

Accumulator Charging Valve NG 6 ISO 4401 piloted

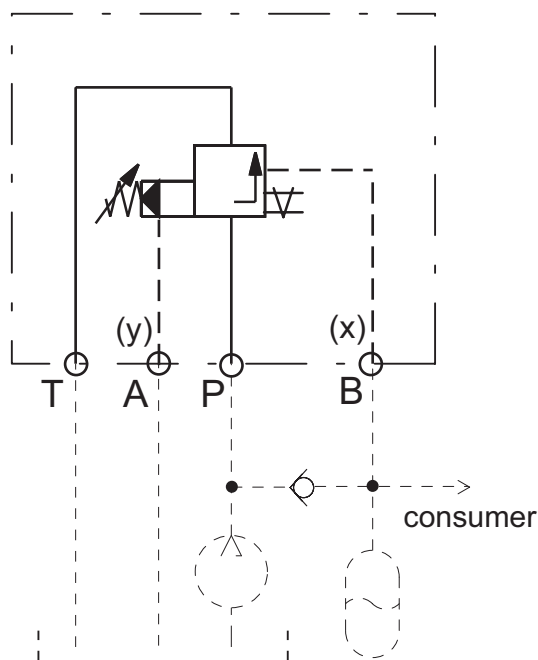
Design and Function:

Accumulator charging valves are piloted piston valves. The valve controls the hydraulic accumulator charging process, for systems with fixed displacement pumps.

After the accumulator has been charged and system pressure is reached, the valve then switches the pump flow into bypass mode (P to T). When the pressure falls because functions are demanding flow, the valve will sense the difference and will close the bypass to allow the accumulator to recharge. Pressure differences available include: 5%, 10%, 15% and 20%.



Symbol:



Advantages:

- Optimised power economy and reduced heat emission from the hydraulic system
- Energy saving due to low bypass pressure
- Fixed switching hysteresis, simple start up procedure
- Soft and exact switching over due to pressure pre-relieve
- Robust und reliable through simple design

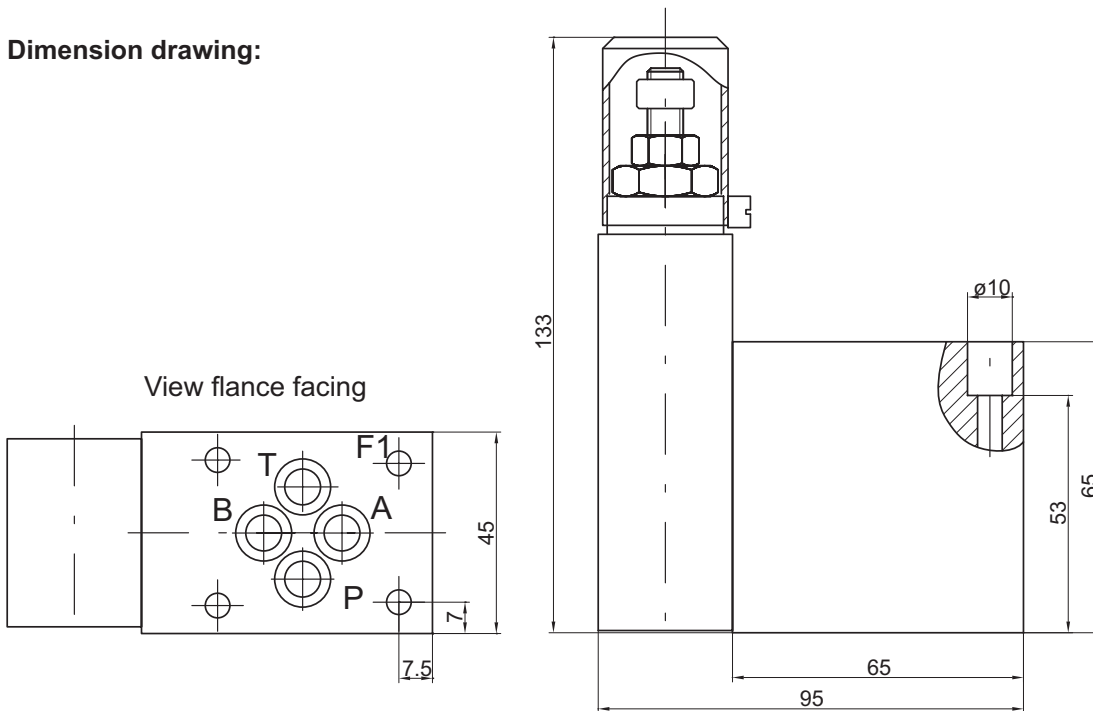
Options:

- Electrical discharge (data sheet 344)
- Complete accumulator charging units (data sheet 711)
- Accumulator charging valve kit (Data sheet 343)

The specifications given herein are subject to alteration

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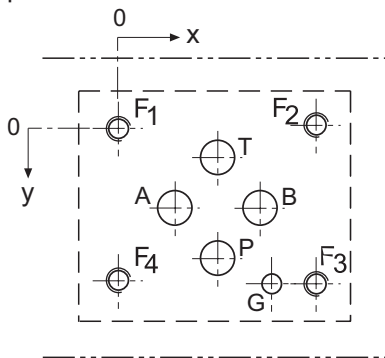
Dimension drawing:



Port connection pattern

NG 6 ISO 4401

The figure shows the side of the mounting plate to which the valve is fastened



Single-unit mounting plate

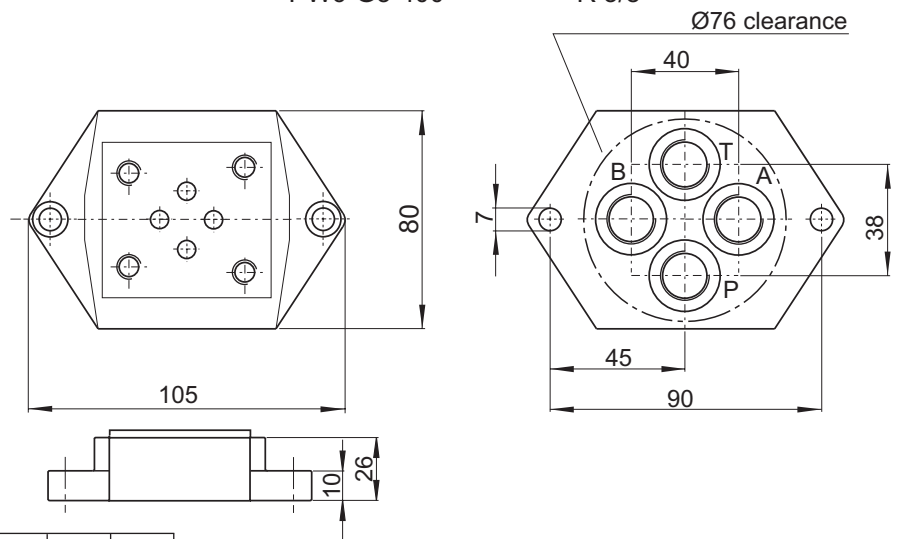
Order number:

PW6-G2-400

PW6-G3-400

R 1/4"

R 3/8"



	P	A	T	B	F1	F2	F3	F4	G
Ømax	Ø7,5	Ø7,5	Ø7,5	Ø7,5	M5	M5	M5	M5	Ø4
x	21,5	12,7	21,5	30,2	0	40,5	40,5	0	33
y	25,9	15,5	5,1	15,5	0	-0,75	31,75	31	31,75

F: min. 1,5 x Ø, deep

G: min. 1,5 x Ø, deep

Multiple-unit mounting plates can be supplied on request

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