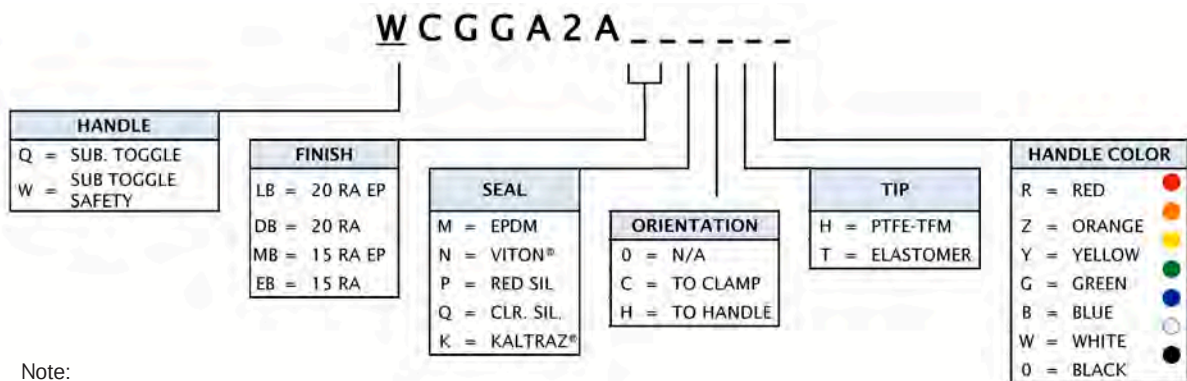
INLET	PART #	"B" DIM	"C" DIM	"D2" DIM
0.5" & 0.75"	WCGHC2A	0.83"		2.00"
1.0" CONC.	WCGNC2A	0.80"		2.25"
1.0" ECC.	WCGNF2A	0.80"	0.222"	2.03"
1.5" CONC.	WCGUC2A	0.80"		2.25"
1.5" ECC.	WCGUF2A	0.80"	0.472"	2.03"
2.0" CONC.	WCHBC2A	0.80"		2.75"
2.0" ECC.	WCHBF2A	0.80"	0.722"	2.03"
2.5" CONC.	WCHLC2A	0.80"		3.00"
2.5" ECC.	WCHLF2A	0.80"	0.970"	2.03"
3.0" CONC.	WCJFC2A	0.80"		3.25"
3.0" ECC.	WCJFF2A	0.80"	1.222"	2.03"
4.0" CONC.	WCJVC2A	0.80"		3.75"
4.0" ECC.	WCJVF2A	0.80"	1.704"	2.03"

SANITARY ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TC OUTLET	INLET	PART #	"B" DIM	"C" DIM	"D3" DIM
	0.5" & 0.75"	WCGHC2A	0.83"		2.00"
	1.0" CONC.	WCGNC2A	0.80"		2.25"
	1.0" ECC.	WCGNF2A	0.80"	0.222"	2.03"
	1.5" CONC.	WCGUC2A	0.80"		2.25"
	1.5" ECC.	WCGUF2A	0.80"	0.472"	2.03"
	2.0" CONC.	WCHBC2A	0.80"		2.75"
	2.0" ECC.	WCHBF2A	0.80"	0.722"	2.03"
	2.5" CONC.	WCHLC2A	0.80"		3.00"
	2.5" ECC.	WCHLF2A	0.80"	0.970"	2.03"
	3.0" CONC.	WCJFC2A	0.80"		3.25"
	3.0" ECC.	WCJFF2A	0.80"	1.222"	2.03"
	4.0" CONC.	WCJVC2A	0.80"		3.75"
	4.0" ECC.	WCJVF2A	0.80"	1.704"	2.03"

SANITARY ANGLE BLEED VALVES – SUBMERSIBLE TOGGLE SAFETY HANDLE CONFIGURATION

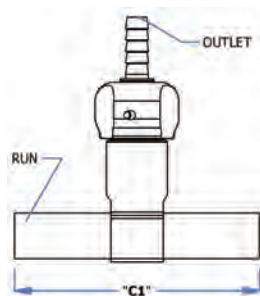
EXAMPLE: PART# **WCGGA2A*** - 3/8" HB **OUTLET** X 0.5" TC **INLET** ANGLE SAMPLE VALVE



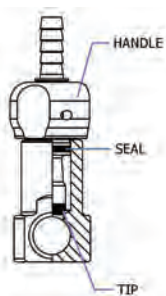
Note:

Cuts and connections are available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE INLINE SAMPLE VALVES - SOLID HANDLE



INLET - AUTOWELD RUN;
OUTLET - HOSE BARB;



INLET - TC RUN;
OUTLET - HOSE BARB;

SANITARY ZERO STATIC TEE INLINE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

A / W RUN	PART #	"A1" DIM	"A2" DIM	"C1" DIM
0.5"	6PGCN2A*	3.55"	3.40"	3.87"
0.75"	6PGGN2A	3.67"	3.52"	4.00"
1.0"	6PGMN2A	2.79"	3.75"	4.00"
1.5"	6PGTN2A	4.05"	3.90"	5.00"
2.0"	6PHAN2A	4.26"	4.11"	7.20"
2.5"	6PHKN2A	4.55"	4.40"	7.20"
3.0"	6PJEN2A	4.80"	4.65"	9.20"
4.0"	6PJUN2A	4.27"	5.12"	11.20"

3/8" HB
OUTLET

TC RUN	PART #	"A1" DIM	"A2" DIM	"C2" DIM
0.5"	6PGCR2A	3.55"	3.40"	3.12"
0.75"	6PGGR2A	3.67"	3.52"	3.26"
1.0"	6PGMR2A	2.79"	3.75"	3.25"
1.5"	6PGTR2A	4.05"	3.90"	3.45"
2.0"	6PHAR2A	4.26"	4.11"	3.45"
2.5"	6PHKR2A	4.55"	4.40"	3.45"
3.0"	6PJER2A	4.80"	4.65"	3.45"
4.0"	6PJUR2A	4.27"	5.12"	3.45"

3/8" TUBE
OUTLET

A / W RUN	PART #	"A1" DIM	"A2" DIM	"C1" DIM
0.5"	6PGCP2A	3.55"	3.40"	3.87"
0.75"	6PGGP2A	3.67"	3.52"	4.00"
1.0"	6PGMP2A	2.79"	3.75"	4.00"
1.5"	6PGTP2A	4.05"	3.90"	5.00"
2.0"	6PHAP2A	4.26"	4.11"	7.20"
2.5"	6PHKP2A	4.55"	4.40"	7.20"
3.0"	6PJEP2A	4.80"	4.65"	9.20"
4.0"	6PJUP2A	4.27"	5.12"	11.20"

SANITARY ZERO STATIC TEE INLINE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TUBE
OUTLET

TC RUN	PART #	"A1" DIM	"A2" DIM	"C2" DIM
0.5"	6PGCS2A	3.55"	3.40"	3.12"
0.75"	6PGGS2A	3.67"	3.52"	3.26"
1.0"	6PGMS2A	2.79"	3.75"	3.25"
1.5"	6PGTS2A	4.05"	3.90"	3.45"
2.0"	6PHAS2A	4.26"	4.11"	3.45"
2.5"	6PHKS2A	4.55"	4.40"	3.45"
3.0"	6PJES2A	4.80"	4.65"	3.45"
4.0"	6PJUS2A	4.27"	5.12"	3.45"

1/2" HB
OUTLET

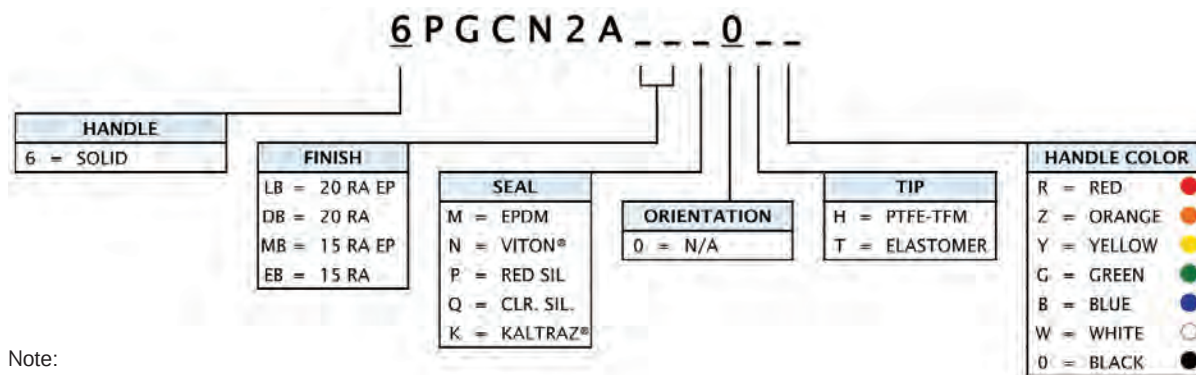
A / W RUN	PART #	"A1" DIM	"A2" DIM	"C1" DIM
0.5"	6PBUN2A	3.55"	3.40"	3.87"
0.75"	6PGHN2A	3.67"	3.52"	4.00"
1.0"	6PGNN2A	2.79"	3.75"	4.00"
1.5"	6PGUN2A	4.05"	3.90"	5.00"
2.0"	6PHBN2A	4.26"	4.11"	7.20"
2.5"	6PHLN2A	4.55"	4.40"	7.20"
3.0"	6PJFN2A	4.80"	4.65"	9.20"
4.0"	6PJVN2A	4.27"	5.12"	11.20"

