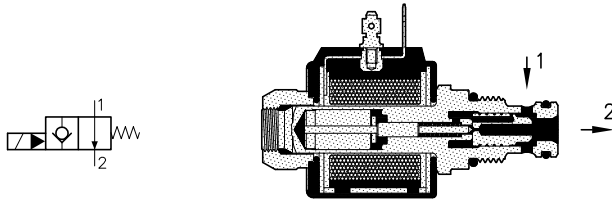
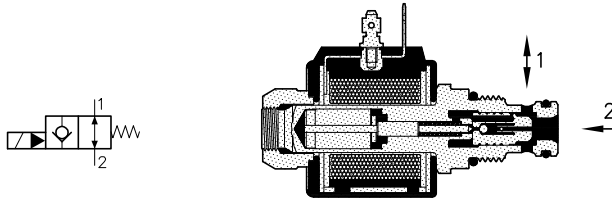
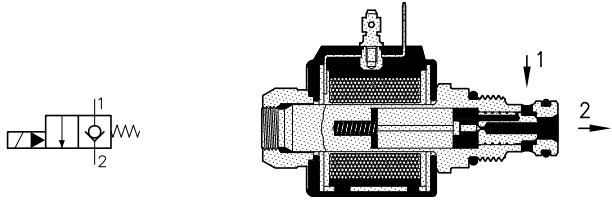
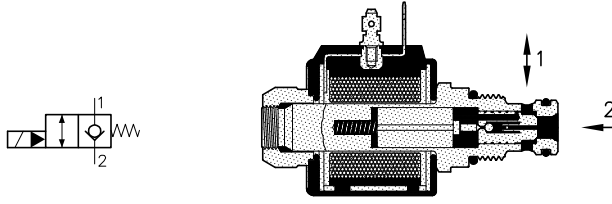


Pilot operated solenoid valves poppet-type (210 bar).

These are two-ways pilot operated solenoid valves with conical poppet-type, manufactured in several sizes and with different circuits. They can be used in applications where leakages are not allowed.

The ECP series, which uses 18 Watt low power coils, is suitable for working at max. pressure of 210 bar.

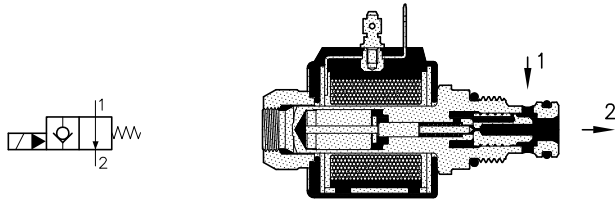
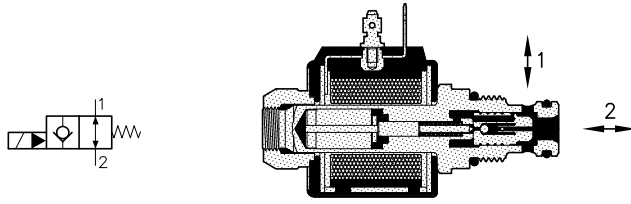
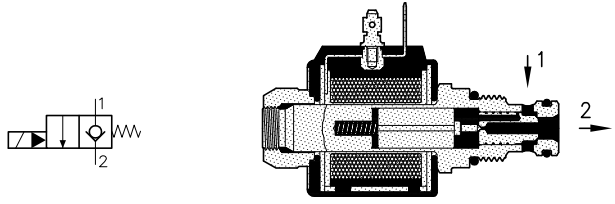
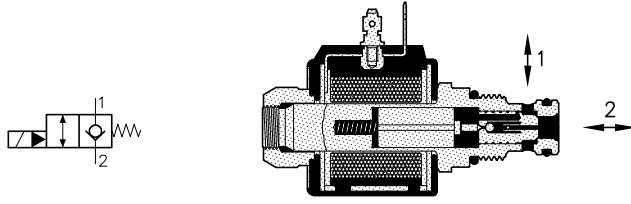
The duty current coils (12-24 Volt) can be directly fed; otherwise for alternate current coils (24-110-220 Volt 50/60 Hz) a connector with rectifier bridge is required, which can be supplied on request.

