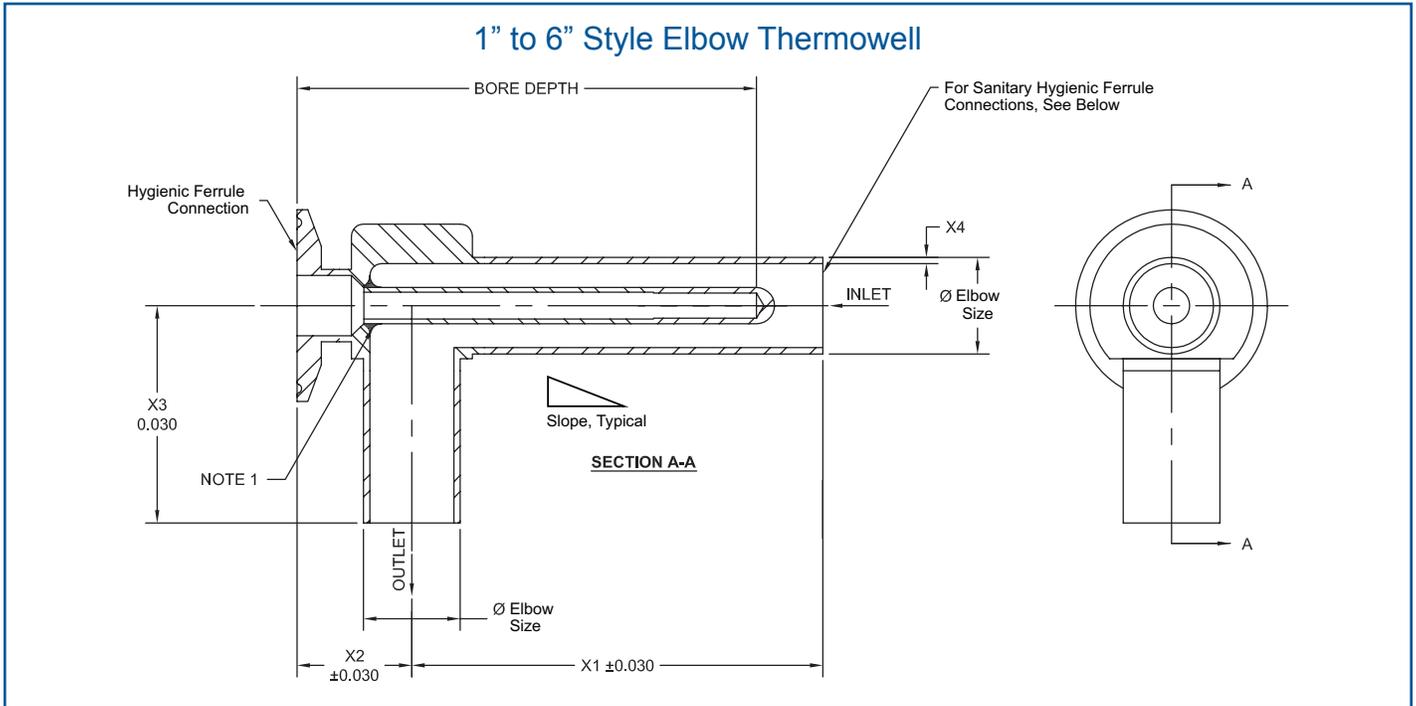


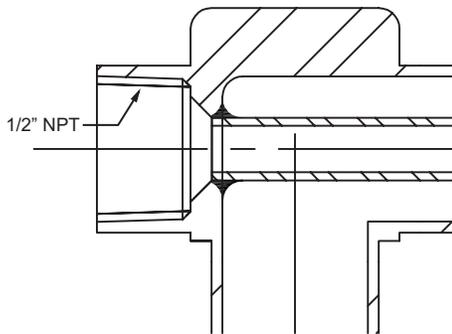
Sanitary Well Elbow (SWE)

1" to 6" Line Size (Straight Body) Well Specifications

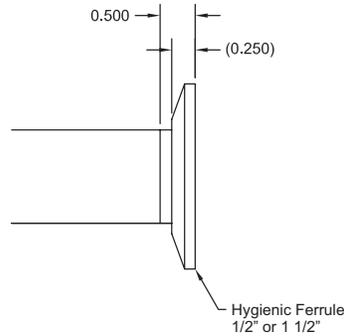
The SWE Straight Body design offers a range of sizes from 1 to 6 inches to support a wide range of processes. This design can be configured with hygienic ferrule or weld-end process connections and either a threaded or a hygienic ferrule sensor connection. The larger sizes are ideal for higher viscosity materials and ensure proper immersion for the most accurate temperature measurement. All SWE products include certification of wetted surface materials and surface finish.



