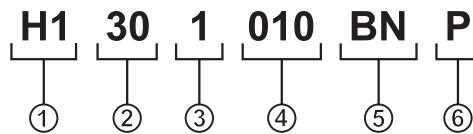


Bottom Repairable



Model Code



① Type

H1 - Standard, bottom repairable

② Pressure Rating

30 - (3000 psi)
50 - (5000 psi)

③ Port configuration

1 - NPT (not recommended)
2 - SAE
3 - SPF

④ Size

010 - 0.16L (10 in³)
030 - 0.473L (1 US pint)
060 - 0.946L (1 US quart)
230 - 3.79L (1 USgal.)
578 - 9.46L (2.5 USgal.)
05G - 18.9L (5 USgal.)
10G - 37.9L (10 USgal.)
11G - 41.62L (11 USgal.)
15G - 56.8L (15 USgal.)

⑤ Bladder Material

BN - Buna-N (std.)
VT - Viton
BL - Butyl
EP - EPR
CW - Cold weather
HL - Hydrin

⑥ Service

P - Petroleum oil
W - Water
S - Stainless steel
SPC - Special

Bladder Accumulators

- Accumulator parts are interchangeable with accumulators produced by other manufactures.
- Accumulator cannot be disassembled under pressure.

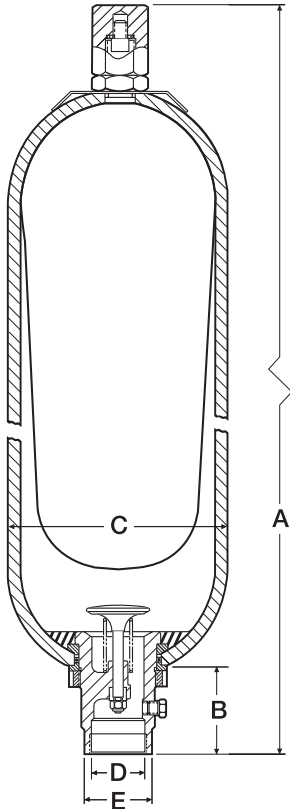
Major Component	Standard Material	Material Options*	Features
Shell	Chrome-Molybdenum Steel, SA-372 TYPE V, GR. I or II.	<ul style="list-style-type: none"> • Electroless-Nickel Plating 1.2 Mil. • Phenolic Resin Coating 	<ul style="list-style-type: none"> • Meets 4:1 safety requirements. • Homogenous seamless shell. • Integral pressure relief. • Available with foreign or domestic codes.
Bladder Assembly	Buna-Nitrile	<ul style="list-style-type: none"> • Butyl • Viton • EPR • Cold Weather • Hydrin 	<ul style="list-style-type: none"> • Fully enclosed bladder. • Molded steel valve stem. • Temperature range of Buna: -45° to 180° F.
Oil Port Assembly	AISI 4130	<ul style="list-style-type: none"> • Electroless-Nickel Plating • SA351, GR. CF8M, Stainless 	<ul style="list-style-type: none"> • Design has over 40 years of proven reliability,

*Some material options are at extra cost.

Bottom Repairable



Installation Dimensions



Standard Bladder Accumulator - 3000 PSI

Size (Gal.)	Gas Volume (In ³)	A (In.)	B (In.)	C (In.)	D (NPT)	E (In.)	Weight (Lbs.)
0.04	10	10.5	1.5	2.25	3/4	1.0625	4
0.13	30	9.75	2.125	3.5	3/4	1.25	6
0.25	73	11.5	2.125	4.5	1	1.625	10
1	235	17	3.5	6.75	1 1/4	2.375	34
2.5	600	21	3.5	9.0625	2	3	80
5	1203	33.25	3.5	9.0625	2	3	120
10	2259	54	3.5	9.0625	2	3	220
11	2535	59.5	3.5	9.0625	2	3	240
15	3440	77.5	3.5	9.0625	2	3	305

Standard Bladder Accumulator - 5000 PSI

Size (Gal.)	Gas Volume (In ³)	A (In.)	B (In.)	C (In.)	D (NPT)	E (In.)	Weight (Lbs.)
2.5	600	21.5	3.75	9.5625	2	3	120
5	1203	33.75	3.75	9.5625	2	3	220
10	2259	54.5	3.75	9.5625	2	3	335
15	3440	78	3.75	9.5625	2	3	485

Seal Kits

Model	Part Number
H1 30 060 BN	02-316870
H1 30 230 BN	02-316871
H1 30 578 BN	02-316872
H1 50 15G BN	02-316872

Fluid Port Repair Kits

Model	Part Number
H1 30 C 060 BN	02-316867
H1 30 D 230 BN	02-316868
H1 30 E 578 BN	02-316869
H1 50 E 15G BN	02-316869

Bladders

Model	Part Number
H1 30 060 BN	02-316860
H1 30 230 BN	02-316861
H1 30 578 BN	02-316862
H1 30 05G BN	02-316863
H1 30 10G BN	02-316864
H1 30 15G BN	02-316865
H1 50 578 BN	02-316866

Fluid Port

	1	2	3
	NPT	SAE	SPF
10 cu in Accumulators	3/4"-14	3/4"-16	N/A
1 Pint Accumulators	3/4"-14	1 1/16"-12	N/A
1 Quart Accumulators	1"-11 1/2	1 5/16"-12	N/A
1 Gallon Accumulators	1 1/4"-11 1/2	1 5/16"-12	1 1/4" CODE 61
2.5 to 15 Gal Accumulators	2"-11 1/2	1 7/8"-12	{ 1 1/2" CODE 62 2" CODE 61