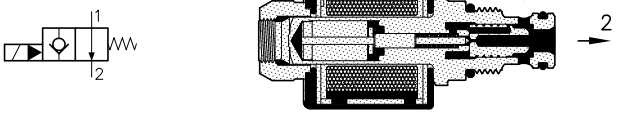
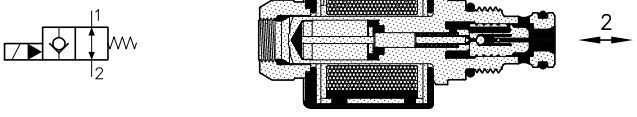
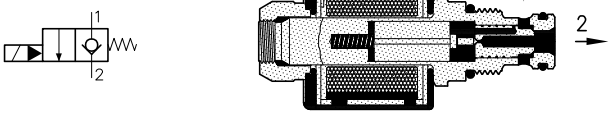
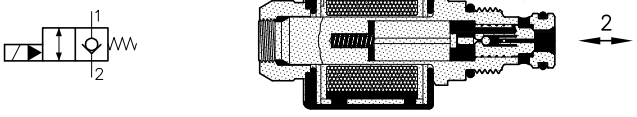
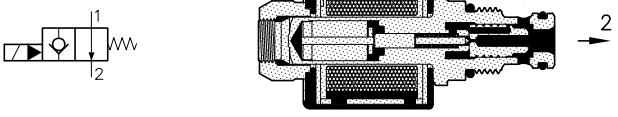
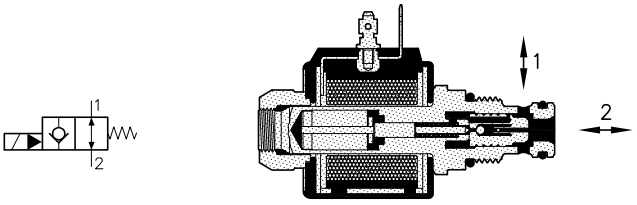
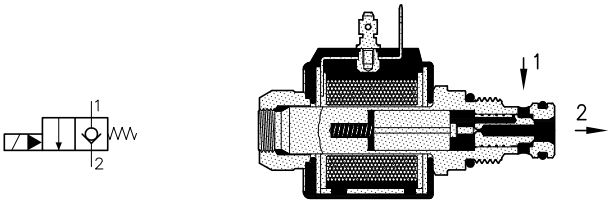
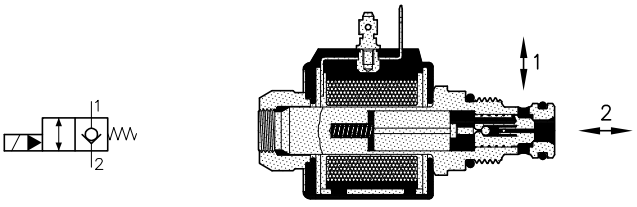
Pilot operated solenoid valves poppet–type (210 bar).

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
ECP../22C1 series – unidirectional type. Normally open, they stop the flow passage from 1 to 2 when energized; the reverse flow is not allowed. 	**ECP 20/22C1**	30	210	08.010
	ECP 30/22C1	50	210	08.020
	ECP 50/22C1	90	210	08.030
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. 	**ECP 20/22B1**	30	210	08.010
	ECP 30/22B1	50	210	08.020
	ECP 50/22B1	90	210	08.030
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. 	**ECP 20/22C2**	30	210	08.010
	ECP 30/22C2	50	210	08.020
	ECP 50/22C2	90	210	08.030
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. 	**ECP 20/22B2**	30	210	08.010
	ECP 30/22B2	50	210	08.020
	ECP 50/22B2	90	210	08.030

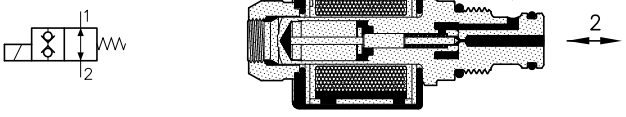
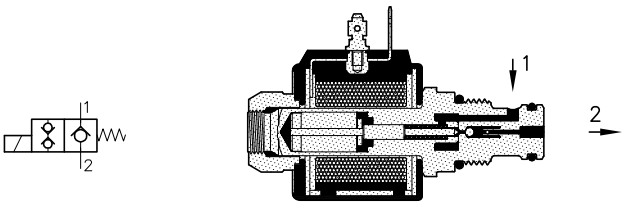
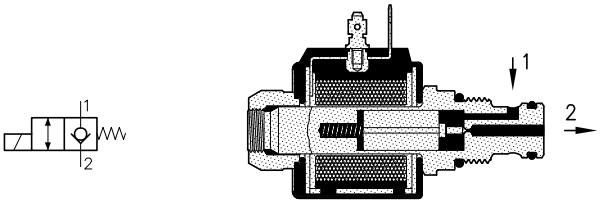
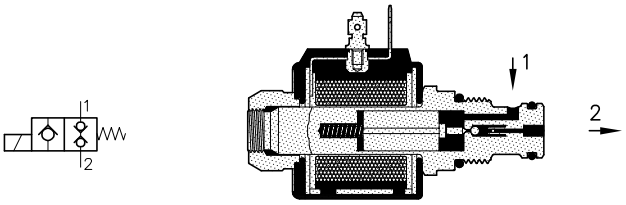
Pilot operated solenoid valves poppet–type (350 bar).

