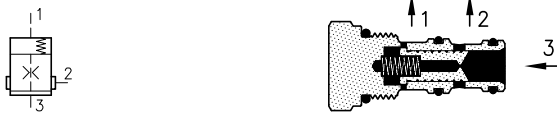
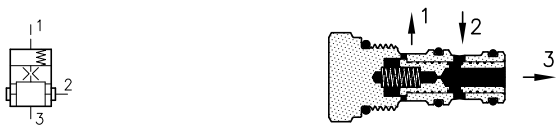
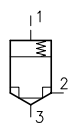
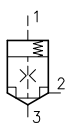
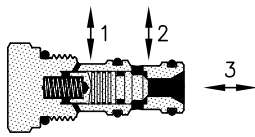
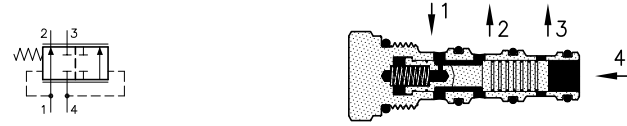


Pressure, flow and directional control logic valves.

These are logic elements used to pressure, flow and oiltight directional control. They are divided into two categories: as pressure and flow control they have a ratio between areas of 1:1; as directional control they have a ratio of 1.8:1 or 1.2:1. They always need piloting valves which acting on chamber 1, besides made them functioning, allow their regulation. The version used to flow control must be combined with a needle valve in order to breed a pressure drop of about 7 bar.

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
ELP ../P1 series – with area ratio 1:1 for pressure control. 	ELP 30/P1	80	350	11.010
	ELP 50/P1	160	350	11.020
	ELP 70/P1	320	350	11.030
ELP ../Q1 series – with area ratio 1:1 for flow control. 	ELP 30/Q1	80	350	11.010
	ELP 50/Q1	160	350	11.020
	ELP 70/Q1	320	350	11.030
ELP ../P3 series – with area ratio 1:1 to reduce pressure. 	ELP 30/P3	50	350	11.040
	ELP 50/P3	100	350	11.050
	ELP 70/P3	200	350	11.060
ELP ../Q3 series – with area ratio 1:1 for compensating flow control. 	ELP 30/Q3	50	350	11.040
	ELP 50/Q3	100	350	11.050
	ELP 70/Q3	200	350	11.060
ELP ../D2–D3 series – with area ratio 1.8:1 or 1.2:1 for directional control. D2  D3  	ELP 30/D..	60	350	11.070
	ELP 50/D..	120	350	11.080
	ELP 70/D..	250	350	11.090
ELP ../Q2 series – with area ratio 1:1 pressure compensator for flow control. 	ELP 30/Q2	40	350	11.100
ELP ../Q4 series – with area ratio 1:1 pressure compensator for flow control. 	ELP 30/Q4	40	350	11.130

Special version supplied on request.

On request we can be supply following versions:

External adjusting for setting from 3.5 to 14 bar.
 Not standard calibrated holes.
 Priority compensators.
 Load sensing compensators.