

Accumulator Safety Block For Isolation and Emergency Shut-Off

The **Accumulator Safety Block** is a multifunctional valve placed between the hydraulic accumulator and the operating system. Our modular design permits versatility for mounting and a host of connection options for all hydraulic accumulators. The safety block allows for isolation of the Accumulator for maintenance or system testing. Additionally, it can function as an emergency shut-off device or pressure relief valve to protect from over-pressurization and system failure. Accumulator pressure and volume can also be safely released through the safety block's **Manual OR Solenoid** bleed valve.

Selection Chart. Select the Bleed Valve type, Accumulator Side Connection and Discharge Side Connection types to determine Part Number.

Safety Block	Bleed Valve	Description	Accumulator Side Connection	Discharge Side Connection	Gauge
ASB					
ASB Standard Accumulator Safety Block core 	M Manually Operated E Solenoid Operated 24v DC Solenoid	Split Flange Kits (includes O-ring(s), bolts and washers)	FK3 2" Code 61	FK3 2" Code 61	G1 3000 psi dry
			FK6 1.5" Code 62	FK6 1.5" Code 62	G2 3000psi liquid fill SS
		Adapter Connector Kits 3000 psi (includes Split Flange Kit)	A31 2" NPT (female)	A31 2" NPT (female)	G3 5000 psi dry
			A36 1 7/8"-12 SAE (male)	A36 1 7/8"-12 SAE (male)	G4 5000 psi liquid fill SS
		Adapter Connector Kits 6000 psi (includes Split Flange Kit)	A61 1 5/8"-12 SAE (male)	A61 1 5/8"-12 SAE (male)	G5 6000 psi dry
			A62 1 7/8"-12 SAE (male)	A62 1 7/8"-12 SAE (male)	G6 6000 psi liquid fill SS
	E1 110v/115v AC solenoid	Four Bolt Flange Adapter Plate Kits (includes O-ring, bolts and washers)	P31 2" NPT (female)	P31 2" NPT (female)	00 (None)
			P61 1.5" NPT (female)	P61 1.5" NPT (female)	
			P66 1 7/8"-12 SAE (female)	P66 1 7/8"-12 SAE (female)	
		No Connection (Block is drilled for Split and four-bolt flanges)		000 (None)	000 (None)

Component Parts (When ordered separately from the block)			
Connectors	Size /Type Thread	Kit Part No.	Component Part No.
Split Flange Kits (includes O-ring(s), bolts and washers)	2" Code 61	AI-SB-FK3	
	1.5" Code 62	AI-SB-FK6	
Adapter Connector Kits 3000 psi (includes Split Flange Kit)	2" NPT (female)	AI-SB-AK31	AI-SB-A31
	1 7/8"-12 SAE (male)	AI-SB-AK36	AI-SB-A36
Adapter Connector Kits 6000 psi (includes Split Flange Kit)	1 5/8"-12 SAE (male)	AI-SB-AK61	AI-SB-A61
	1 7/8"-12 SAE (male)	AI-SB-AK62	AI-SB-A62
Four Bolt Flange Adapter Plate Kits (includes O-ring, bolts and washers)	2" NPT (female)	AI-SB-PK31	
	1.5" NPT (female)	AI-SB-PK61	
	1 7/8"-12 SAE (female)	AI-SB-PK66	
Attachments	3000 psi	6000 psi	
Split Flange Bolts (4)	AI-SB-M01	AI-SB-M02	
Adapter Plate Bolts (4)	AI-SB-M03	AI-SB-M04	
Bolts Washers (4)	AI-SB-M05	AI-SB-M06	

O-Ring Designations For the Split Flanges

2" Code 61 AI-SF3-410
1.5" Code 62 AI-SF6-410

For Adapter Connectors 3000 psi
(male side)
1 7/8"-12 SAE AI-A36-410

For Adapter Connectors 6000 psi
(male side)
1 7/8"-12 SAE AI-A62-410
1 5/8" SAE AI-A61-410

For the Four Bolt Flanges
2" NPT AI-SF3-410
1.5" NPT AI-SF6-410
1 7/8"-12 SAE AI-SF6-410

Replacement Solenoid Cartridge Valve
ASB-E-404

**Note: Custom Parts are available
for special applications
at additional cost and extended lead times.**