Druckreduzierventile

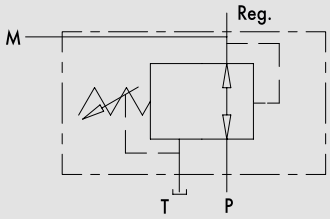
PRESSURE REDUCING VALVES

Druckreduzierventil

TYPE

VRP

HYDRAULIC DIAGRAM



PRESSURE REDUCING VALVE, DIRECT ACTING POPPET

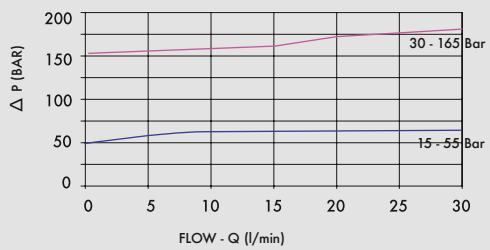
USE AND OPERATION:
This valve allows to preserve constant the pressure downstream, regardless of the upstream pressure.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard
Leakage: 70 cc/min (350 Bar to port P)

APPLICATIONS:
Connect P to the main circuit, the port Reg. to the circuit where you want to reduce pressure and port T to the tank.

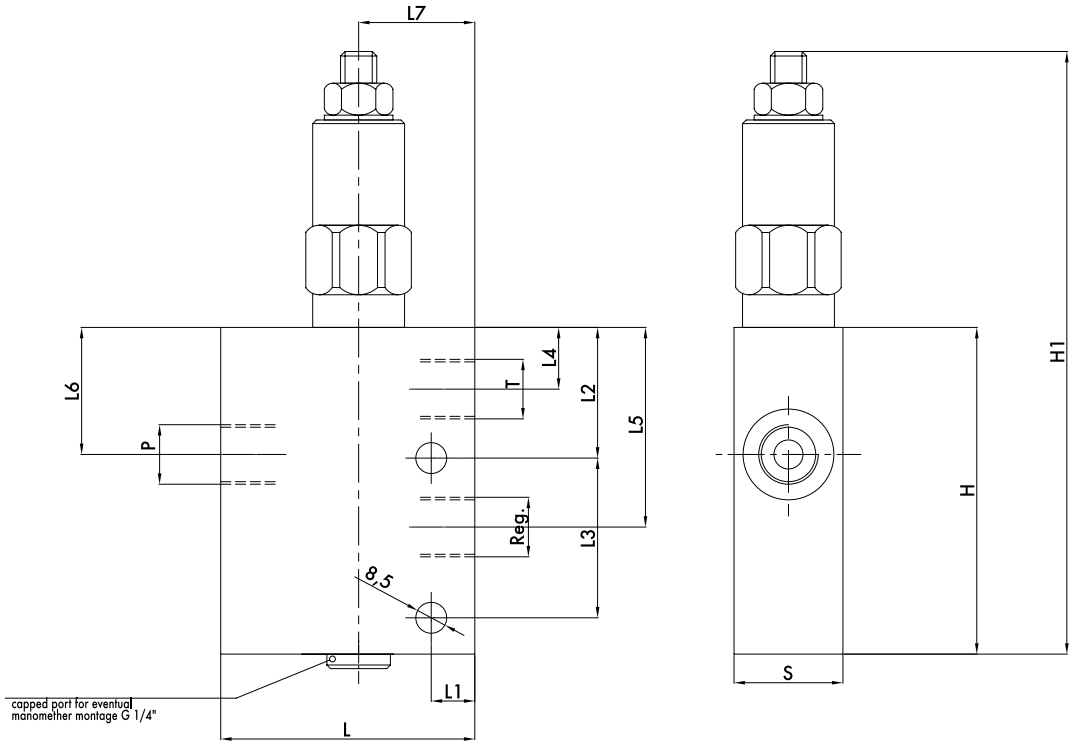
PRESSURE /FLOW

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



CODE	TYPE	MAX FLOW Lt. / min	MAX PRESSURE Bar
V0704/000*	VRP 3/8"	30	350
V0706/000*	VRP 1/2"	30	350

*000 = please specify the desired setting range. See the table below.



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CODE	TYPE	P - T - Reg GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	L7 mm	H mm	H1 mm	S mm	WEIGHT Kg
V0704/000*	VRP 3/8"	3/8"	70	12	36	44	17	55	35	32	90	168	30	1,530
V0706/000*	VRP 1/2"	1/2"	70	12	36	44	17	55	35	32	90	168	30	1,468