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.

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
EPP../22C1 series – unidirectional type. Normally open, they stop the flow passage from 1 to 2 when energized; the reverse flow is not allowed. 	**EPP 30/22C1**	60	350	08.040
	EPP 50/22C1	100	350	08.050
	EPP 70/22C1	200	350	08.060
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. 	**EPP 30/22B1**	60	350	08.040
	EPP 50/22B1	100	350	08.050
	EPP 70/22B1	200	350	08.060
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. 	**EPP 30/22C2**	60	350	08.040
	EPP 50/22C2	100	350	08.050
	EPP 70/22C2	200	350	08.060
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. 	**EPP 30/22B2**	60	350	08.040
	EPP 50/22B2	100	350	08.050
	EPP 70/22B2	200	350	08.060

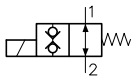
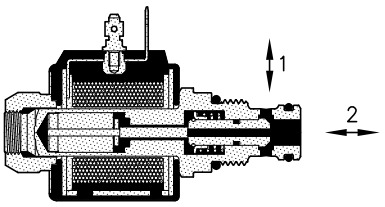
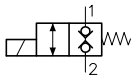
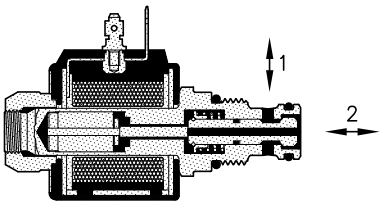
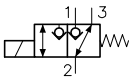
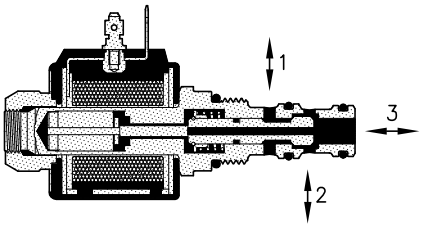
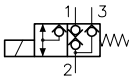
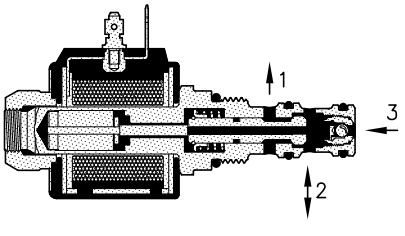
Pilot solenoid valves poppet–type (210 bar).

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
22B1 series – bidirectional type. On rest position, they allow free passage and stop it in both direstions when energized. 	**ECD 20/22B1**	1.2	210	08.070
22U1 series – unidirectional type. Normally open, they allow flow passage from 1 to 2; when energized they stop it in both directions. 	**ECD 20/22U1**	1.2	210	08.070
22B2 series – bidirectional type. Normally closed, when energized the allow flow passage in both directions. The flow from 2 to 1 is allowed only higt pressure (see catalogue). 	**ECD 20/22B2**	1.2	210	08.070
22U2 series – unidirectional type. Normally closed, when energized they allow flow passage from 1 to 2 and stop the reverse flow in any condition. 	**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.

Main features	Type	Q max. (l/min.)	P max. (bar)	Technical schedule
ECD../2201 series – bidirectional type. Normally open, when energized they stop the flow passage in both directions.  	**ECD 30/2201**	20	315	08.080
ECD../2202 series – bidirectional type. Normally closed in both directions, when energized they allow the flow free passage.  	**ECD 20/2202**	10	210	08.075
	ECD 30/2202	25	315	08.080
	ECD 50/2202	50	315	08.090
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.  	**ECD 20/3204**	5	210	08.095
	ECD 30/3204	25	315	08.100
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).  	**ECD 30/3204S**	20	315	08.100

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

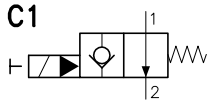
ECP 20/22..