1/2" HB
OUTLET

TC RUN	PART #	"A1" DIM	"A2" DIM	"C2" DIM
0.5"	6PBUR2A	3.55"	3.40"	3.12"
0.75"	6PGHR2A	3.67"	3.52"	3.26"
1.0"	6PGNR2A	2.79"	3.75"	3.25"
1.5"	6PGUR2A	4.05"	3.90"	3.45"
2.0"	6PHBR2A	4.26"	4.11"	3.45"
2.5"	6PHLR2A	4.55"	4.40"	3.45"
3.0"	6PJFR2A	4.80"	4.65"	3.45"
4.0"	6PJVR2A	4.27"	5.12"	3.45"

SANITARY ZERO STATIC TEE INLINE SAMPLE VALVES – SOLID HANDLE CONFIGURATION

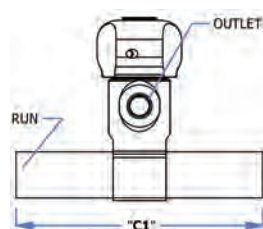
EXAMPLE: PART# **6PGCN2A*** - 3/8" HB **OUTLET** X 0.5" AUTOWELDED RUN **INLET** ZERO STATIC TEE INLINE SAMPLE VALVES



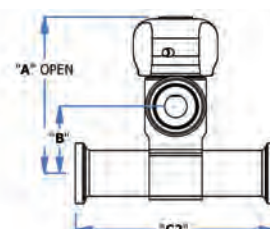
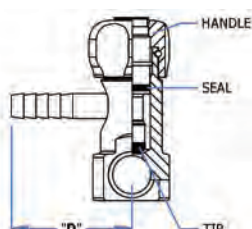
Note:

Cuts on end o nnet ions are ilable on request . Please o ntat a a les repre ntatie .

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SOLID HANDLE



INLET - AUTOWELD RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	6EGCN2A*	2.54"	1.00"	3.87"	1.94"
0.75"	6EGGN2A	2.66"	1.12"	4.00"	1.94"
1.0"	6EGMN2A	2.79"	1.25"	4.00"	1.94"
1.5"	6EGTN2A	3.04"	1.51"	5.00"	1.94"
2.0"	6EHAN2A	3.29"	1.75"	7.20"	1.94"
2.5"	6EHKN2A	3.54"	2.00"	7.20"	1.94"
3.0"	6EJEN2A	3.79"	2.25"	9.20"	1.94"
4.0"	6EJUN2A	4.26"	2.72"	11.20"	1.94"

3/8" HB
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
0.5"	6EGCR2A	2.54"	1.00"	3.12"	1.94"
0.75"	6EGGR2A	2.66"	1.12"	3.26"	1.94"
1.0"	6EGMR2A	2.79"	1.25"	3.25"	1.94"
1.5"	6EGTR2A	3.04"	1.51"	3.45"	1.94"
2.0"	6EHAR2A	3.29"	1.75"	3.45"	1.94"
2.5"	6EHKR2A	3.54"	2.00"	3.45"	1.94"
3.0"	6EJER2A	3.79"	2.25"	3.45"	1.94"
4.0"	6EJUR2A	4.26"	2.72"	3.45"	1.94"

3/8" TUBE
OUTLET

A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	6EGCP2A	2.54"	1.00"	3.87"	2.75"
0.75"	6EGGP2A	2.66"	1.12"	4.00"	2.75"
1.0"	6EGMP2A	2.79"	1.25"	4.00"	2.75"
1.5"	6EGTP2A	3.04"	1.51"	5.00"	2.75"
2.0"	6EHAP2A	3.29"	1.75"	7.20"	2.75"
2.5"	6EHKP2A	3.54"	2.00"	7.20"	2.75"
3.0"	6EJEP2A	3.79"	2.25"	9.20"	2.75"
4.0"	6EJUP2A	4.26"	2.72"	11.20"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TUBE
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
0.5"	6EGCS2A	2.54"	1.00"	3.12"	2.75"
0.75"	6EGGS2A	2.66"	1.12"	3.26"	2.75"
1.0"	6EGMS2A	2.79"	1.25"	3.25"	2.75"
1.5"	6EGTS2A	3.04"	1.51"	3.45"	2.75"
2.0"	6EHAS2A	3.29"	1.75"	3.45"	2.75"
2.5"	6EHKS2A	3.54"	2.00"	3.45"	2.75"
3.0"	6EJES2A	3.79"	2.25"	3.45"	2.75"
4.0"	6EJUS2A	4.26"	2.72"	3.45"	2.75"

1/2" HB
OUTLET

A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	6EBUN2A	2.54"	0.98"	3.87"	1.94"
0.75"	6EGHN2A	2.66"	1.10"	4.00"	1.94"
1.0"	6EGNN2A	2.79"	1.23"	4.00"	1.94"
1.5"	6EGUN2A	3.04"	1.49"	5.00"	1.94"
2.0"	6EHBN2A	3.29"	1.73"	7.20"	1.94"
2.5"	6EHLN2A	3.54"	1.98"	7.20"	1.94"
3.0"	6EJFN2A	3.79"	2.23"	9.20"	1.94"
4.0"	6EJVN2A	4.26"	2.70"	11.20"	1.94"

1/2" TUBE
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
0.5"	6EBUS2A	2.54"	0.97"	3.12"	2.75"
0.75"	6EGHS2A	2.66"	1.09"	3.26"	2.75"
1.0"	6EGNS2A	2.79"	1.22"	3.25"	2.75"
1.5"	6EGUS2A	3.04"	1.48"	3.45"	2.75"
2.0"	6EHBS2A	3.29"	1.72"	3.45"	2.75"
2.5"	6EHLS2A	3.54"	1.97"	3.45"	2.75"
3.0"	6EJFS2A	3.79"	2.22"	3.45"	2.75"
4.0"	6EJVS2A	4.26"	2.69"	3.45"	2.75"

1/2" TUBE
OUTLET

A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	6EBUP2A	2.54"	0.97"	3.87"	2.75"
0.75"	6EGHP2A	2.66"	1.09"	4.00"	2.75"
1.0"	6EGNP2A	2.79"	1.22"	4.00"	2.75"
1.5"	6EGUP2A	3.04"	1.48"	5.00"	2.75"
2.0"	6EHBP2A	3.29"	1.72"	7.20"	2.75"
2.5"	6EHLP2A	3.54"	1.97"	7.20"	2.75"
3.0"	6EJFP2A	3.79"	2.22"	9.20"	2.75"
4.0"	6EJVP2A	4.26"	2.69"	11.20"	2.75"

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SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SOLID HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" HB
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
0.5"	6EBUR2A	2.54"	0.98"	3.12"	1.94"
0.75"	6EGHR2A	2.66"	1.10"	3.26"	1.94"
1.0"	6EGNR2A	2.79"	1.23"	3.25"	1.94"
1.5"	6EGUR2A	3.04"	1.49"	3.45"	1.94"
2.0"	6EHBR2A	3.29"	1.73"	3.45"	1.94"
2.5"	6EHLR2A	3.54"	1.98"	3.45"	1.94"
3.0"	6EJFR2A	3.79"	2.23"	3.45"	1.94"
4.0"	6EJVR2A	4.26"	2.70"	3.45"	1.94"

