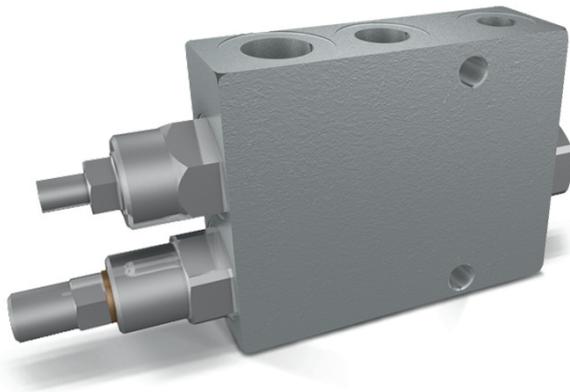
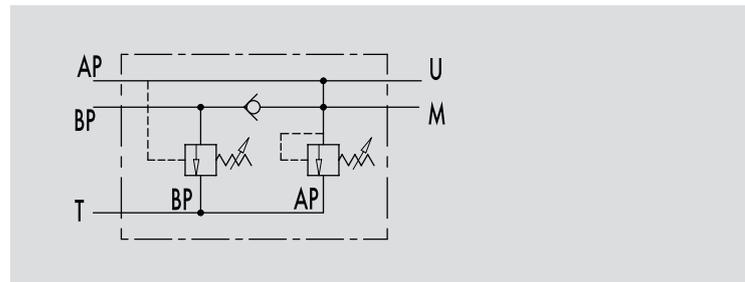


## Hochdruck-Niederdruck-Abschaltventil - Leitungsmontage

TYPE  
**VABP**



HYDRAULIC DIAGRAM



## TWO PUMP "HI-LOW" UNLOADING VALVES

### USE AND OPERATION:

This valve is used in a 2 parallel-working pumps circuit in order to release the excess of the higher flow pump to the tank when this gets the required pressure setting. Since this moment and on the actuator works with the lower flow pumps at higher pressure, consuming less energy.

### MATERIALS AND FEATURES:

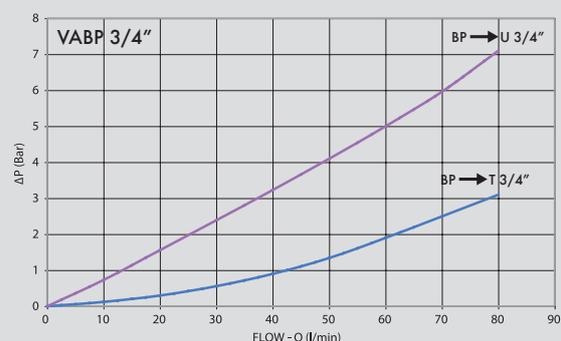
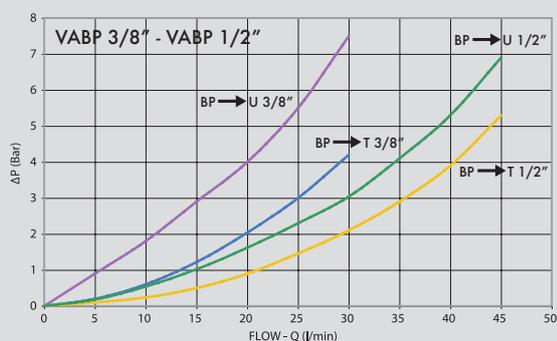
Body: zinc-plated steel  
Internal components: grounded and hardened steel  
Seals: BUNA N standard  
Tightness: minor leakage

### APPLICATIONS:

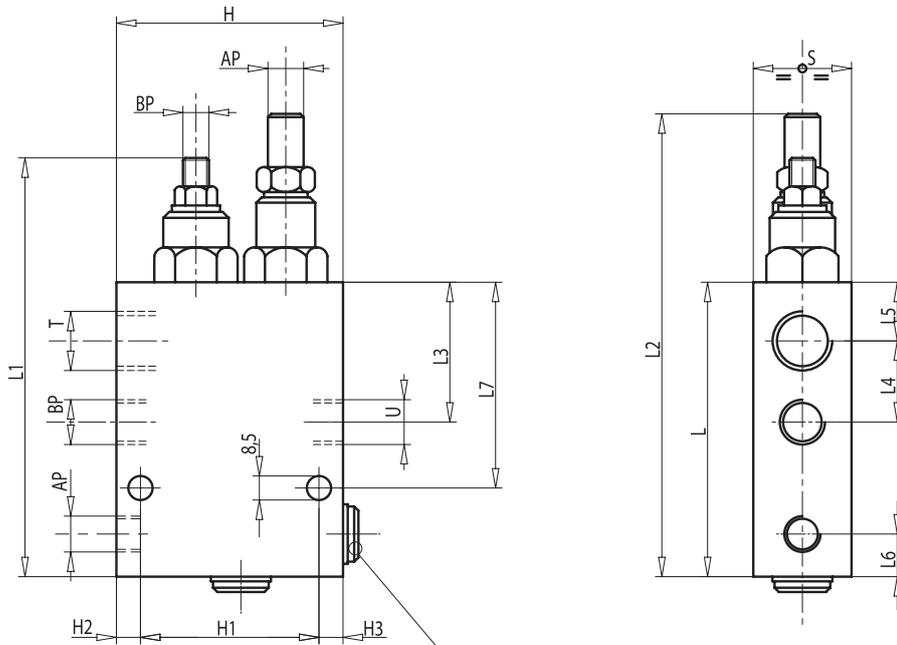
Connect BP to the higher flow pump, AP to the lower flow pump, T to the tank, M to the eventual manometer and U as for necessity.

### PRESSURE DROPS CURVE

Oil temperature: 50° C - Oil viscosity: 30 cSt



CODE	TYPE	MAX FLOW Lt. / min			MAX PRESSURE Bar	WEIGHT Kg
		AP	BP	T		
<b>V0512</b>	VABP 3/8"	20	40	60	300	1,748
<b>V0513</b>	VABP 1/2"	30	50	80	350	2,342
<b>V0514</b>	VABP 3/4"	40	80	120	350	3,970



capped port for eventual manometer montage

**STANDARD SPRINGS**

VALVOLA VALVE	BP (BAR)	AP (BAR)
VABP 3/8"	20-80	50-350
VABP 1/2"	20-80	50-350
VABP 3/4"	20-80	50-330

CODE	TYPE	AP GAS	BP GAS	U GAS	T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	L7 mm	H1 mm	H2 mm	H3 mm	H mm	S mm
<b>V0512</b>	VABP 3/8"	G 1/4"	G 3/8"	G 3/8"	G 1/2"	100	142	155	50	30	20	13	69	65	8,5	6,5	80	30
<b>V0513</b>	VABP 1/2"	G 3/8"	G 1/2"	G 1/2"	G 3/4"	105	147	160	54	36	18	15	73	65	17	8	90	35
<b>V0514</b>	VABP 3/4"	G 1/2"	G 3/4"	G 3/4"	G 1"	140	187	212	52,5	42,5	20	20	95	65	27	8	100	40