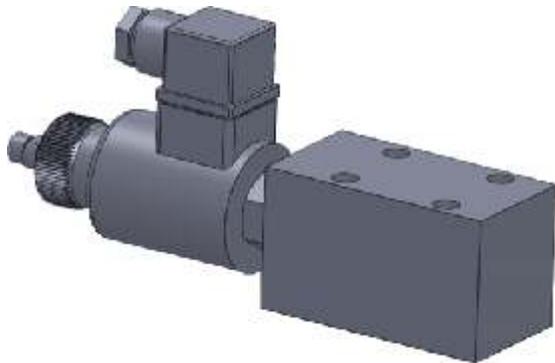


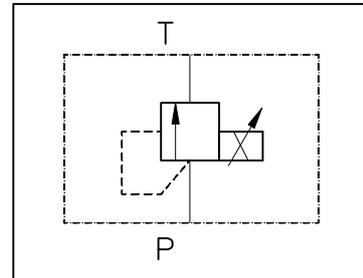
**GENERAL DESCRIPTION**

List: RVPB06P-1-May 2016

The RVPB06P.. valve is designed to limit the pressure in a hydraulic system in proportion to the applied electrical input. The valve is normally open, for plate mounting and increases the system pressure by increasing control input signal.



**Symbol**



- ✓ Removable coils for quick replacement and rotation in any direction without leakage from the system
- ✓ Plate mounting connection CETOP3
- ✓ External electronics

**ORDERING CODE**

RVPB 06 P - ... - F ... ..

Proportional pressure relief valve

Nominal size

For plate mounting

Max. regulating pressure:

up to 350bar - **350**  
up to 250bar - **250**

Climatic realization:

**N** - normal  
**T** - tropical

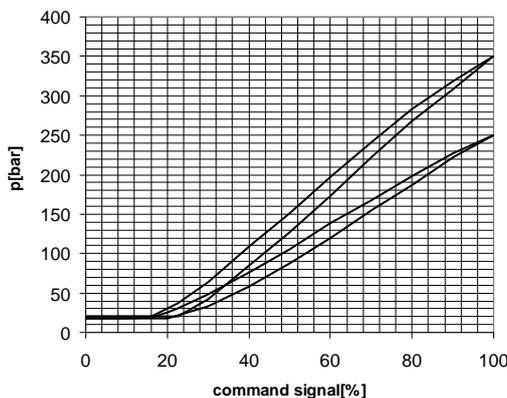
Connector:

**C1** - without connector  
**C2** - with connector by DIN24650  
**C3** - with connector by DIN24650 with light indicator

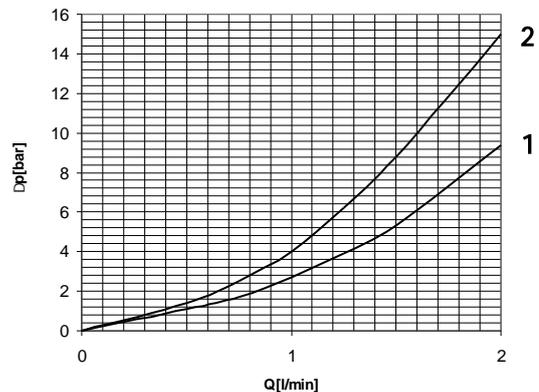
Modification

**CHARACTERISTICS**

Measured at: PWM 150Hz,  $I_{max.} = 2A$ ,  
 $I_{min.} = 0A$ ,  $Q_{in} = 1,5l/min$ ,  $t = 45^{\circ}C$



Measured at:  $t = 45^{\circ}C$ , without command signal  
1 - RVPB06P-250... ; 2 - RVPB06P-350...



**TECHNICAL DATA**
**GENERAL**

DATA	UNIT	VALUE/RANGE
Installation position		optional , preferably horizontal
Ambient temperature range	°C	-20...+50
Weight	kg	1,600
Hysteresis	%	<8
Repeatability	%	±1,5

**HYDRAULIC**

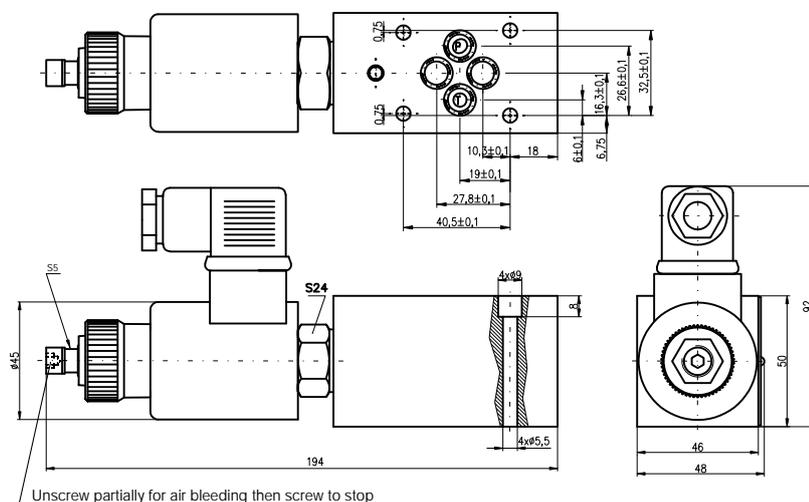
Max. operating pressure	MPa	35
Max. inlet flow	l/min	2
Hydraulic fluid-mineral oil: -viscosity -filtration degree to acc. ISO 4406 -temperature	mm <sup>2</sup> /s class °C	10...400 18/16/13 -20...80

**ELECTRICAL**

Cyclic duration	%	100
Waterproof		IP65
Heat insulation		H
Coil resistance	cold warm	W 3
Max. coil current	A	2,5

**AMPLIFIER**
**EDAR 1211-1-25 - Order separately**

This digital amplifier EDAR 1211-1-25 is designed to control direct operated proportional directional control valves , proportional pressure relief valve and proportional flow regulators with one solenoid without feedback - see "List: EDAR1211-1-25".

**DIMENSIONS**


All dimensions are shown in mm.

Air bleeding is obligatory for best performance characteristics.