1/2" TC
OUTLET

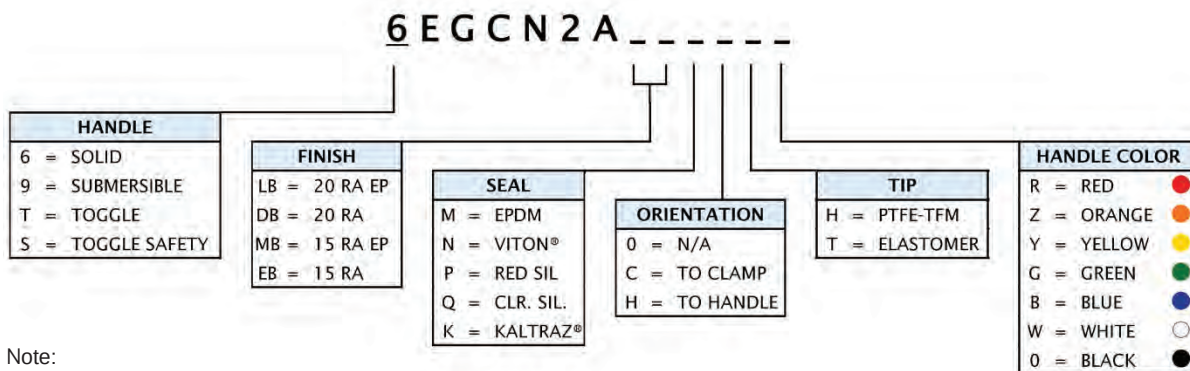
A / W RUN	PART #	"A" DIM	"B" DIM	"C1" DIM	"D" DIM
0.5"	6EBUQ2A	2.54"	0.97"	3.87"	2.75"
0.75"	6EGHQ2A	2.66"	1.09"	4.00"	2.75"
1.0"	6EGNQ2A	2.79"	1.22"	4.00"	2.75"
1.5"	6EGUQ2A	3.04"	1.48"	5.00"	2.75"
2.0"	6EHBQ2A	3.29"	1.72"	7.20"	2.75"
2.5"	6EHLQ2A	3.54"	1.97"	7.20"	2.75"
3.0"	6EJFQ2A	3.79"	2.22"	9.20"	2.75"
4.0"	6EJVQ2A	4.26"	2.69"	11.20"	2.75"

1/2" TC
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C2" DIM	"D" DIM
0.5"	6EBUT2A	2.54"	0.97"	3.12"	2.75"
0.75"	6EGHT2A	2.66"	1.09"	3.26"	2.75"
1.0"	6EGNT2A	2.79"	1.22"	3.25"	2.75"
1.5"	6EGUT2A	3.04"	1.48"	3.45"	2.75"
2.0"	6EHT2A	3.29"	1.72"	3.45"	2.75"
2.5"	6EHLT2A	3.54"	1.97"	3.45"	2.75"
3.0"	6EJFT2A	3.79"	2.22"	3.45"	2.75"
4.0"	6EJVT2A	4.26"	2.69"	3.45"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVE – SOLID HANDLE CONFIGURATION

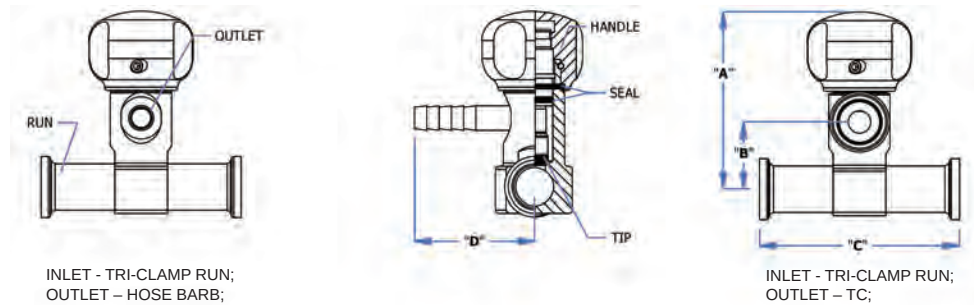
EXAMPLE: PART# **6EGCN2A*** - 3/8" HB **OUTLET** X 0.5" AUTOWELD RUN **INLET** ZERO STATIC TEE ANGLE SAMPLE VALVE



Note:

Custom end connections available on request. Please contact sales representative.

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUBMERSIBLE HANDLE



SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUBMERSIBLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5"	9EGCR2A*	2.74"	1.00"	3.12"	1.94"
0.75"	9EGGR2A	2.87"	1.12"	3.26"	1.94"
1.0"	9EGMR2A	2.99"	1.25"	3.25"	1.94"
1.5"	9EGTR2A	3.24"	1.51"	3.45"	1.94"
2.0"	9EHAR2A	3.49"	1.75"	3.45"	1.94"
2.5"	9EHKR2A	3.74"	2.00"	3.45"	1.94"
3.0"	9EJER2A	3.99"	2.25"	3.45"	1.94"
4.0"	9EJUR2A	4.46"	2.72"	3.45"	1.94"

3/8" TUBE
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5"	9EGCS2A	2.74"	1.00"	3.12"	2.75"
0.75"	9EGGS2A	2.87"	1.12"	3.26"	2.75"
1.0"	9EGMS2A	2.99"	1.25"	3.25"	2.75"
1.5"	9EGTS2A	3.24"	1.51"	3.45"	2.75"
2.0"	9EHAS2A	3.49"	1.75"	3.45"	2.75"
2.5"	9EHKS2A	3.74"	2.00"	3.45"	2.75"
3.0"	9EJES2A	3.99"	2.25"	3.45"	2.75"
4.0"	9EJUS2A	4.46"	2.72"	3.45"	2.75"

1/2" HB
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5"	9EBUR2A	2.74"	0.98"	3.12"	2.75"
0.75"	9EGHR2A	2.87"	1.10"	3.26"	2.75"
1.0"	9EGNR2A	2.99"	1.23"	3.25"	2.75"
1.5"	9EGUR2A	3.24"	1.49"	3.45"	2.75"
2.0"	9EHBR2A	3.49"	1.73"	3.45"	2.75"
2.5"	9EHLR2A	3.74"	1.98"	3.45"	2.75"
3.0"	9EJFR2A	3.99"	2.23"	3.45"	2.75"
4.0"	9EJVR2A	4.46"	2.70"	3.45"	2.75"

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SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUBMERSIBLE HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TUBE
OUTLET

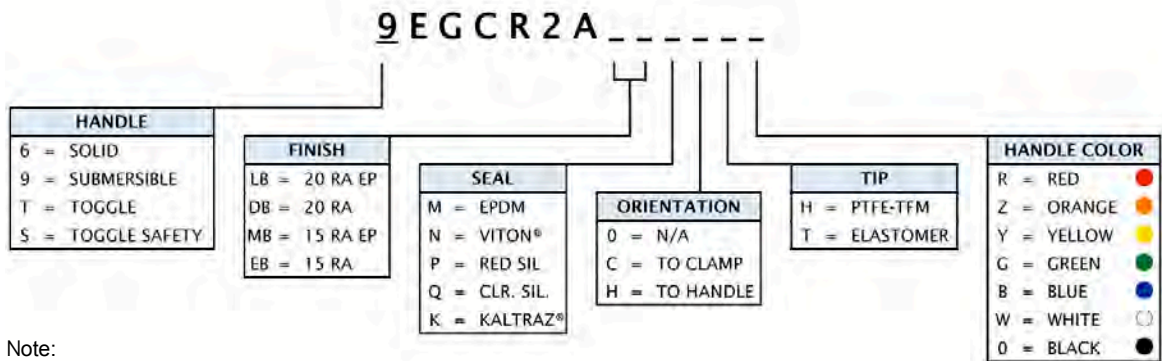
TC RUN	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5"	9EBUS2A	2.74"	0.97"	3.12"	2.75"
0.75"	9EGHS2A	2.87"	1.09"	3.26"	2.75"
1.0"	9EGNS2A	2.99"	1.22"	3.25"	2.75"
1.5"	9EGUS2A	3.24"	1.48"	3.45"	2.75"
2.0"	9EHBS2A	3.49"	1.72"	3.45"	2.75"
2.5"	9EHLS2A	3.74"	1.97"	3.45"	2.75"
3.0"	9EJFS2A	3.99"	2.22"	3.45"	2.75"
4.0"	9EJVS2A	4.46"	2.69"	3.45"	2.75"

1/2" TC
OUTLET

TC RUN	PART #	"A" DIM	"B" DIM	"C" DIM	"D" DIM
0.5"	9EBUT2A	2.74"	0.97"	3.12"	2.75"
0.75"	9EGHT2A	2.87"	1.09"	3.26"	2.75"
1.0"	9EGNT2A	2.99"	1.22"	3.25"	2.75"
1.5"	9EGUT2A	3.24"	1.48"	3.45"	2.75"
2.0"	9EHBT2A	3.49"	1.72"	3.45"	2.75"
2.5"	9EHLT2A	3.74"	1.97"	3.45"	2.75"
3.0"	9EJFT2A	3.99"	2.22"	3.45"	2.75"
4.0"	9EJVT2A	4.46"	2.69"	3.45"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES – SUBMERSIBLE HANDLE CONFIGURATION