Optional Threaded Sensor Connection



Optional Hygienic Ferrule Process Connection



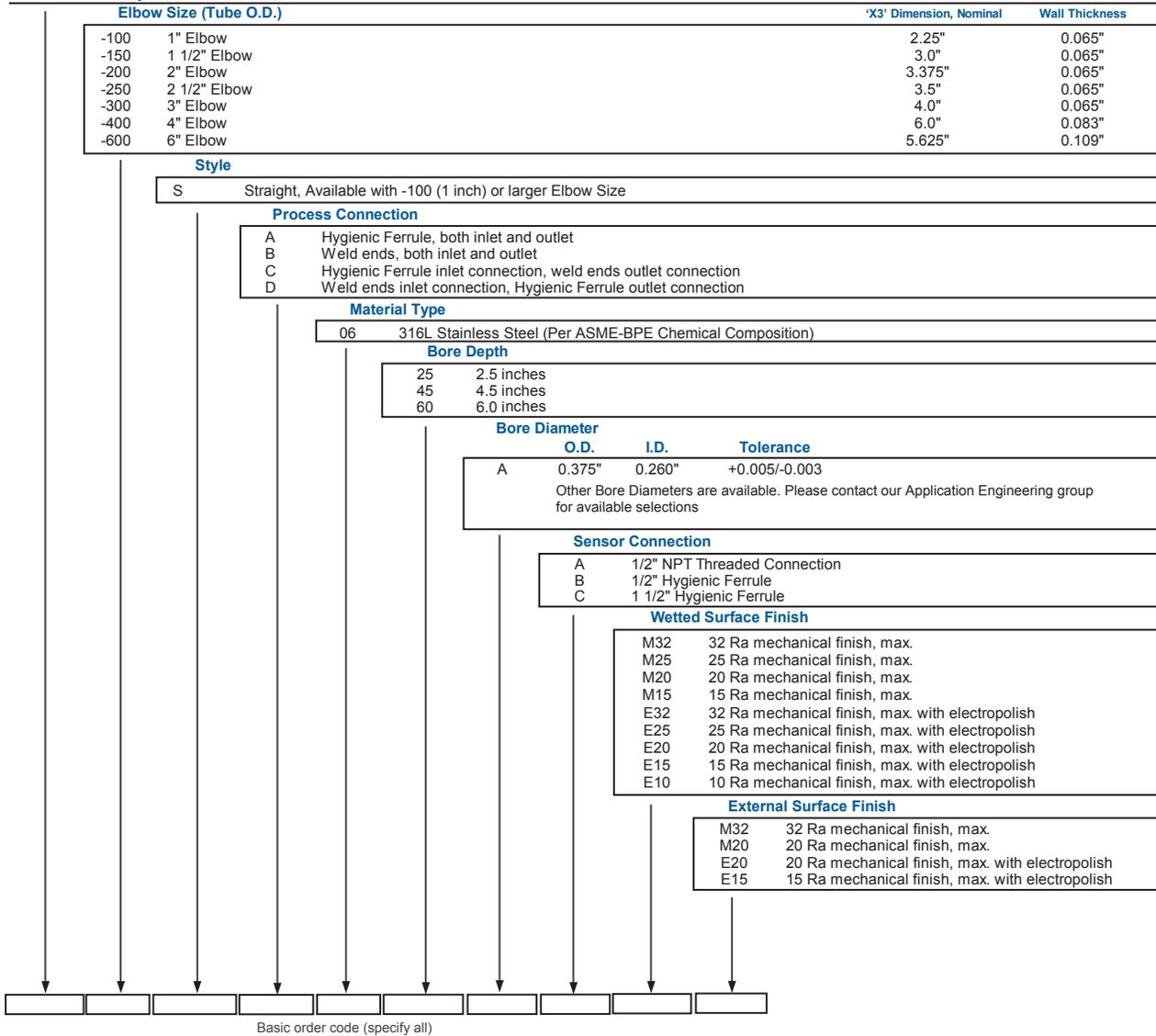
The Straight Body design SWE can be installed in any orientation providing the line slope is sufficient to ensure gravity drainability.

