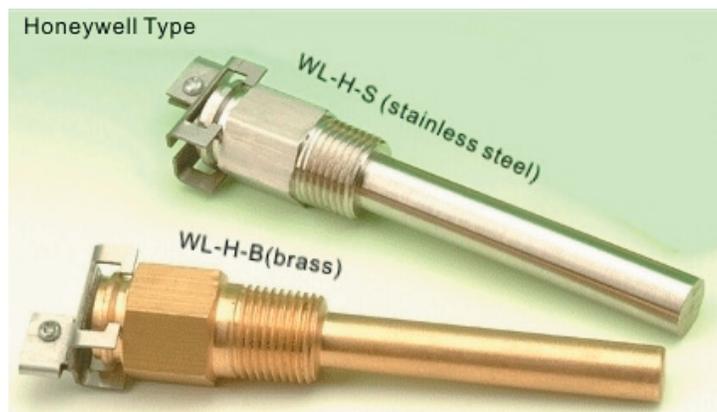


Wells

Descriptions

These thermowells are designed for mounting temperature sensors in pipes and tanks. The thermowells are designed to reduce the stress encountered in flowing fluid installation which produces a constantly oscillating force that can eventually crack a probe unless it is mounted in one of these wells. The wells are designed to handle this stress yet provide good thermal contact with the fluid. They also provide isolation, if the sensor needs to be serviced the system can remain in operation without having to drain down the lines.



Features & Options

- Three Lengths: 2", 4" and 8"(Fit standard Immersion Unit lengths)
- Stainless Steel (304 or 316) or Brass
- Two Part (Welded) or Machined Construction
- Other Lengths or Materials Available Upon Request
- Limited Lifetime Warranty

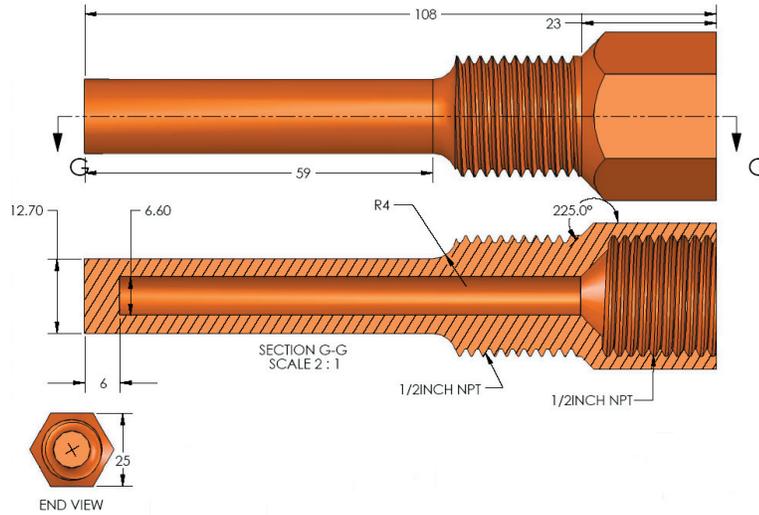
2 Part (Welded) TemcowellStandard Temcowells available from Temco include 304 stainlesssteel (machined), 316 stainless steel (machined), brass (machined),and two part (welded) stainless steel. These wells are offered in 2",4" and 8" lengths with 1/2" NPT external and 1/2" NPSM. Otherlengths and thread diameters are available upon request. The Thermowell chosen for the installation is governed mainly by the corrosion conditions the well will face. The machined stainless steel wells all come with a mirror polish to provide maximum corrosionresistance. Occasionally, the material consideration is one of strength rather than corrosion. Forexample, a machined stainless steel well may be required for high pressure water service where otherwise a brass or two part stainless steel well would be satisfactory from a corrosion standpoint. market require.

Well failures, in most cases, are not due to the effects of pressure or temperature on the well. The calcu-lationsneces-sary to provide adequate strength, under given conditions, are familiar enough to permit proper choice ofwall thickness and material. The values shown in Table 1 are conser-vative, and intended primarily as a guide.

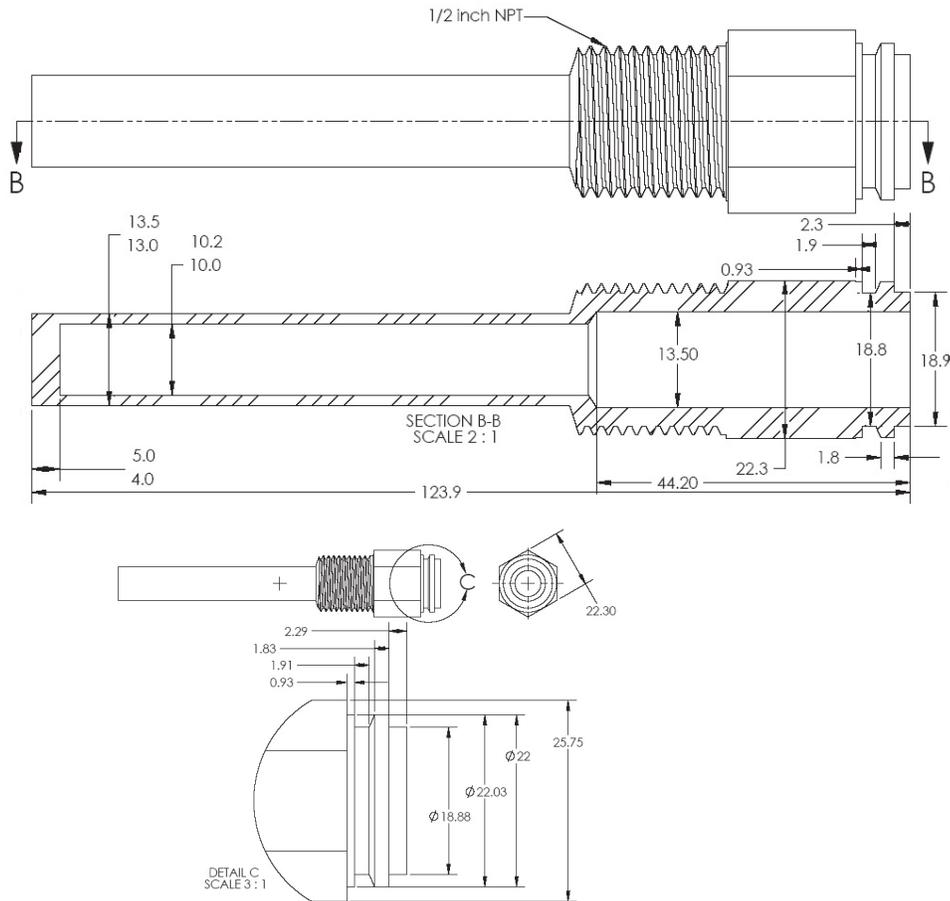
Wells are also safe if the resonant frequency is well below the wake frequency or if the fluid velocity is constantly fluctuating through the critical velocity point. Nevertheless, if the installation is not hampered by these of a sufficiently stiff well.

Dimensions

DDC Type:



Honeywell Type:



Ordering Information

WL-B-4	Brass well, 4" Length, 1/2" NPT thread, fits 6mm dia probes.
WL-B-6	Brass well, 6" Length, 1/2" NPT thread, fits 6mm dia probes.
WL-H-S	Stainless steel well, Honeywell type, 4" Length, 1/2" NPT thread, fits 3/8" dia probes.
WL-H-B	Brass Well, Honeywell type, 4" Length, 1/2" NPT thread, fits 3/8" dia probes.