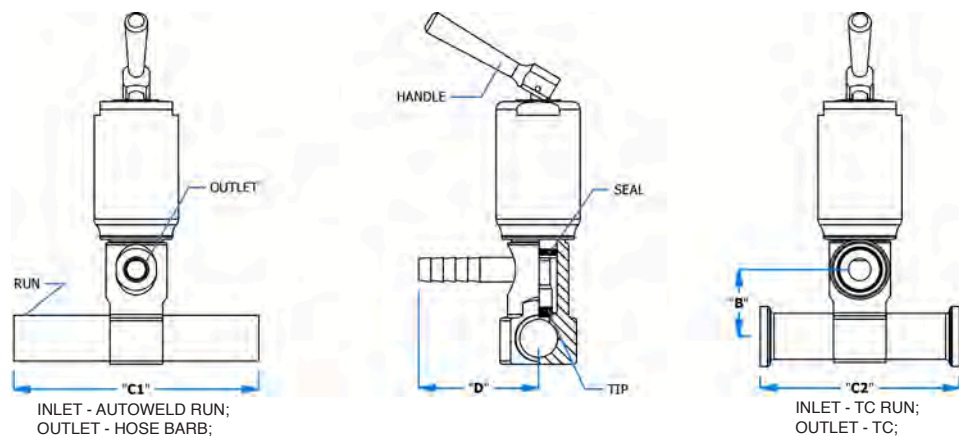
EXAMPLE: PART# **9EGCR2A*** - 3/8" HB **OUTLET** X 0.5" TRIPCLAMP RUN **INLET** ZERO STATIC TEE ANGLE SAMPLE VALVES



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE HANDLE



SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	TEGCN2A*	1.00"	3.87"	1.94"
0.75"	TEGGN2A	1.12"	4.00"	1.94"
1.0"	TEGMN2A	1.25"	4.00"	1.94"
1.5"	TEGTN2A	1.51"	5.00"	1.94"
2.0"	TEHAN2A	1.75"	7.20"	1.94"
2.5"	TEHKN2A	2.00"	7.20"	1.94"
3.0"	TEJEN2A	2.25"	9.20"	1.94"
4.0"	TEJUN2A	2.72"	11.20"	1.94"

3/8" HB
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	TEGCR2A	1.00"	3.12"	1.94"
0.75"	TEGGR2A	1.12"	3.26"	1.94"
1.0"	TEGMR2A	1.25"	3.25"	1.94"
1.5"	TEGTR2A	1.51"	3.25"	1.94"
2.0"	TEHAR2A	1.75"	3.45"	1.94"
2.5"	TEHKR2A	2.00"	3.45"	1.94"
3.0"	TEJER2A	2.25"	3.45"	1.94"
4.0"	TEJUR2A	2.72"	3.45"	1.94"

3/8" TUBE
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	TEGCP2A	1.00"	3.87"	2.75"
0.75"	TEGGP2A	1.12"	4.00"	2.75"
1.0"	TEGMP2A	1.25"	4.00"	2.75"
1.5"	TEGTP2A	1.51"	5.00"	2.75"
2.0"	TEHAP2A	1.75"	7.20"	2.75"
2.5"	TEHKP2A	2.00"	7.20"	2.75"
3.0"	TEJEP2A	2.25"	9.20"	2.75"
4.0"	TEJUP2A	2.72"	11.20"	2.75"

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SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TUBE
OUTLET

<u>TC RUN</u>	<u>PART #</u>	<u>"B" DIM</u>	<u>"C2" DIM</u>	<u>"D" DIM</u>
0.5"	TEGCS2A	1.00"	3.12"	2.75"
0.75"	TEGGS2A	1.12"	3.26"	2.75"
1.0"	TEGMS2A	1.25"	3.25"	2.75"
1.5"	TEGTS2A	1.51"	3.25"	2.75"
2.0"	TEHAS2A	1.75"	3.45"	2.75"
2.5"	TEHKS2A	2.00"	3.45"	2.75"
3.0"	TEJES2A	2.25"	3.45"	2.75"
4.0"	TEJUS2A	2.72"	3.45"	2.75"

1/2" HB
OUTLET

<u>A / W RUN</u>	<u>PART #</u>	<u>"B" DIM</u>	<u>"C1" DIM</u>	<u>"D" DIM</u>
0.5"	TEBUN2A	0.98"	3.87"	1.94"
0.75"	TEGHN2A	1.10"	4.00"	1.94"
1.0"	TEGNN2A	1.23"	4.00"	1.94"
1.5"	TEGUN2A	1.49"	5.00"	1.94"
2.0"	TEHBN2A	1.73"	7.20"	1.94"
2.5"	TEHLN2A	1.98"	7.20"	1.94"
3.0"	TEJFN2A	2.23"	9.20"	1.94"
4.0"	TEJVN2A	2.70"	11.20"	1.94"

1/2" HB
OUTLET

<u>TC RUN</u>	<u>PART #</u>	<u>"B" DIM</u>	<u>"C2" DIM</u>	<u>"D" DIM</u>
0.5"	TEBUR2A	0.98"	3.12"	1.94"
0.75"	TEGHR2A	1.10"	3.26"	1.94"
1.0"	TEGHR2A	1.23"	3.25"	1.94"
1.5"	TEGUR2A	1.49"	3.45"	1.94"
2.0"	TEHBR2A	1.73"	3.45"	1.94"
2.5"	TEHLR2A	1.98"	3.45"	1.94"
3.0"	TEJFR2A	2.23"	3.45"	1.94"
4.0"	TEJVR2A	2.70"	11.20"	1.94"

1/2" TUBE
OUTLET

<u>A / W RUN</u>	<u>PART #</u>	<u>"B" DIM</u>	<u>"C1" DIM</u>	<u>"D" DIM</u>
0.5"	TEBUP2A	0.97"	3.87"	2.75"
0.75"	TEGHP2A	1.09"	4.00"	2.75"
1.0"	TEGNP2A	1.22"	4.00"	2.75"
1.5"	TEGUP2A	1.48"	5.00"	2.75"
2.0"	TEHBP2A	1.72"	7.20"	2.75"
2.5"	TEHLP2A	1.97"	7.20"	2.75"
3.0"	TEJFP2A	2.22"	9.20"	2.75"
4.0"	TEJVP2A	2.69"	11.20"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TUBE
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	TEBUS2A	0.97"	3.12"	2.75"
0.75"	TEGHS2A	1.09"	3.26"	2.75"
1.0"	TEGNS2A	1.22"	3.25"	2.75"
1.5"	TEGUS2A	1.48"	3.45"	2.75"
2.0"	TEHBS2A	1.72"	3.45"	2.75"
2.5"	TEHLS2A	1.97"	3.45"	2.75"
3.0"	TEJFS2A	2.22"	3.45"	2.75"
4.0"	TEJVS2A	2.69"	3.45"	2.75"

1/2" TC
OUTLET

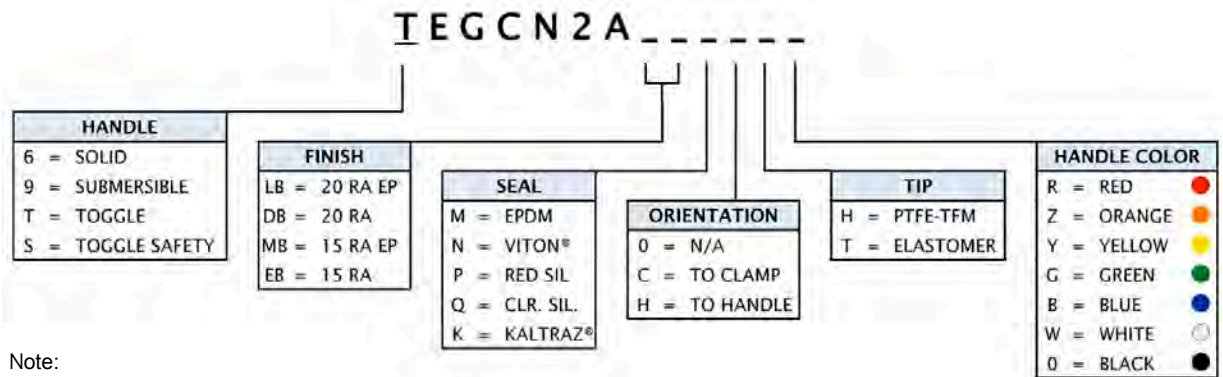
A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	TEBUQ2A	0.97"	3.87"	2.75"
0.75"	TEGHQ2A	1.09"	4.00"	2.75"
1.0"	TEGNQ2A	1.22"	4.00"	2.75"
1.5"	TEGUQ2A	1.48"	5.00"	2.75"
2.0"	TEHBQ2A	1.72"	7.20"	2.75"
2.5"	TEHLQ2A	1.97"	7.20"	2.75"
3.0"	TEJFQ2A	2.22"	9.20"	2.75"
4.0"	TEJVQ2A	2.69"	11.20"	2.75"

