Bestellnr.	Typ	Bezeichnung	Gehäuse	max. Betriebs-druck bar	max. Durch-fluss l/min	Code
230-0410-1620	VEP 100/TS-TV.S	1"-Einstellb. 50-220+20-80bar-Hutmutter	Alu	210	180 (150 + 50)	1220051100
230-0410-1625	VEP 100/TR-TV.S	1"-Einstellb. 180-350+20-80bar-Hutmutter				1220051101
230-0410-1630	VEP 100/TS-TB.S	1"-Einstellb. 50-220+5-40bar-Hutmutter				1220051102
230-0410-1635	VEP 100/TR-TS.S	1"-Einstellb. 180-350+50-220bar-Hutmutter				1220051105
230-0410-1640	VEP 100/TR-TB.S	1"-Einstellb. 180-350+5-40bar-Hutmutter				1220051106
230-0410-1645	VEP 100/TR-TV.S/ac	1"-Einstellb. 180-350+20-80bar-Hutmutter	Stahl	350		1220052101
230-0410-1650	VEP 100/TS-TV.S/ac	1"-Einstellb. 50-220+20-80bar-Hutmutter				1220052104

VEP 100

• DIMENSIONS (mm)

VEP	U	M	T	Ap	Bp
100	G 1"	G 1/4	G1" 1/4	G 3/4	G 1"

• HYDRAULIC DIAGRAM

• ASSEMBLY DIAGRAM

• DESCRIPTION

High/Low pressure cut-out valve.

• OPERATION

Recommended for systems powered by two pumps where double speed (fast-slow sequence) is made available. Fast speed is obtained by summing up both pumps capacity up to the setting value of the VDS valve. Slow speed according to the small pump is obtained by later discharge of the bigger pump. Working pressure during slow speed is controlled by the VMP valve.

• PERFORMANCE

Maximum flow:

- Ap line = 50 l/min.
- Bp line = 150 l/min.
- U line = 180 l/min.

Maximum Pressure:

- 210 bar (aluminium body)
- 350 bar (steel body)

Application range with standard springs "Ap"(VMP):

- 50 ÷ 220 bar (test setting: 180 bar at 5 l/min.)
- 180 ÷ 350 bar (test setting: 280 bar at 5 l/min.)

To perform setting of the valve see the pressure drop / flow diagram.

Application range with standard springs "Bp"(VDS):

- 5 ÷ 40 bar (test setting: 30 bar at 5 l/min.)
- 20 ÷ 80 bar (test setting: 60 bar at 5 l/min.)

Working temperature:

- min. -25°C max. 90°C with standard BUNA N gaskets
- min. -20°C max. 120°C with optional VITON gaskets

• RECOMMENDATIONS

Fluid: best use mineral oil with viscosity ranging between 10 and 200 cSt.
Filter: see page Z.9000.000.
Weight:
- 5.85 kg (aluminium body)
- 13.50 kg (steel body)

Material: internal components made out of high-grade steel duly treated and fabricated.
For more information please ask our technical office.
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• RATING DIAGRAMS

Oil viscosity 46 cSt

• ADJUSTMENTS

3

3

• CODE NUMBER

VEP 100 / □□ - □□ . □ - S / □□

Pressure settings AP (bar)	Pressure settings BP (bar)	Adjustment AP	Body material
TS) 50÷220	**TB)** 5÷40		_ Aluminium
TR) 180÷350	**TV)** 20÷80		**ac** Steel
		S	
		V	
		W	

3