NOTE 1: This specific weld area will not fully comply with ASME-BPE due to accessibility limitations.

Sanitary Elbow (SWE)

1" to 6" Line Size, Ordering Information

SWE Sanitary Elbow Thermowells



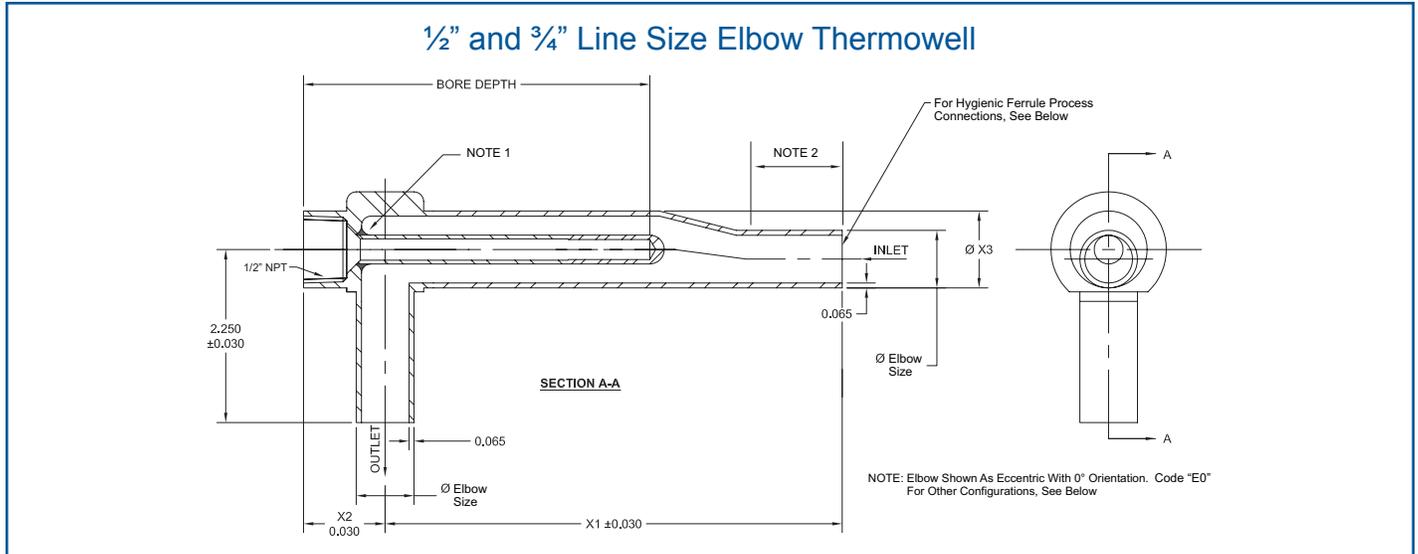
For All Process Connections, (A, B, C, D)

	'X1' Dimension, ±0.063	'X2' Dimension, Nominal
1" Elbow	bore depth - 0.25"	1.185"
1 1/2" Elbow	bore depth + 0.5"	1.435"
2" Elbow	bore depth + 0.875"	1.685"
2 1/2" Elbow	bore depth + 1.0"	1.935"
3" Elbow	bore depth + 1.5"	2.185"
4" Elbow	bore depth + 3.5"	2.75"
6" Elbow	5.625"	5.75"