1/2" TC
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	TEBUT2A	0.97"	3.12"	2.75"
0.75"	TEGHT2A	1.09"	1.09"	2.75"
1.0"	TEGNT2A	1.22"	1.22"	2.75"
1.5"	TEGUT2A	1.48"	1.48"	2.75"
2.0"	TEHBT2A	1.72"	1.72"	2.75"
2.5"	TEHLT2A	1.97"	1.97"	2.75"
3.0"	TEJFT2A	2.22"	2.22"	2.75"
4.0"	TEJVT2A	2.69"	2.69"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES – TOGGLE HANDLE CONFIGURATION

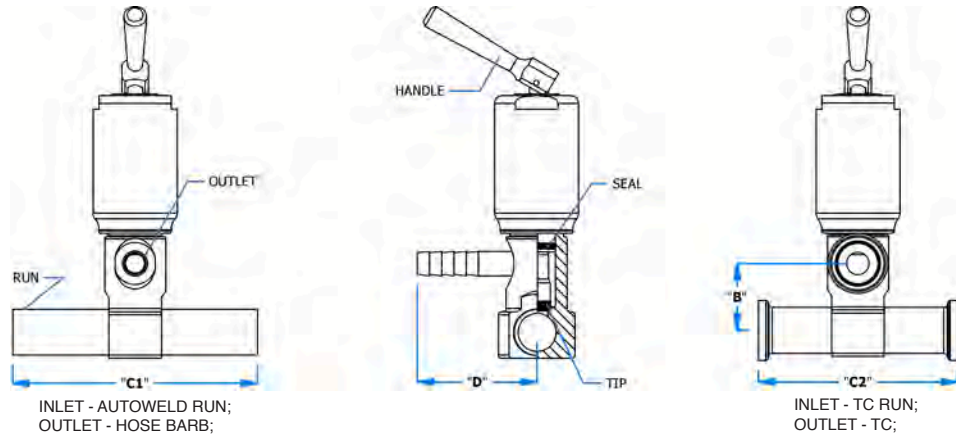
EXAMPLE: PART# **TEGCN2A*** - 3/8" HB **OUTLET** X 0.5" AUTOWELDED **INLET** ZERO STATIC TEE ANGLE SAMPLE VALVES



Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE



SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	SEGCN2A*	1.00"	3.87"	1.94"
0.75"	SEGCN2A	1.12"	4.00"	1.94"
1.0"	SEGMN2A	1.25"	4.00"	1.94"
1.5"	SEGTN2A	1.51"	5.00"	1.94"
2.0"	SEHAN2A	1.75"	7.20"	1.94"
2.5"	SEHKN2A	2.00"	7.20"	1.94"
3.0"	SEJEN2A	2.25"	9.20"	1.94"
4.0"	SEJUN2A	2.72"	11.20"	1.94"

3/8" HB
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	SEGCR2A	1.00"	3.12"	1.94"
0.75"	SEGGR2A	1.12"	3.26"	1.94"
1.0"	SEGMR2A	1.25"	3.25"	1.94"
1.5"	SEGTR2A	1.51"	3.45"	1.94"
2.0"	SEHAR2A	1.75"	3.45"	1.94"
2.5"	SEHKR2A	2.00"	3.45"	1.94"
3.0"	SEJER2A	2.25"	3.45"	1.94"
4.0"	SEJUR2A	2.72"	3.45"	1.94"

3/8" TUBE
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	SEGCP2A	1.00"	3.87"	2.75"
0.75"	SEGGP2A	1.12"	4.00"	2.75"
1.0"	SEGMP2A	1.25"	4.00"	2.75"
1.5"	SEGTP2A	1.51"	5.00"	2.75"
2.0"	SEHAP2A	1.75"	7.20"	2.75"
2.5"	SEHKP2A	2.00"	7.20"	2.75"
3.0"	SEJEP2A	2.25"	9.20"	2.75"
4.0"	SEJUP2A	2.72"	11.20"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" TUBE
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	SEGCS2A	1.00"	3.12"	2.75"
0.75"	SEGGS2A	1.12"	3.26"	2.75"
1.0"	SEGMS2A	1.25"	3.25"	2.75"
1.5"	SEGTS2A	1.51"	3.45"	2.75"
2.0"	SEHAS2A	1.75"	3.45"	2.75"
2.5"	SEHKS2A	2.00"	3.45"	2.75"
3.0"	SEJES2A	2.25"	3.45"	2.75"
4.0"	SEJUS2A	2.72"	3.45"	2.75"

1/2" HB
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	SEBUN2A	0.98"	3.87"	1.94"
0.75"	SEGHN2A	1.10"	4.00"	1.94"
1.0"	SEGNN2A	1.23"	4.00"	1.94"
1.5"	SEGUN2A	1.49"	5.00"	1.94"
2.0"	SEHBN2A	1.73"	7.20"	1.94"
2.5"	SEHLN2A	1.98"	7.20"	1.94"
3.0"	SEJFN2A	2.23"	9.20"	1.94"
4.0"	SEJVN2A	2.70"	11.20"	1.94"

1/2" HB
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	SEBUR2A	0.98"	3.12"	1.94"
0.75"	SEGHR2A	1.10"	3.26"	1.94"
1.0"	SEGNR2A	1.23"	3.25"	1.94"
1.5"	SEGUR2A	1.49"	3.45"	1.94"
2.0"	SEHBR2A	1.73"	3.45"	1.94"
2.5"	SEHLR2A	1.98"	3.45"	1.94"
3.0"	SEJFR2A	2.23"	3.45"	1.94"
4.0"	SEJVR2A	2.70"	3.45"	1.94"

1/2" TUBE
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	SEBUP2A	0.97"	3.87"	2.75"
0.75"	SEGHP2A	1.09"	4.00"	2.75"
1.0"	SEGNP2A	1.22"	4.00"	2.75"
1.5"	SEGUP2A	1.48"	5.00"	2.75"
2.0"	SEHBP2A	1.72"	7.20"	2.75"
2.5"	SEHLP2A	1.97"	7.20"	2.75"
3.0"	SEJFP2A	2.22"	9.20"	2.75"
4.0"	SEJVP2A	2.69"	11.20"	2.75"

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SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TUBE
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	SEBUS2A	0.97"	3.12"	2.75"
0.75"	SEGHS2A	1.09"	3.26"	2.75"
1.0"	SEGNS2A	1.22"	3.25"	2.75"
1.5"	SEGUS2A	1.48"	3.45"	2.75"
2.0"	SEHBS2A	1.72"	3.45"	2.75"
2.5"	SEHLS2A	1.97"	3.45"	2.75"
3.0"	SEJFS2A	2.22"	3.45"	2.75"
4.0"	SEJVS2A	2.69"	3.45"	2.75"

1/2" TC
OUTLET

A / W RUN	PART #	"B" DIM	"C1" DIM	"D" DIM
0.5"	SEBUQ2A	0.97"	3.87"	2.75"
0.75"	SEGHQ2A	1.09"	4.00"	2.75"
1.0"	SEGNQ2A	1.22"	4.00"	2.75"
1.5"	SEGUQ2A	1.48"	5.00"	2.75"
2.0"	SEHBQ2A	1.72"	7.20"	2.75"
2.5"	SEHLQ2A	1.97"	7.20"	2.75"
3.0"	SEJFQ2A	2.22"	9.20"	2.75"
4.0"	SEJVQ2A	2.69"	11.20"	2.75"

