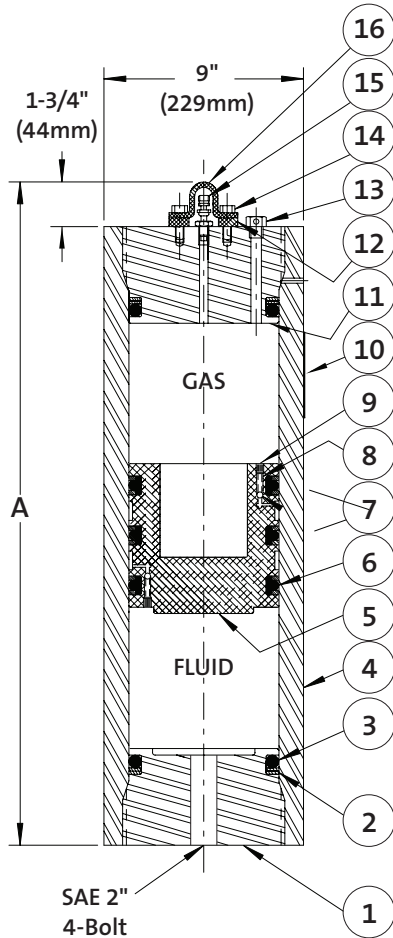


090A50 PISTON ACCUMULATORS

Model Number	Gas Capacity		Fluid Capacity		Dry Weight		Dimension A	
	In. ³	Cm. ³	Gallon	Liters	Lbs.	Kg.	Inch	mm
090A50-40ND1P	1,183	19,385	5	19	348	158	41	1,048
090A50-80ND1P	2,334	38,253	10	37	544	247	70	1,784
090A50-120ND1P	3,486	57,121	15	56	741	336	99	2,521
090A50-160ND1P	4,637	75,989	20	75	937	425	128	2,258

Fluid Capacities available for 2.5 to 50 gallons on request – Contact your sales representative for assistance.



Maximum working pressure 5,000 psi (345 bar)
 Maximum proof pressure 7,500 psi (517 bar)
 Minimum burst pressure 20,000 psi (1,379 bar)

Operating temperature (BUNA/Nitrile)
 -20° to +200°F (-28° to 93°C)

TOBUL ACCUMULATOR INCORPORATED
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FREUDENBERG
 SEALING TECHNOLOGIES

Item Number	Part Number	Description	Number Required
1	HF57MB25-P	Head, Fluid, 2" SAE 4 BOLT CODE 62	1
2	SB4T104	Seal, Backup, Teflon	2
3	SO4N104	Seal, O-ring, Head, BUNA	2
4	C72TB57-316	Cylinder, 090A50-40, 5 Gallon, 19 Liter	1
	C72TB57-548	Cylinder, 090A50-80, 10 Gallon, 37 Liter	
	C72TB57-780	Cylinder, 090A50-120, 15 Gallon, 56 Liter	
	C72TB57-1012	Cylinder, 090A50-160, 20 Gallon, 75 Liter	
5	P57MH33T	Piston, Aluminum, Three Ring	1
6	ST4N104Y	Seal, Piston, "T" Seal Assembly, BUNA/Nylon	3
7	3A-175	Ball, Check Valve, Piston	2
	SO1V.114	Seal, O-Ring, Fluorocarbon	2
8	4A-135	Spring, Check Valve, Piston	2
9	3A-24	Screw, Retaining, Check Valve	2
10	NP-300	Nameplate	1
11	HG57MB27-1	Head, Gas, ½-20	1
12	3A-400	Spacer, Gas, Guard	1
13	DR-ASSY-52	Optional Rupture Disk Assm, 5200 PSI	1
14	B-.37CB16S6-B	Bolt, Carbon Steel, 3/8-16 x 1 ¼	1
15	3A-285H	SS Valve, Gas, 5K, ½-20 UNF-3A	1
16	3A-754D	Guard, Valve, Aluminum	1

Complete seal kits

New Part Number	Type	Old Part Number
SK090A50-NT	BUNA-N	9A50-G40T-NST
SK090A50-VT	FKM (Viton®)	9A50-G40T-ETT
SK090A50-ET	BUTYL	9A50-G40T-HTT

Specify seal material by selecting appropriate material code: "N" = BUNA-N, "B" = BUTYL, "E" = EPR, "V" = FKM (Viton®)

Optional porting/mounting/piston seal configurations available on request