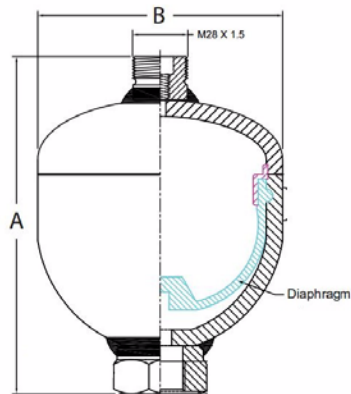


# SOUTHCOTT DIAPHRAGM ACCUMULATORS



**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 No.	Nominal Volume	Maximum Operating Pressure	Dimensions			
	(Litres)	(BAR)	A	B	Fluid Port (BSPP)	KG
<b>SDA-0.16-210-G12</b>	0.16	210	121	74	1/2"	0.8
<b>SDA-0.32-210-G12</b>	0.32	210	139	93	1/2"	1.3
<b>SDA-0.5-210-G12</b>	0.5	210	137	105	1/2"	1.7
<b>SDA-0.75-210-G12</b>	0.75	210	170	120	1/2"	2.8
<b>SDA-1.0-210-G12</b>	1.0	210	179	136	1/2"	3.6
<b>SDA-1.4-210-G12</b>	1.4	210	201	150	1/2"	5.4
<b>SDA-2.0-210-G12</b>	2.0	210	220	165	1/2"	6.6