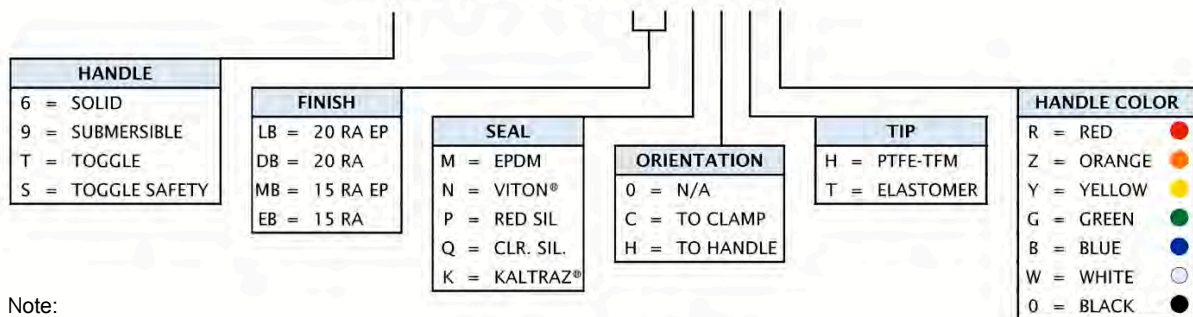
1/2" TC
OUTLET

TC RUN	PART #	"B" DIM	"C2" DIM	"D" DIM
0.5"	SEBUT2A	0.97"	3.12"	2.75"
0.75"	SEGHT2A	1.09"	3.26"	2.75"
1.0"	SEGNT2A	1.22"	3.25"	2.75"
1.5"	SEGUT2A	1.48"	3.45"	2.75"
2.0"	SEHBT2A	1.72"	3.45"	2.75"
2.5"	SEHLT2A	1.97"	3.45"	2.75"
3.0"	SEJFT2A	2.22"	3.45"	2.75"
4.0"	SEJVT2A	2.69"	3.45"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES – TOGGLE SAFETY HANDLE CONFIGURATION

EXAMPLE: PART# **SEGCN2A*** - 3/8" HB **OUTLET** X 0.5" AUTOWELDED RUN **INLET** ZERO STATIC TEE ANGLE SAMPLE VALVES

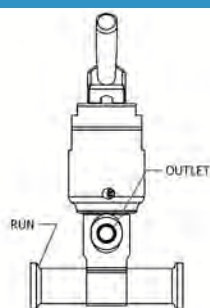
SEGCN2A - - - - -



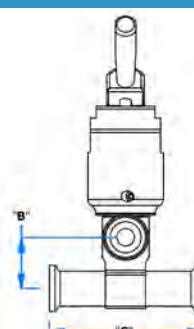
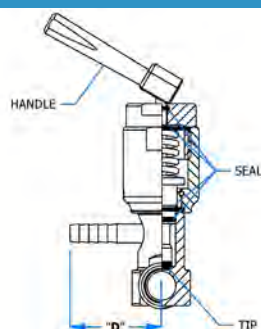
Note:

Custom end connections available on request. Please contact a sales representative.

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE HANDLE



INLET - TRI-CLAMP RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	QEGCR2A*	1.00"	3.12"	1.94"
0.75"	QEGGR2A	1.12"	3.26"	1.94"
1.0"	QEGMR2A	1.25"	3.25"	1.94"
1.5"	QEGTR2A	1.51"	3.45"	1.94"
2.0"	QEHAR2A	1.75"	3.45"	1.94"
2.5"	QEHKR2A	2.00"	3.45"	1.94"
3.0"	QEJER2A	2.25"	3.45"	1.94"
4.0"	QEJUR2A	2.72"	3.45"	1.94"

3/8" TUBE
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	QEGCS2A	1.00"	3.12"	2.75"
0.75"	QEGGS2A	1.12"	3.26"	2.75"
1.0"	QEGMS2A	1.25"	3.25"	2.75"
1.5"	QEGTS2A	1.51"	3.45"	2.75"
2.0"	QEHAS2A	1.75"	3.45"	2.75"
2.5"	QEHKS2A	2.00"	3.45"	2.75"
3.0"	QEJES2A	2.25"	3.45"	2.75"
4.0"	QEJUS2A	2.72"	3.45"	2.75"

1/2" HB
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	QEBUR2A	0.98"	3.12"	2.75"
0.75"	QEGHR2A	1.10"	3.26"	2.75"
1.0"	QEGNR2A	1.23"	3.25"	2.75"
1.5"	QEGUR2A	1.49"	3.45"	2.75"
2.0"	QEHBR2A	1.73"	3.45"	2.75"
2.5"	QEHLR2A	1.98"	3.45"	2.75"
3.0"	QEJFR2A	2.23"	3.45"	2.75"
4.0"	QEJVR2A	2.70"	3.45"	2.75"

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SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TUBE
OUTLET

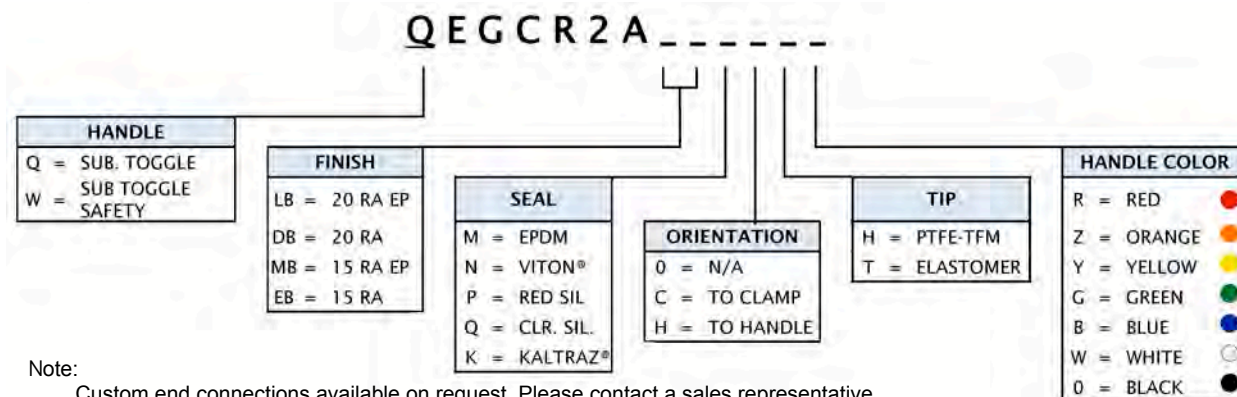
TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	QEBUS2A	0.97"	3.12"	2.75"
0.75"	QEGHS2A	1.09"	3.26"	2.75"
1.0"	QEGNS2A	1.22"	3.25"	2.75"
1.5"	QEGUS2A	1.48"	3.45"	2.75"
2.0"	QEHBS2A	1.72"	3.45"	2.75"
2.5"	QEHLS2A	1.97"	3.45"	2.75"
3.0"	QEJFS2A	2.22"	3.45"	2.75"
4.0"	QEJVS2A	2.69"	3.45"	2.75"

1/2" TC
OUTLET

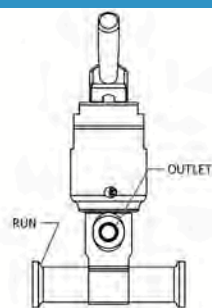
TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	QEBUT2A	0.97"	3.12"	2.75"
0.75"	QEGHT2A	1.09"	3.26"	2.75"
1.0"	QEGNT2A	1.22"	3.25"	2.75"
1.5"	QEGUT2A	1.48"	3.45"	2.75"
2.0"	QEHBT2A	1.72"	3.45"	2.75"
2.5"	QEHLT2A	1.97"	3.45"	2.75"
3.0"	QEJFT2A	2.22"	3.45"	2.75"
4.0"	QEJVT2A	2.69"	3.45"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES – SUBMERSIBLE TOGGLE HANDLE CONFIGURATION

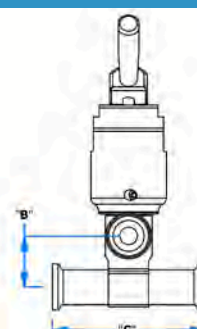
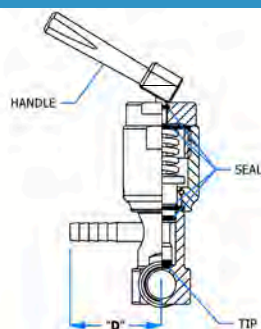
EXAMPLE: PART# **QEGCR2A*** - 3/8" HB **OUTLET** X 0.5" TRIPCLAMP RUN **INLET** ZERO STATIC TEE ANGLE SAMPLE VALVES



SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUBMERSIBLE TOGGLE SAFETY HANDLE



INLET - TRI-CLAMP RUN;
OUTLET - HOSE BARB;



INLET - TRI-CLAMP RUN;
OUTLET - TC;

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUB. TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

