

CTG Advanced Composite Hydraulic Accumulators

Performance Features

Materials

Lightweight carbon composite/aluminium hybrid shell. Viton diaphragm

Weight Saving

Up to 78% weight saving compared with equivalent steel accumulators

Operating Specification

Our high performance accumulators have an operating range of up to 220bar, an operating temperature of -30°C to 150°C and a compression ratio of 4:1

Special Requirements

We also cater for custom requirements outside of our standard range, please specify if required

Technical Features

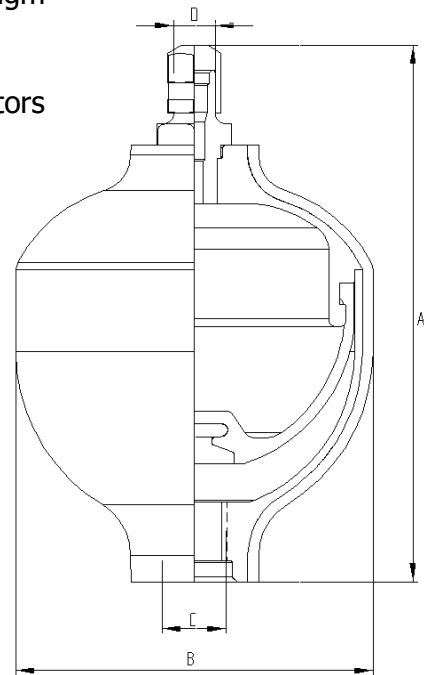
Gas Valve

Schrader high pressure valve with VG8** gas connection thread

Fluid Port

Standardised ISO 6149 port details (internal thread with O-ring seal)

Custom design solutions for internal/external threads available on request



Part number	Volume l	Max working pressure bar	Max pressure Ratio	Diaphragm Material	Dimensions				Mass	
					A mm	B mm	C Fluid	D Gas	Dry weight Kg	Approx Saving* %
ACC-010-220-V	0.10	220	4 to 1	Viton	104	68	M10 x 1.0	VG8	~0.18	77
ACC-030-220-V	0.30	220	4 to 1	Viton	125	97	M12 x 1.5	VG8	~0.42	75
ACC-050-220-V	0.50	220	4 to 1	Viton	141	106	M14 x 1.5	VG8	~0.52	74
ACC-075-220-V	0.75	220	4 to 1	Viton	163	117	M14 x 1.5	VG8	~0.66	77
ACC-100-220-V	1.00	220	4 to 1	Viton	195	117	M14 x 1.5	VG8	~0.73	79

*Saving Based on equivalent Steel Accumulator

** VG8 Thread (7.747 x 0.794)

The above information is only a guide, CTG reserves the right to change any of the above specifications. For more information please contact CTG directly.