TEOREMA PUMP TECHNOLOGY

PRESSURE REGULATING VALVES

BP-VAL series

This by-pass valves is the optimal solution to prevent pressure peak in every kind of system. Whenever the system discharge is completely closed, the valve by-pass the total system fluid flow. They can also be used to balance system pressure in multiple gun operations. The design is very simple: a plunger and a valve seat. When excess pressure overcome the adjustable spring pressure on the plunger, the plunger lifts off the valve seat, allowing sufficient fluid to bypass and thereby balancing system pressure.



TECHNICAL INFORMATION

Max. Temperature: 120°C

Max. Differential Pressure: 25 bar

Materials: Stainless steel

O-Ring in EPDM or Viton®

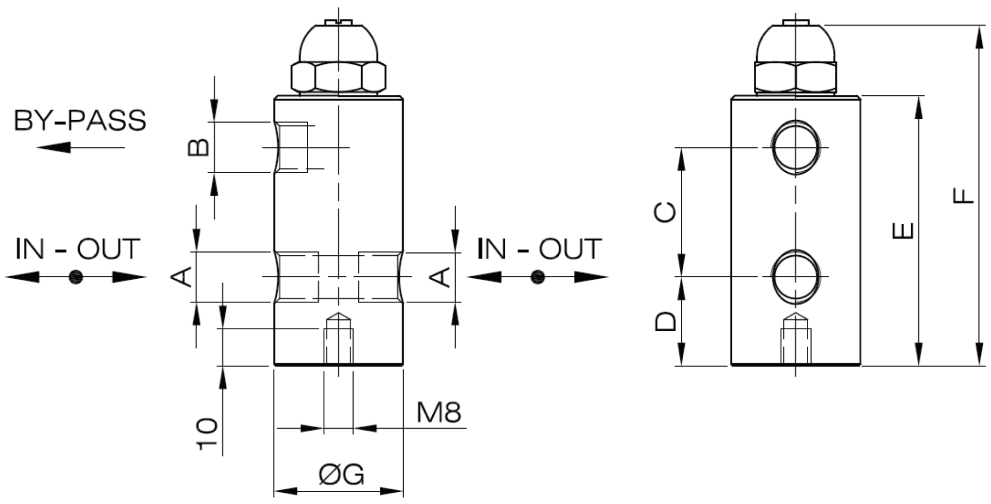
Weight: 0,72Kg

1/8", 1/4", 3/8" BSP(GAS)or NPT ports available

DIMENSIONS

Tipo	**A** (IN - OUT)	**B** (BY - PASS)	**C**	**D**	**E**	**F**	**G**
DN 1/8	1/8		33,5	21,5	69	88	27
DN 1/4	1/4		35	24	73	92	32
DN 3/8	3/8		36	25	76	95	35

DIMENSIONS

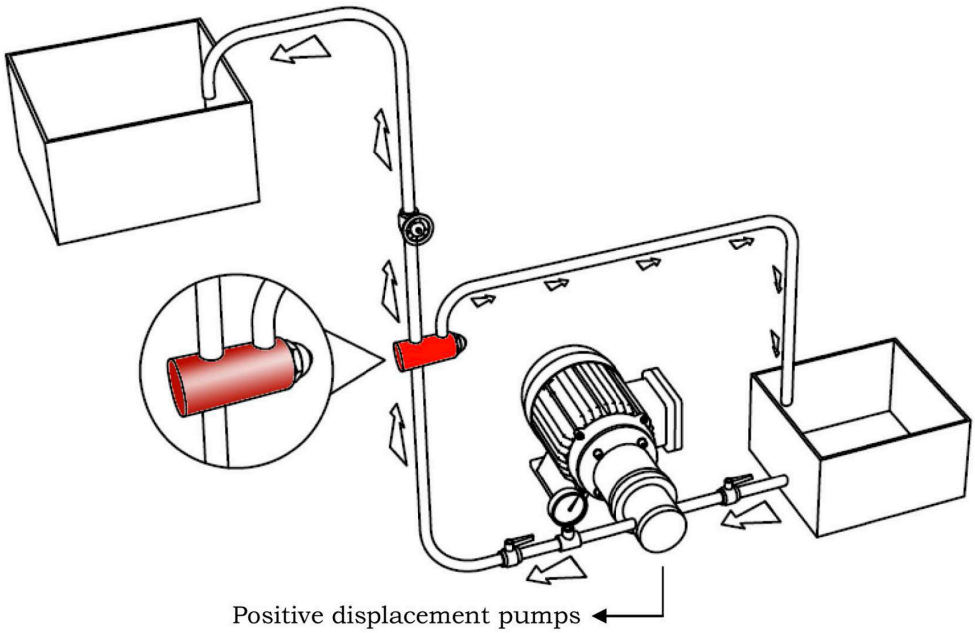


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BP-VAL series

STANDARD MOUNTING



INNER SPARE PARTS



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