3/8" HB
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	WEGCR2A*	1.00"	3.12"	1.94"
0.75"	WEGGR2A	1.12"	3.26"	1.94"
1.0"	WEGMR2A	1.25"	3.25"	1.94"
1.5"	WEGTR2A	1.51"	3.45"	1.94"
2.0"	WEHAR2A	1.75"	3.45"	1.94"
2.5"	WEHCR2A	2.00"	3.45"	1.94"
3.0"	WEJER2A	2.25"	3.45"	1.94"
4.0"	WEJUR2A	2.72"	3.45"	1.94"

3/8" TUBE
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	WEGCS2A	1.00"	3.12"	2.75"
0.75"	WEGGS2A	1.12"	3.26"	2.75"
1.0"	WEGMS2A	1.25"	3.25"	2.75"
1.5"	WEGTS2A	1.51"	3.45"	2.75"
2.0"	WEHAS2A	1.75"	3.45"	2.75"
2.5"	WEHKS2A	2.00"	3.45"	2.75"
3.0"	WEJES2A	2.25"	3.45"	2.75"
4.0"	WEJUS2A	2.72"	3.45"	2.75"

1/2" HB
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	WEBUR2A	0.98"	3.12"	2.75"
0.75"	WEGHR2A	1.10"	3.26"	2.75"
1.0"	WEGNR2A	1.23"	3.25"	2.75"
1.5"	WEGUR2A	1.49"	3.45"	2.75"
2.0"	WEHBR2A	1.73"	3.45"	2.75"
2.5"	WEHLR2A	1.98"	3.45"	2.75"
3.0"	WEJFR2A	2.23"	3.45"	2.75"
4.0"	WEJVR2A	2.70"	3.45"	2.75"

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SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES - SUB. TOGGLE SAFETY HANDLE (Ø 0.370" INLET BORE SIZE)

1/2" TUBE
OUTLET

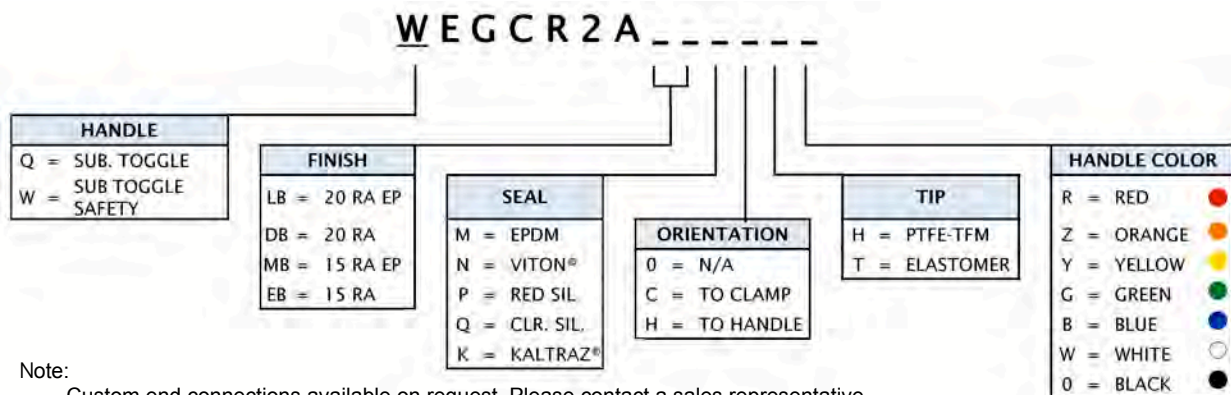
TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	WEBUS2A	0.97"	3.12"	2.75"
0.75"	WEGHS2A	1.09"	3.26"	2.75"
1.0"	WEGNS2A	1.22"	3.25"	2.75"
1.5"	WEGUS2A	1.48"	3.45"	2.75"
2.0"	WEHBS2A	1.72"	3.45"	2.75"
2.5"	WEHLS2A	1.97"	3.45"	2.75"
3.0"	WEJFS2A	2.22"	3.45"	2.75"
4.0"	WEJVS2A	2.69"	3.45"	2.75"

1/2" TC
OUTLET

TC RUN	PART #	"B" DIM	"C" DIM	"D" DIM
0.5"	WEBUT2A	0.97"	3.12"	2.75"
0.75"	WEGHT2A	1.09"	3.26"	2.75"
1.0"	WEGNT2A	1.22"	3.25"	2.75"
1.5"	WEGUT2A	1.48"	3.45"	2.75"
2.0"	WEHBT2A	1.72"	3.45"	2.75"
2.5"	WEHLT2A	1.97"	3.45"	2.75"
3.0"	WEJFT2A	2.22"	3.45"	2.75"
4.0"	WEJVT2A	2.69"	3.45"	2.75"

SANITARY ZERO STATIC TEE ANGLE SAMPLE VALVES – SUBMERSIBLE TOGGLE SAFETY HANDLE CONFIGURATION

EXAMPLE: PART# **WEGCR2A*** - 3/8" HB **OUTLET** X 0.5" TRIPCLAMP RUN **INLET** ZERO STATIC TEE ANGLE SAMPLE VALVES



TECHNICAL SPECIFICATIONS

O-RING Material	Temperature °F (°C)	Chemical Rating			Temperature Rating			Steam Cycle Performance		
		Fair	Good	Excellent	Fair	Good	Excellent	Fair	Good	Excellent
EPDM	-22 - 203 (-30 - 95)	●				●		●		
VITON®	-4 - 392 (-20 - 200)			●		●		●		
RED. SILICONE	-60 - 400 (-51 - 204)	●					●		●	
CLR. SILICONE	-80 - 400 (-62 - 204)	●					●		●	
KALTRAZ®	53.6 - 347 (12 - 175)			●			●			●

Body	Bore (Inches)	Working Pressure lbs/in ² (kN/m ²)
Vent Valve	0.104	0 - 150 (0 - 1034)
Bleed Valve	0.187	
Sample Valve	0.370	

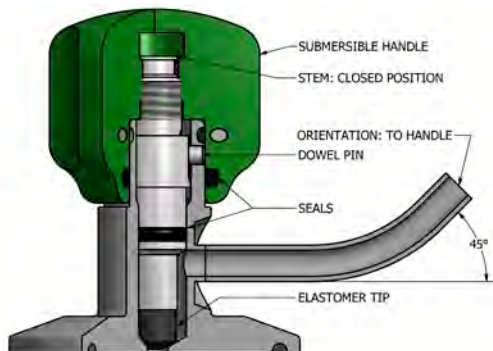
Viton® is a registered trademark of DuPont Performance Elastomers.
Kaltraz® is a registered trademark of Advant O Seal.

Notes:

- 1) Fluid Line Technology will recommend the seal material depending on the user's intended application, provided that the user supplies Fluid Line Technology with a worksheet declaring the media and process the valve will undergo.
- 2) Fluid Line Technology will not be made responsible for any selections of seal or tip materials made by any users that are inconsistent with factory recommendations.
- 3) All seal materials above are USP CLASS VI compliant.

OPTIONS

SANITARY ANGLE BLEED VALVE - SUBMERISBLE HANDLE PART NUMBER: 9BGSB2AMBKHTG



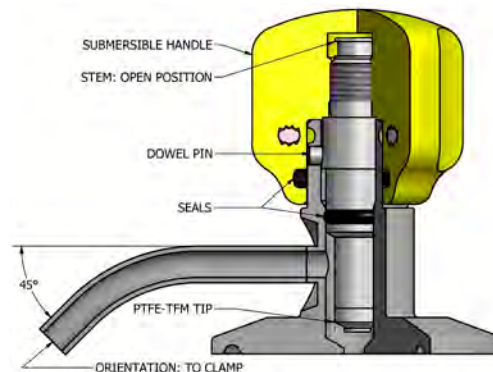
Fluid Line Bleed and Sample Valves have an **optional 45 degree bend** in their outlets, either to the handle or to the clamp. This is to optimize sampling on tanks, vessels, **bioreactor jackets**, draining distribution panels, or ergonomic point of use sampling.

Fluid Line valves have a **steam in place (SIP)** design option. Standard 1/4" steam ports can be added to the body. The elastomer tip design is screwed directly in the stem to hold the tip in place when steam cleaning applications are required. Please contact our sales representatives for part number configurations for SIP designs.

All valves are designed to have **minimum dead leg** in the closed position. Each valve will have only a **drop of fluid** remaining internally; depending on the fluid's viscosity and surface tension rating.

We offer **7 different handle colors** on all of our valves for **easy identification** during periodic system cleaning or flushing, use in hazardous lines, or preventative maintenance replacement cycles.

