



PART NO. 524 GPS SERIES

SPECIFICATION:

■ **PRESSURE:**

Inlet (Operating): 1500 to 3000 PSIG

Out (Regulated): 150 to 300 PSIG – raising curve (adjustable to customer specification)

Proof: 4500 PSIG

Burst: 7500 PSIG (min.)

■ **TEMPERATURE RANGE:**

Operating: -65 to + 160°F (-54 to + 71°C)

■ **MEDIUM:**

Dry air, carbon dioxide or nitrogen

■ **FLOW:**

Equivalent to .213 DIA. orifice

■ **LEAKAGE:**

Bubble tight up to max. operating pressure.

■ **LIFE:**

50 cycles (min.)

■ **WEIGHT:**

1.5 lb. (max.) without optional pressure gage (weight depends on model), gage protector shell (.09 lb), and siphon tube (.03 lb.)

■ **OPERATION:**

To arm: Engage cable ball end in pulley and inert 3/16 hex key in pulley socket. Rotate pulley counterclockwise with hex key until pin aligns with mark ▲. Detent will engage. To actuate: Pull cable. (Max. pull force required is 18 lbs.)

MATERIALS:

Anodized aluminum, stainless steel, soft seat, and Buna-N

APPLICATIONS:

Used when mechanical actuation/initiation of a pressure regulated gas flow is required. Typical applications include rapid inflation of life rafts and emergency slide evacuation systems for military and commercial aircraft.

Note: Other valve configurations with alternate feature orientations available upon request.

