Accumulator Safety Block, Model : ASB

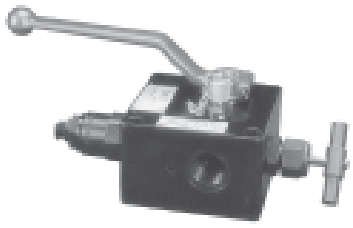
Ref. No : H05648, Release Jan 2006 (Dimensions in mm)

the right connection

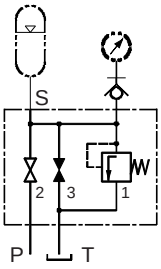
Description

The block is intended for protection, isolation and depressurization of a hydraulic accumulators.

Compact, block - shaped unit with adjustable Relief valve.

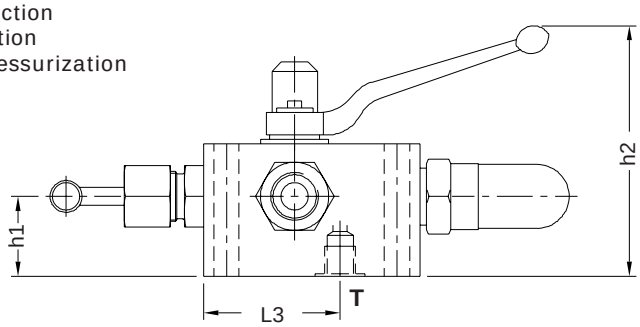


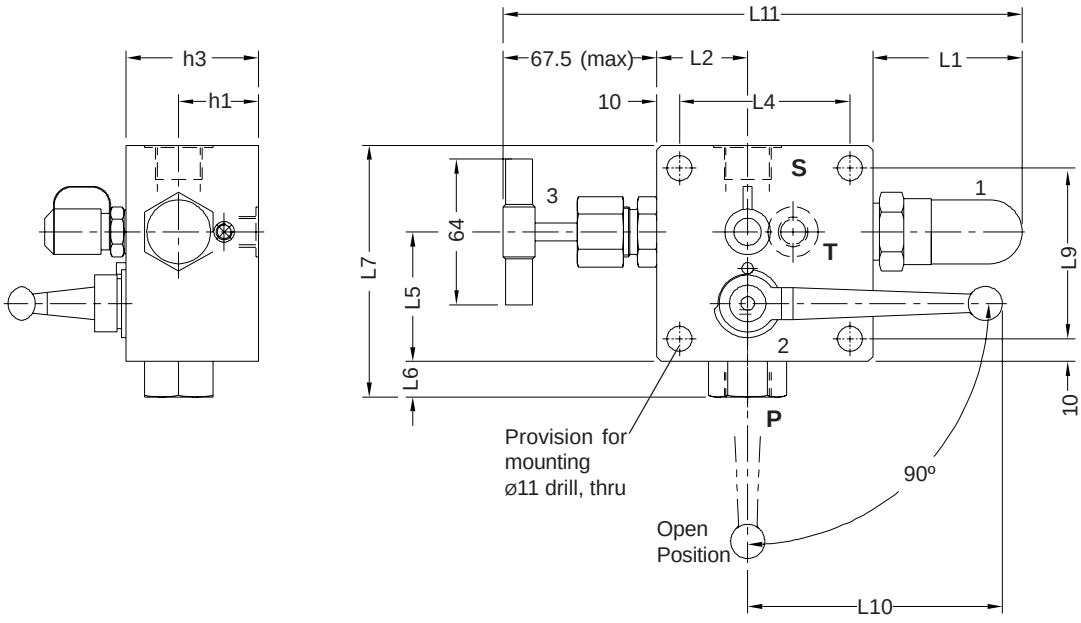
Unit Dimensions



1. Pr. Relief Valve - For protection
2. Ball Valve - For Isolation
3. Shut off Valve - For depressurization

Hydraulic Symbol





Ordering Code	L1	L2	L3	L4	L5	L6	L7	L9	L10	L11	h1	h2	h3	S	P	T
ASB10	65	40	60	75	57	15.5	110.5	75	112	227.5	35	110	58	G 1/2, 15 deep	G 1/2, 15 deep	G 1/4, 13 deep
ASB20	80	41	69	90	67	16.5	121.5	85	187	295.5	39	128	70	G 3/4, 17 deep	G 3/4, 17 deep	G 3/8, 13 deep
ASB32	80	41	69	90	67	38.0	158.0	100	187	295.5	39	128	70	G1.1/4, 21 deep	G1.1/4, 21 deep	G 3/8 13 deep

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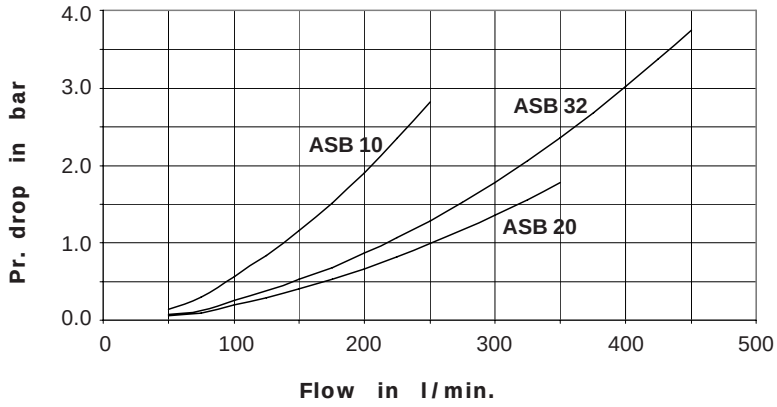
Technical Specifications

Construction	1. Relief Valve - Poppet type. (Metal to metal sealing) 2. Ball Valve - Ball and synthetic seat type. 3. Shut off Valve - Seat type. (Metal to metal sealing)
Mounting style	Threaded ports.
Interface	Factory standard.
Mounting position	Optional
Flow direction	Port 'P' to 'S' and Port 'S' to 'P'
Operating pressure	Port `P' and port `S' - 350 bar. Port `T' — — — —- 16 bar
Pressure setting ranges	0 to 25, 50, 100, 200 and 350 bar
Hydraulic medium	Mineral oil.
Viscosity range	10 cSt to 380 cSt.
Fluid temperature range	-20 °C to +70 °C
Fluid cleanliness requirement	As per ISO 19/16 or better.
Mass	**ASB 10** 4.5 Kg. **ASB 20** 7.0 Kg. **ASB 32** 8.0 Kg.
Flow handling capacity	Refer graph

Expected performance curves

Oil used : ISO VG 68,

Viscosity : 68 cSt @ 40 °C



Ordering Code

ASB	10	200	–	–	2.0

Accumulator Safety Block

Size
DN 10 - 10
DN 20 - 20
DN 32 - 32

Seals	
Omit	Nitrile
V	FKM

Pressure Setting (bar)
25
50
100
200
350

Design Series
Subject to revision