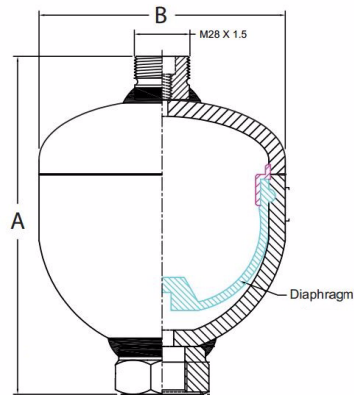


SOUTHCOTT DIAPHRAGM ACCUMULATORS



Construction: Welded seam
 Diaphragm: NBR - Alternatives available on request
 Installation: Mount in any position
 Working Temperature: -10°C to 80°C
 Maximum Allowable Pressure Ratio: <6:1
 Charging Thread: M28 x 1.5
 Charging Kit: See page K4

The diaphragm accumulator consists of a fluid section and a gas section with the diaphragm acting as a gas-proof screen. The fluid section is connected with the hydraulic circuit so that the diaphragm accumulator takes in fluid when pressure increases and the gas is compressed. When the pressure drops, the compressed gas expands and forces the stored fluid into the circuit.
 The diaphragm accumulator is regarded as a non-repairable unit.

Model Code: SDA - 0.16 - 210 - G12

Series _____
 SDA - Southcott Diaphragm Accumulator

Volume (Litres) _____
 0.16, 0.32, 0.5, 0.75, 1.0, 1.4, 2.0

Pressure (bar) _____

Port Size (BSPP) _____

Part Number	Nominal Volume L	Maximum Operating Pressure bar	Dimensions			
			A mm	B mm	Fluid Port BSPP	kg
SDA-0.075-210-G12	0.075	210	113	64	1/2"	0.8
SDA-0.16-210-G12	0.16		126	75		1.2
SDA-0.32-210-G12	0.32		143	93		1.5
SDA-0.5-210-G12	0.5		153	105		1.8
SDA-0.75-210-G12	0.75		169	120		2.6
SDA-1.0-210-G12	1.0		183	136		4.4
SDA-1.4-210-G12	1.4		205	150		5.3
SDA-2.0-210-G34	2.0		223	166	3/4"	6.6