

DANCAR CHECK VALVE SPECIFICATIONS

Maximum Working Pressure	500 psig
Burst Pressure	2500 psig
Working Temperature Range	-40F / 300F

Pressure Required to Open

½" Nominal	½ to 1 psi
¾" Nominal	½ to 1 psi
1" Nominal	½ to 1 psi
1 ¼" Nominal	2 psi
1 ½" Nominal	2 psi
2" Nominal	2-3 psi
2 ½" Nominal	2-3 psi
3" Nominal	2-3 psi
4" Nominal	2-3 psi NOTE: This is a 3" valve with 4" end flanges

These are upright bonnet position pressure ratings

Materials of Construction

Forged brass body and bonnet

Metal foil union bonnet seal (annealed copper) in sizes ½" – ¾"

Viton O-ring bonnet seals in sizes 1" and larger

316 stainless steel springs in sizes ½" – 1 ½"

Bronze springs in sizes 2" and larger

Brass piston in sizes ½" – 1"

Stainless steel piston in sizes 1 ¼" and larger

Teflon piston guides for all sizes

Brass seat holder for all sizes

Viton seat material for all sizes

Threaded bonnet for sizes ½" – 1"

Bolted bonnet for sizes 1 ¼" and larger

All other components are fabricated from brass bar stock or 316L stainless steel

NO cast materials are used

Copper tube extensions are type "L" unless otherwise specified

All Dancar valves are clean for Oxygen Service