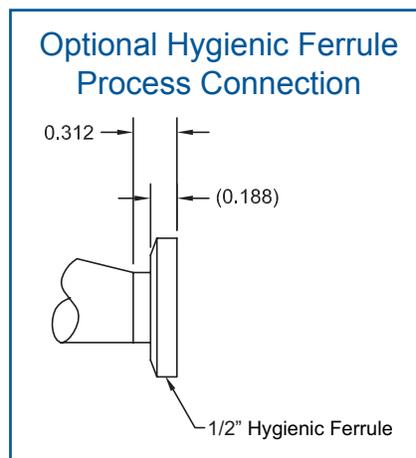
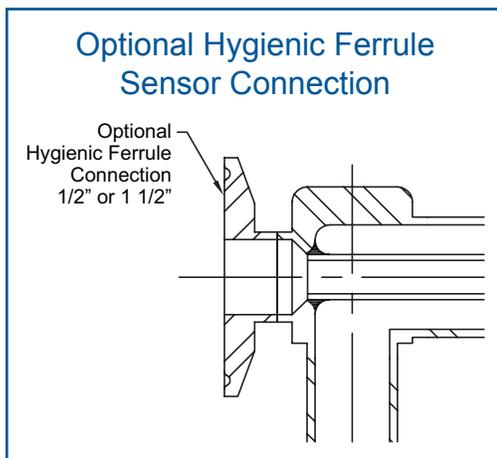
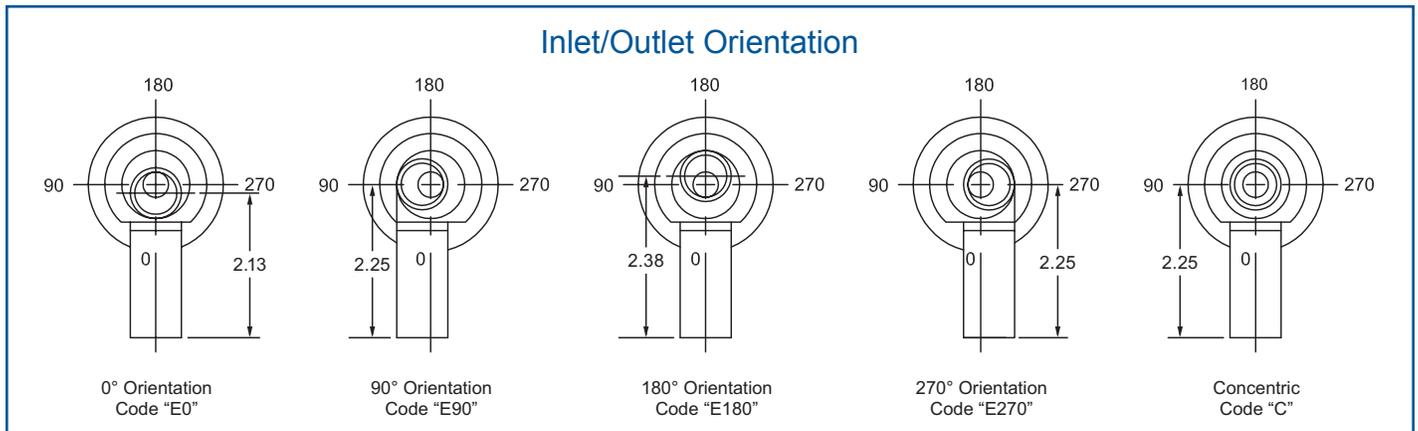
Sanitary Well Elbow (SWE)

1/2" and 3/4" Line Size (Reduced Body) Well Specification

This SWE Reduced Body design offers a process tube size reduced from a larger body to support installation in 1/2" and 3/4" line sizes. The reduced style of the body provides excellent immersion and ensures component drainability and minimal pressure drop. This design can be configured as concentric or eccentric for ease of installation. (NOTE 3) All SWE products include certification of wetted surface materials and surface finish.



All dimensions in inches.