CODE	SETTING RANGE (Bar)
COD/055	15 - 55
COD/165	30 - 165

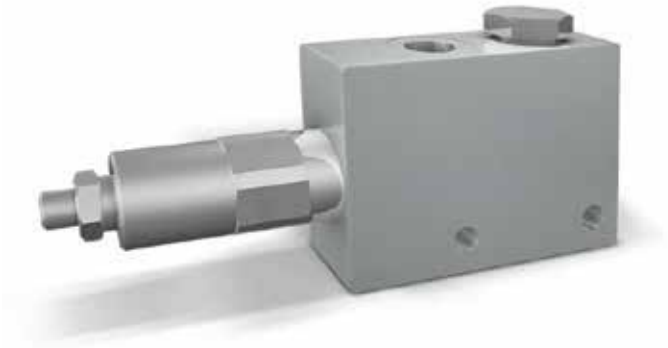
ADJUSTEMENT

CODE/V	• Handknob
CODE/PP	• Arranged for sealing cap
CODE/PP	• Sealing cap

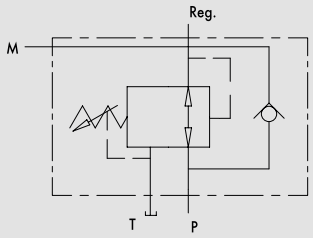
Druckreduzierventil mit Umgehungsrückschlagventil

TYPE

VRPRL



HYDRAULIC DIAGRAM



DIRECT ACTING PRESSURE REDUCING VALVE WITH CHECK VALVE

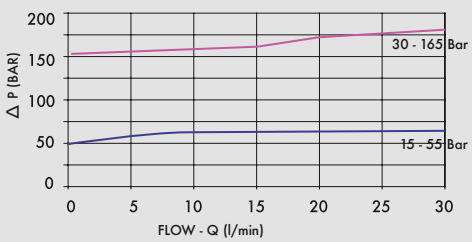
USE AND OPERATION:
This valve allows to preserve constant the pressure downstream, regardless of the upstream pressure. The check valve allows the free return of the oil.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard
Leakage: 70 cc/min (350 Bar to port P)

APPLICATIONS:
Connect C to the main circuit, the port Reg. to the circuit where you want to reduce pressure and port T to the tank.

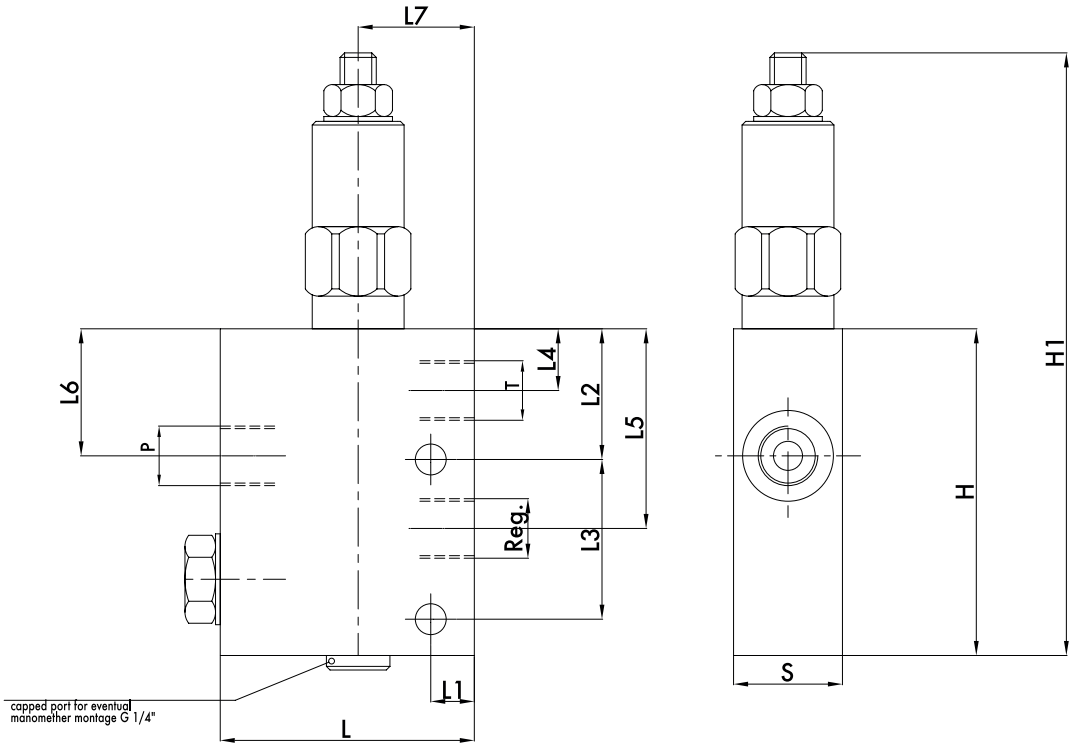
PRESSURE/FLOW

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



CODE	TYPE	MAX FLOW Lt. / min	MAX PRESSURE Bar
V0705/000*	VRPRL 3/8"	30	350
V0707/000*	VRPRL 1/2"	30	350

*000 = please specify the desired setting range. See the table below.



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CODE	TYPE	P - T - Reg GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	L7 mm	H mm	H1 mm	S mm	WEIGHT Kg
V0705/000*	VRPRL 3/8"	3/8"	70	12	36	44	17	55	35	32	90	168	30	1,530
V0707/000*	VRPRL 1/2"	1/2"	70	12	36	44	17	55	35	32	90	168	30	1,468

CODE	SETTING RANGE (Bar)
COD/055	15 - 55
COD/165	30 - 165

ADJUSTEMENT

CODE/V	• Handknob
CODE/PP	• Arranged for sealing cap
CODE/PP	• Sealing cap