

# Accumulator Safety Block



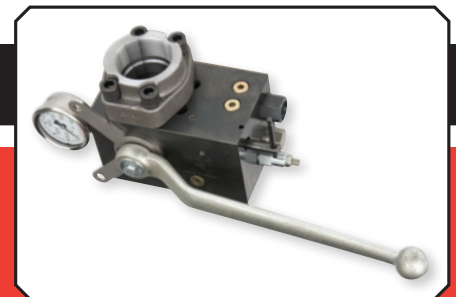
## Safety. Quality. Flexibility.

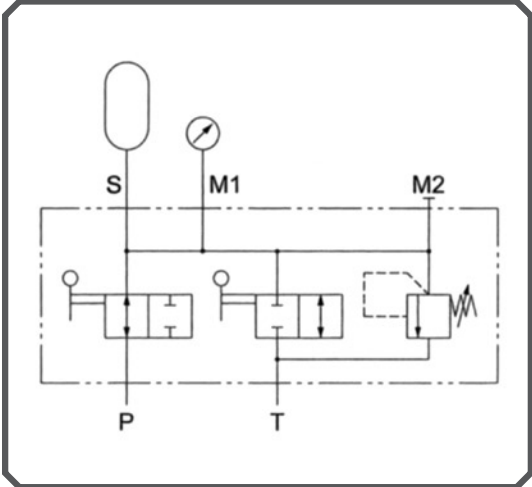
The Accumulator Safety Block is a multifunctional valve placed between the hydraulic accumulator and the operating system. Its modular design permits versatility for mounting and a host of connection options for all hydraulic accumulators. The safety block allows for isolation of the accumulator during maintenance or system testing. Additionally, it can function as an emergency shut-off device and 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 bleed valve.

- Compatible with Bladder, Float, Diaphragm or Piston Accumulators
- Available with manual or solenoid operated bleed valve
- Fits any size accumulator from six cubic inches to 160 gallons
- Rated for system working pressure up to 5800 psig
- Optional bolt adapters accommodate a variety of connections for the inlet and outlet sides: NPT, SAE, Split Flange or custom design
- Suitable for hydraulic oil, mineral oil, high water based fluids or other hydraulic fluids

For more information, contact our Sales Department at 713.465.0202 or [info@accumulators.com](mailto:info@accumulators.com).

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Safety Block	Bleed Valve		Accumulator Side Connection	Discharge Side Connection	Gauge
ASB					
ASB Standard Accumulator Safety Block Core		Split Flange Kits (includes O-ring(s), bolts & washers)	FK3 2" Code 61	FK3 2" Code 61	G1 3000 psi dry
			FK6 1.5" Code 62	FK6 1.5" Code 62	G2 3000 psi liquid filled SS
	M Manually Operated	Adapter Connector Kits 3000 psi (includes Split Flange Kit)	A31 2" NPT (female)	A31 2" NPT (female)	G3 5000 psi dry
	E Solenoid Operated		A36 1 7/8"-12 SAE (male)	A36 1 7/8"-12 SAE (male)	G4 5000 psi liquid filled 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 filled SS
		Four Bolt Flange Adapter Plate Kits (includes O-ring, bolts & 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 & washers)	2" NPT (female)	AI-SB-PK31	
	1.5" NPT (female)	AI-SB-PK61	
	1 7/8"-12 SAE (female)	AI-SB-PK66	
<b>ATTACHMENTS</b>	<b>3000 psi</b>	<b>6000 psi</b>	
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 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 Four Bolt Flanges

2" NPT AI-SF3-410  
1.5" NPT AI-SF6-410  
1 7/8"-12 SAE AI-SF6-410

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