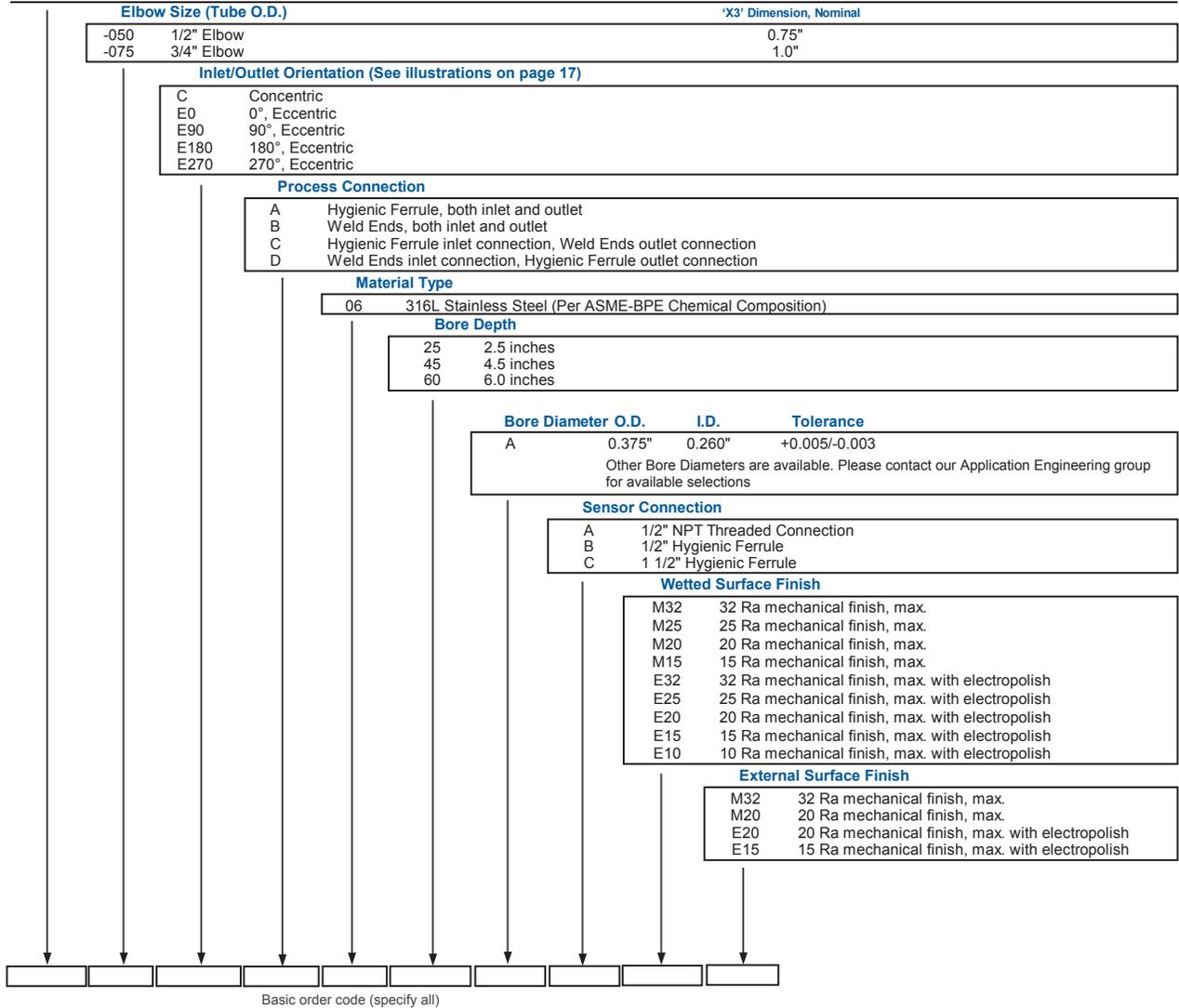


NOTE 1: This specific weld area will not fully comply with ASME-BPE due to accessibility limitations.
 NOTE 2: This length is 1.25" minimum for all Weld End process connections and nominally 0.312" for Hygienic Ferrule process connections.
 NOTE 3: For typical installation orientation for each configuration see the SWE Installation Manual at: www.BurnsEngineering.com/SWE-Installation.pdf

Sanitary Elbow (SWE)

1/2" and 3/4" Line Size, Ordering Information

SWE Sanitary Elbow Thermowells



Weld End Inlet Process Connection, (B & D)

	'X1' Dimension, ±0.063	'X2' Dimension, Nominal
1/2" Elbow	bore depth + 1.438"	0.935"
3/4" Elbow	bore depth + 1.438"	1.063"

Hygienic Ferrule Inlet Process Connection, (A & C)

	'X1' Dimension, ±0.063	'X2' Dimension, Nominal
1/2" Elbow	bore depth + 0.47"	0.935"
3/4" Elbow	bore depth + 0.35"	1.063"