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
<p>ECP../22C1 series – unidirectional type. Normally open, they stop the flow passage from 1 to 2 when energized; the reverse flow is not allowed.</p> 	ECP 20/22C1	30	210	08.010
	ECP 30/22C1	50	210	08.020
	ECP 50/22C1	90	210	08.030
<p>ECP../22B1 series – bidirectional type. Normally open, they stop the flow passage from 1 to 2 when energized; the reverse flow is allowed in any condition.</p> 	ECP 20/22B1	30	210	08.010
	ECP 30/22B1	50	210	08.020
	ECP 50/22B1	90	210	08.030
<p>ECP../22C2 series – unidirectional type. Normally closed, they allow the flow passage from 1 to 2 when energized; the reverse flow is allowed only with de-energized coil.</p> 	ECP 20/22C2	30	210	08.010
	ECP 30/22C2	50	210	08.020
	ECP 50/22C2	90	210	08.030
<p>ECP../22B2 series – bidirectional type. Normally closed, they allow the flow passage from 1 to 2 when energized; the reverse flow is allowed in any condition.</p> 	ECP 20/22B2	30	210	08.010
	ECP 30/22B2	50	210	08.020
	ECP 50/22B2	90	210	08.030

Pilot operated solenoid valves poppet-type (350 bar).

These are two-way pilot operated solenoid valves with conical poppet-type, manufactured in several sizes and with different circuits. They can be used in applications where leakages are not allowed. The EPP series, which uses 28 Watt power coils, is suitable for working till 350 bar. The duty current coils (12-24 Volt) can be directly fed; otherwise for alternate current coils (20-110-220 Volt 50/60 Hz) a connector with rectifier bridge is required, which can be supplied on request.

08

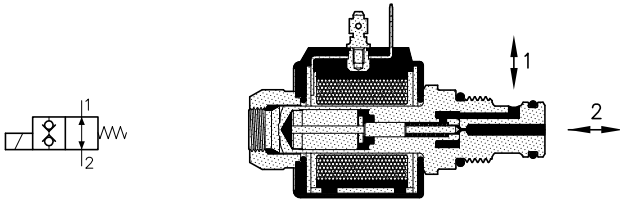
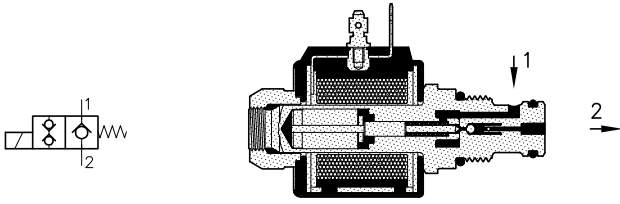
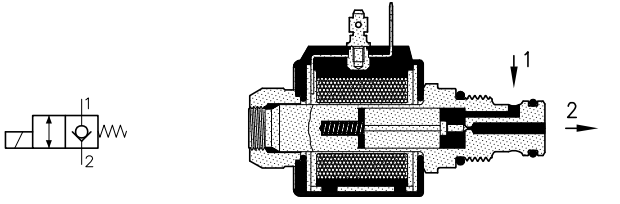
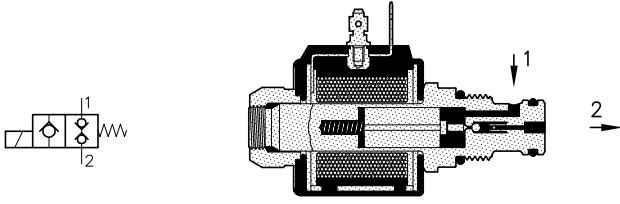
Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
<p>EPP../22C1 series – unidirectional type. Normally open, they stop the flow passage from 1 to 2 when energized; the reverse flow is not allowed.</p> 	EPP 30/22C1	60	350	08.040
	EPP 50/22C1	100	350	08.050
	EPP 70/22C1	200	350	08.060
<p>EPP../22B1 series – bidirectional type. Normally open, they stop the flow passage from 1 to 2 when energized; the reverse flow is allowed in any condition.</p> 	EPP 30/22B1	60	350	08.040
	EPP 50/22B1	100	350	08.050
	EPP 70/22B1	200	350	08.060
<p>EPP../22C2 series – unidirectional type. Normally closed, they allow the flow passage from 1 to 2 when energized; the reverse flow is allowed only with de-energized coil.</p> 	EPP 30/22C2	60	350	08.040
	EPP 50/22C2	100	350	08.050
	EPP 70/22C2	200	350	08.060
<p>EPP../22B2 series – bidirectional type. Normally closed, they allow the flow passage from 1 to 2 when energized; the reverse flow is allowed in any condition.</p> 	EPP 30/22B2	60	350	08.040
	EPP 50/22B2	100	350	08.050
	EPP 70/22B2	200	350	08.060

Pilot solenoid valves poppet-type (210 bar).

