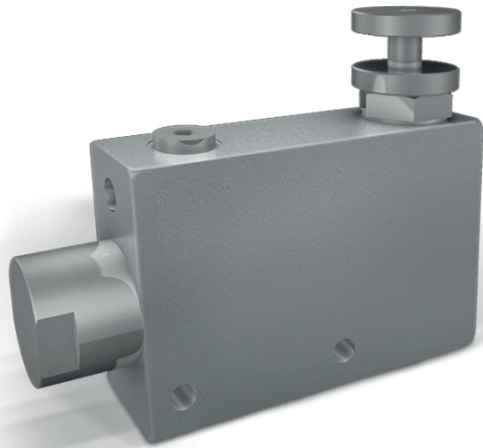




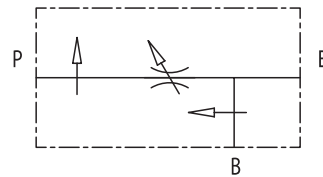
# 3 Port Pressure Compensating Flow Control with bypass to line

This valve enables to keep “P” flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained in “B” and it is available for a second use. Also port “B” is insensitive to pressure changes but not to flow changes.

TYPE  
**VPR3**



HYDRAULIC DIAGRAM



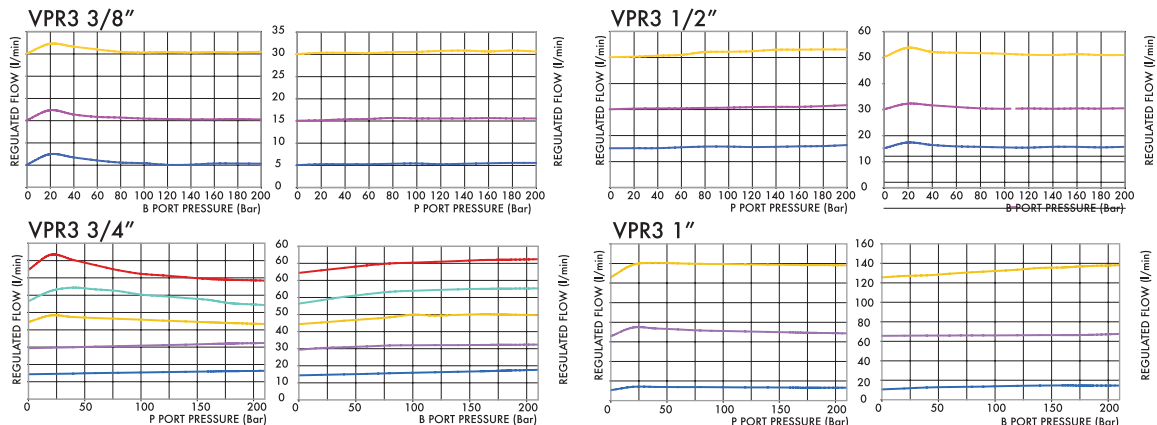
## MATERIALS AND FEATURES:

- Body: zinc-plated steel
- Internal parts: hardened and ground steel
- Seal: BUNA N standard
- Tightness: by diameter combination. Minor leakage (few drops per minute)

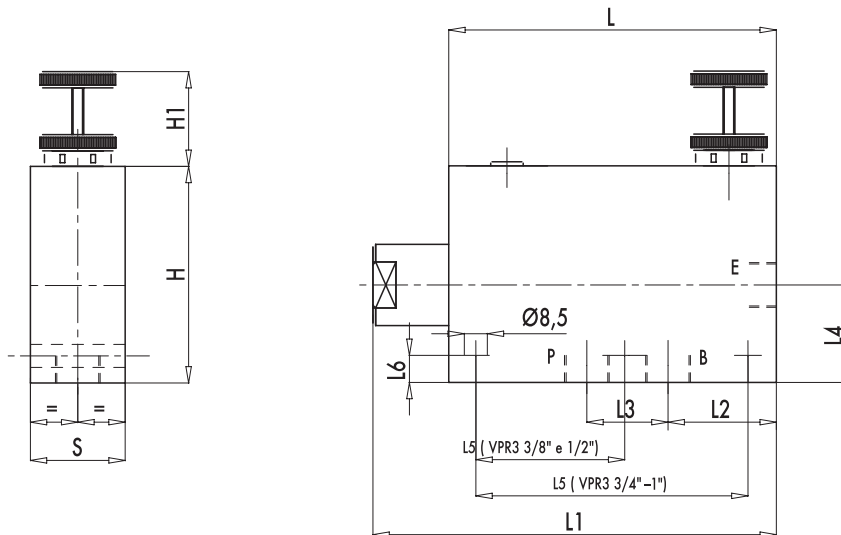
## APPLICATIONS:

Connect E to the pressure flow and P to the actuator or to a line of an hydraulic circuit where flow adjustment is needed. Connect B to the tank or to a second actuator. To adjust inlet pressure in P screw in or off hand wheel after loosening the locknut.

## COMPENSATION CURVE



CODE	TYPE	MAX INLET FLOW Lt. / min	MAX ADJUSTED FLOW Lt. / min	MAX PRESSURE Bar
<b>V1060</b>	VPR3 3/8"	60	50	350
<b>V1070</b>	VPR3 1/2"	80	60	350
<b>V1080</b>	VPR3 3/4"	120	100	350
<b>V1090</b>	VPR3 1"	200	170	350



CODE	TYPE	E · P · B GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	H1 mm	S mm	WEIGHT kg
<b>V1060</b>	VPR3 3/8"	G3/8"	121	147	40	32	36	55	12	80	35	35	2,530
<b>V1070</b>	VPR3 1/2"	G1/2"	121	147	37	36	36	55	12	80	35	35	2,470
<b>V1080</b>	VPR3 3/4"	G3/4"	155	187	50	44	37	115	10	90	35	50	4,958
<b>V1090</b>	VPR3 1"	G1"	155	187	46	58	47	115	12	100	35	50	5,268