SANITARY ANGLE BLEED VALVE - SUBMERISBLE HANDLE PART NUMBER: 9BGSB2AMBKCHY



All Fluid Line **handle styles are interchangeable** in order to meet changing customer needs.

Submersible handles offer the ability for the **entire valve** to be **submersed for cleaning**. This saves time and labor by avoiding disassembly, allowing for bulk cleaning, and quick reassembly of production lines.

Toggle and **Toggle Safety** handles offer the convenience to sample "as needed". Toggle handles have a **quick fully-open** and **fully-closed** handle with the ability stay open as needed. Toggle Safety handles have the same quick design features, except that the valve is forced closed as soon as the handle is released.

Snap handles are a **low cost** alternative employing a quickly removable, three piece design. They are intended for general use with a 12-18 months **preventative maintenance cycle**. All Fluid Line valves are **fully customizable** to suit our individual customer's needs.

DOCUMENTATION

MATERIAL TEST REPORT

FLUID LINE TECHNOLOGY Rev 05/2015

Material Test Report

Job No: 16640 Date: 8/21/2015

Description: 1/2" ANXAW CONCENTRIC W/2.5" LONG PROBE WITH 1/2" FNPT 30 RA ID, 32 RA OD

Drawing No: 788UADZAD8 Serial No: 16640-1-100

Material: 316L SS

Finish: 20 RA ID, 32 RA OD

Qty: 100 Pcs.

Customer: DAVID

Site: 110000

Attn: DAVID

C	N	S	Mo	P	Si	Mn	Cr	Co	Mo
0.013	0.005	0.047	1.34	0.031	0.014	10.1	16.8	0.28	
Cu	Co	W	Al	Ca	Na	Fe	As	Se	
0.49	0.28	0.009	N/A	0.004	N/A	0.04	N/A	N/A	

Yield Strength	Tensile Strength	Elongation	Reduction of Area	Hardness
52,100	83,000	63	N/A	90

Remarks: Did not use electro-polishing or any special metal alloy which is liquid or ambient temperature with product or facility.

We hereby certify that the information disclosed in this certificate is true and correct to that of the original material test report supplied by the manufacturing mill.

Authorized representative: James Afford

9362 Eton Ave - Chatsworth, CA 91311 - Phone: 818-998-8848 - Fax: 818-998-6331 - www.fluidlinetech.com

WELD LOG

FLUID LINE TECHNOLOGY Rev 05/2015

Weld Log

Job No: 16640 Date: 8/21/2015

Description: 1/2" ANXAW CONCENTRIC W/2.5" LONG PROBE WITH 1/2" FNPT 30 RA ID, 32 RA OD

Drawing No: 788UADZAD8 Serial No: 16640-1-100

Material: 316L SS

Finish: 20 RA ID, 32 RA OD

Qty: 100 Pcs.

Customer: DAVID

Site: 110000

Attn: DAVID

Weld No.	Description	Size	Heat Code No.	Weld Date	Weld Inspector	Weld ID	Inspection	Re Ins.	Re Ins.
01	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	R1	25
02	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	N/A	N/A
03	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	N/A	N/A
04	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	R2	35
05	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	N/A	N/A
06	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	N/A	N/A
07	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	N/A	N/A
08	End Cap	1/2"	13457	8/16/14	WPS-FL-T9-C1760-003	0729	PASS	N/A	N/A

Filter Material Heat Code No. 1 Argon Heat Code No.

All welds performed are in accordance with PQR's established by Fluid Line Technology

Inspected by: Authorized representative

Qualified by: Fluid Line Technology

James Afford

9362 Eton Ave - Chatsworth, CA 91311 - Phone: 818-998-8848 - Fax: 818-998-6331 - www.fluidlinetech.com

CERTIFICATE OF COMPLIANCE FOR SURFACE FINISH

FLUID LINE TECHNOLOGY Rev 05/2015

Certificate of Compliance for Surface Finish

Job No: 16640 Date: 8/21/2015

Description: 1/2" ANXAW CONCENTRIC W/2.5" LONG PROBE WITH 1/2" FNPT 30 RA ID, 32 RA OD

Drawing No: 788UADZAD8 Serial No: 16640-1-100

Material: 316L SS

Finish: 20 RA ID, 32 RA OD

Qty: 100 Pcs.

Customer: DAVID

Site: 110000

Attn: DAVID

Mechanical Polish	Specifications
Inside Surface Polishing	20 RA
Outside Surface Polishing	32 RA

We hereby certify that the fittings and or components manufactured under the customer purchase order shown above, have been produced to the surface treatment specified.

Authorized representative: James Afford

9362 Eton Ave - Chatsworth, CA 91311 - Phone: 818-998-8848 - Fax: 818-998-6331 - www.fluidlinetech.com

CERTIFICATE OF COMPLIANCE FOR ELECTROPOLISHING

FLUID LINE TECHNOLOGY Rev 05/2015

Certificate of Compliance for Electropolishing

Job No: 16640 Date: 8/21/2015

Description: 1/2" ANXAW CONCENTRIC W/2.5" LONG PROBE WITH 1/2" FNPT 30 RA ID, 32 RA OD

Drawing No: 788UADZAD8 Serial No: 16640-1-100

Material: 316L SS

Finish: 20 RA ID, 32 RA OD

Qty: 100 Pcs.

Customer: DAVID

Site: 110000

Attn: DAVID

Electro Polish	Specifications
ID Electro Polish	☒ Yes ☐ No Fluid Line SOP FLT-1820 CA
OD Electro Polish	☒ Yes ☐ No N/A

We hereby certify that the fittings and or components manufactured under the customer purchase order shown above, have been produced to the surface treatment specified, which meet or exceed the Nonmandatory Appendix H of the ASME BPE-2012.

Authorized representative: James Afford

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CERTIFICATE OF COMPLIANCE FOR PASSIVATION

FLUID LINE TECHNOLOGY Rev 05/2015

Certificate of Compliance for Passivation

Job No: 16640 Date: 8/21/2015

Description: 1/2" ANXAW CONCENTRIC W/2.5" LONG PROBE WITH 1/2" FNPT 30 RA ID, 32 RA OD

Drawing No: 788UADZAD8 Serial No: 16640-1-100

Material: 316L SS

Finish: 20 RA ID, 32 RA OD

Qty: 100 Pcs.

Customer: DAVID

Site: 110000

Attn: DAVID

Passivation Procedure - Tank / Submersion Bath Application
Citrusol 3050 Pharmaceutical Grade

- Clean surface to be free of any oil or dirt.
- Submerge work piece in Citrusol 3050 bath.
 - ☒ Bath at ambient temperature, submerge work piece into passivation solution for 40 minutes.
 - ☐ Bath at 120°F to 149°F, submerge work piece into passivation solution for 15 to 30 minutes.
- Remove work piece from passivation tank and rinse in DI water. All surfaces must be free of any water films.

Citrusol 3050 meets all the requirements of the ASTM A967, ASTM A380, ASTM B460 AND AMS 2700 standards.

Passivated by: James Afford

Authorized representative: James Afford

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CERTIFICATE OF COMPLIANCE FOR HYDROSTATIC TEST

FLUID LINE TECHNOLOGY Rev 05/2015

Certificate of Compliance for Hydrostatic Test

Job No: 16640 Date: 8/21/2015

Description: 1/2" ANXAW CONCENTRIC W/2.5" LONG PROBE WITH 1/2" FNPT 30 RA ID, 32 RA OD

Drawing No: 788UADZAD8 Serial No: 16640-1-100

Material: 316L SS

Finish: 20 RA ID, 32 RA OD

Qty: 100 Pcs.

Customer: DAVID

Site: 110000

Attn: DAVID

Procedure:

- Cap all outlets and fill unit with water.
- Connect pressure test gauge to unit.
- Attach air line to gauge port.
- Pressurize the unit to 90 psi and lock valve on air line.
- Test unit under pressure for a minimum of 15 minutes.

PASS: ☒ The unit passed pressure test at 90 psi for 15 min.

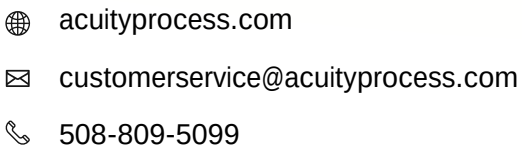
FAIL: ☐ The unit failed pressure test at 90 psi for 15 min.

Time: 11:59 AM 8/20/14

We hereby certify that the information disclosed in this certificate is true and correct and authorized in accordance with Fluid Line Technology Corporation.

Authorized representative: James Afford

9362 Eton Ave - Chatsworth, CA 91311 - Phone: 818-998-8848 - Fax: 818-998-6331 - www.fluidlinetech.com

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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