These are two-way direct solenoid valves with conical poppet-type, manufactured only in size 20 and with different circuits; are mainly used as pilot valves in oiltight systems.

The ECD 20 series, which uses 18 Watt low power coils, is suitable for working at max. pressure of 210 bar.

The duty current coils (12-24 Volt) can be directly fed; otherwise for alternate current coils (20-110-220 Volt 50/60 Hz) a connector with rectifier bridge is required, which can be supplied on request.

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
<p>22B1 series – bidirectional type. On rest position, they allow free passage and stop it in both directions when energized.</p> 	ECD 20/22B1	1.2	210	08.070
<p>22U1 series – unidirectional type. Normally open, they allow flow from 1 to 2; when energized they stop it in both directions.</p> 	ECD 20/22U1	1.2	210	08.070
<p>22B2 series – bidirectional type. Normally closed, when energized they allow flow passage in both directions. The flow from 2 to 1 is allowed only high pressure (see catalogue).</p> 	ECD 20/22B2	1.2	210	08.070
<p>22U2 series – unidirectional type. Normally closed, when energized they allow flow passage from 1 to 2 and stop the reverse flow in any condition.</p> 	ECD 20/22U2	1.2	210	08.070

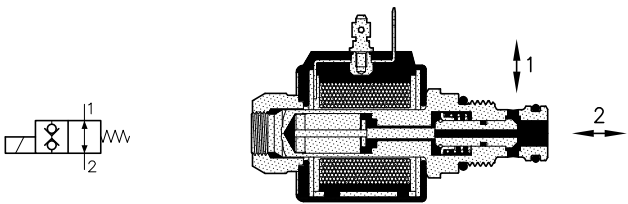
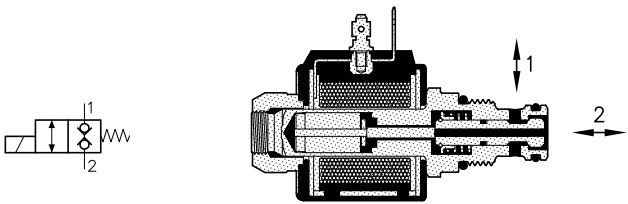
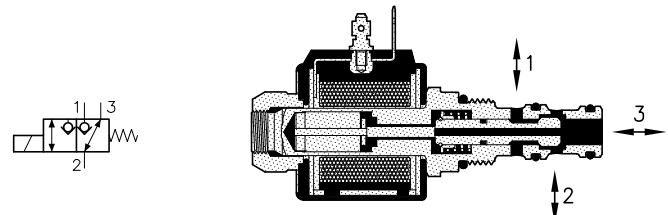
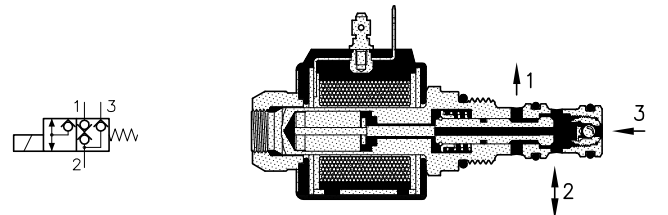
Direct acting solenoid valves dual poppet-type.

These are two and three way direct acting valves with conical poppet-type, manufactured in sizes 20-30 and 50 and in several circuit; are used in applications where leakages are not allowed.

The solenoid ECD series utilize power coils and are suitable for working till 315 bar.

The duty current coils (12-24 Volt) can be directly fed; otherwise for alternate current coils (24-110-220 Volt 50/60 Hz) a connector with rectifier bridge is required, which can be supplied on request.

08

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
<p>ECD../2201 series – bidirectional type. Normally open, when energized they stop the flow passage in both directions.</p> 	ECD 30/2201	20	315	08.080
<p>ECD../2202 series – bidirectional type. Normally closed in both directions, when energized they allow the flow free passage.</p> 	ECD 20/2202	10	210	08.075
	ECD 30/2202	25	315	08.080
	ECD 50/2202	50	315	08.090
<p>ECD../3204 series – switching over type. They allow to switch over the flow, tight insulating chamber 1 or 3 by turns. The flow is allowed in all directions.</p> 	ECD 20/3204	5	210	08.095
	ECD 30/3204	25	315	08.100
<p>ECD../3204S series. Normally closed, they allow to drive a simple effect cylinder connecting 3 with pump, 2 with cylinder and 1 with return line (T).</p> 	ECD 30/3204S	20	315	08.100