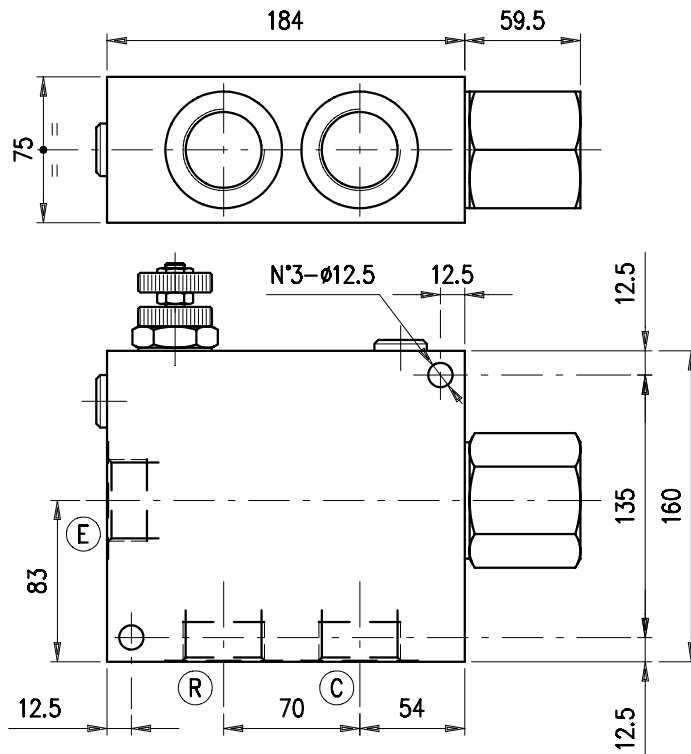


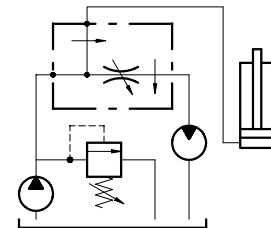
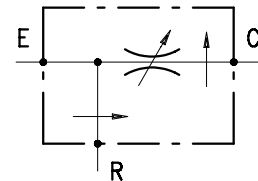
## FLOW REGULATOR PRESSURE COMPENSATED VPR /3 /EP 114

### • DIMENSIONS (mm)



E	R	U
G 1" 1/4	G 1" 1/4	G 1" 1/4

### • HYDRAULIC DIAGRAM



### • DESCRIPTION

3-ways flow regulator, pressure compensated and exceeding flow to pressure.

### • OPERATION

The valve is designed to keep constant flow in C and concurrently discharge exceeding flow in R for other applications. Best performance of the valve is assured when the flow in E is at least 10% bigger than in C. Pressure variations in C and R do not alter the constant flow in C. Make sure that a pressure relief valve is always used between the pump and the valve.

### • PERFORMANCE

**Maximum flow:** E = 450 l/min. Qmax in C = 250 l/min.

**Maximum Pressure:**

- aluminium body: 210 bar
- steel body: 350 bar

**Maximum pressure compensation error:** see performance graphs.

**Working temperature:**

- Minimum -25°C max 90°C with standard BUNA N gaskets
- Minimum -20°C max 120°C with VITON gaskets on request

### • RECOMMENDATIONS

**Fluid:** best use mineral oil with viscosity ranging between 10 and 200 cSt

**Filter:** see page Z.9000.000.

**Weight:**

- aluminium body: 7.45 kg
- steel body: 15.80 kg

**Material:** internal components made out of high-grade steel duly treated and fabricated.

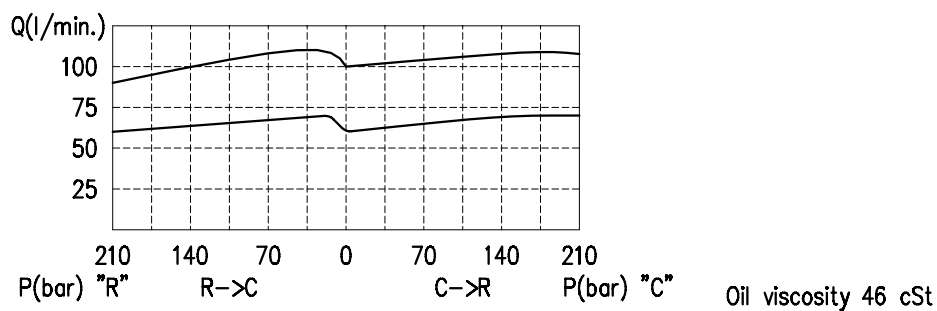
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For more information please ask our technical office.

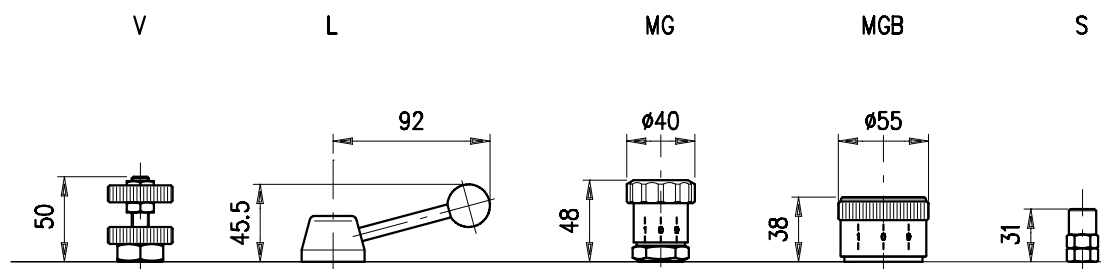
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## RATING DIAGRAMS



## ADJUSTMENTS



## CODE NUMBER