08.010

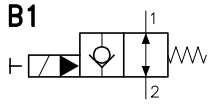
01.07

Technical features

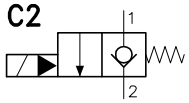
C1



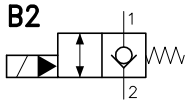
B1

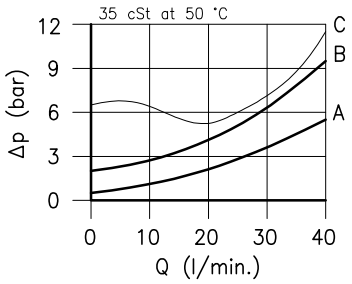


C2



B2

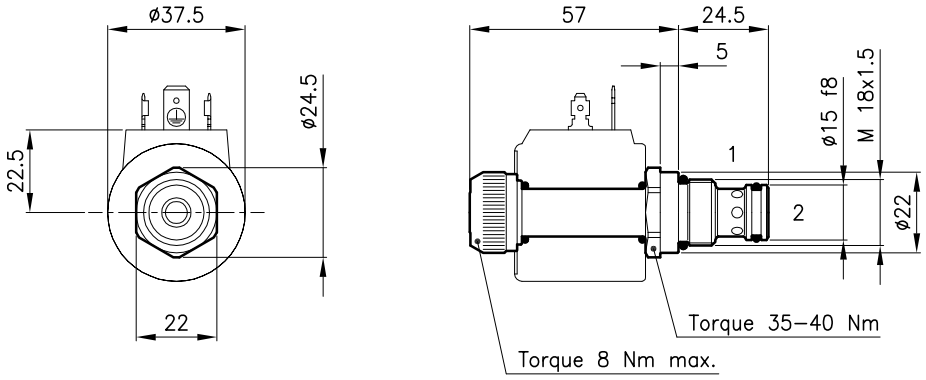




	22C1	22B1	22C2	22B2
1 → 2 De-en.	curve A	curve A	noy allowed	not allowed
2 → 1 De-en.	not allowed	curve A	curve B	curve B
1 → 2 Energ.	not allowed	not allowed	curve A	curve A
2 → 1 Energ.	curve C	curve C	not allowed	curve A

Cavity (For dimensions see catalogue 17.000)		S 20/2
Max. flow	(l/min.)	30
Max. pressure	(bar)	210
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	80 – 120 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.120
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

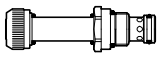
Dimensions



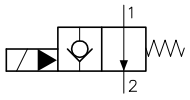
Ordering informations

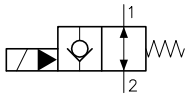
ECP 20/22C1–MO

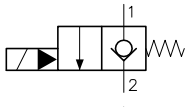
ECP 20/22.. = Valve type

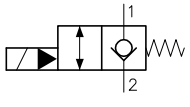


Circuits

22C1 = 

22B1 = 

22C2 = 

22B2 = 

MO = Manual override (Only C1 and B1 version)
(Omit if not request)

Codes:

ECP 20/22C1	25 011 100
ECP 20/22C1–MO	25 011 148
ECP 20/22B1	25 011 101
ECP 20/22B1–MO	25 011 149
ECP 20/22C2	25 011 102
ECP 20/22B2	25 011 103
External seals kit	90 620 100

ECP 20/22.. valves can be assembled on standard bodies 20–L0 series; for dimensions see catalogue 16.010

On the ECP 20 valves must be assembled the Coils B20 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

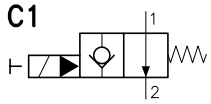
ECP 30/22..

08.020

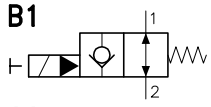
01.07

Technical features

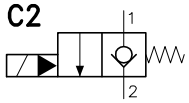
C1



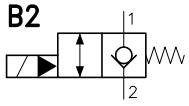
B1

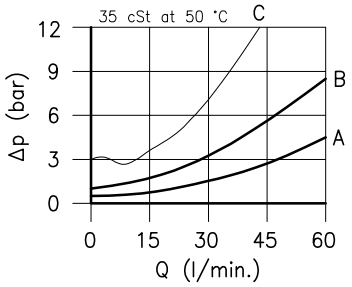


C2



B2

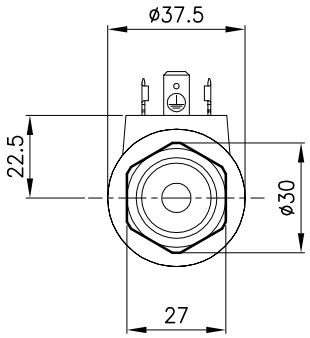


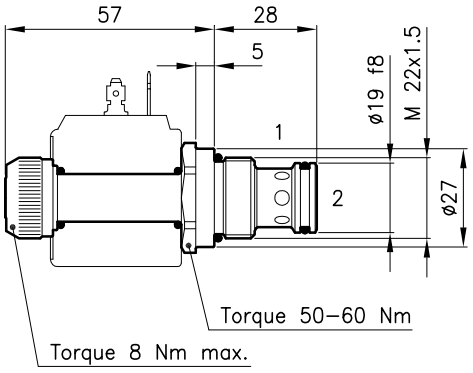


	22C1	22B1	22C2	22B2
1 → 2 De-en.	curve A	curve A	not allowed	not allowed
2 → 1 De-en.	not allowed	curve A	curve B	curve B
1 → 2 Energ.	not allowed	not allowed	curve A	curve A
2 → 1 Energ.	curve C	curve C	not allowed	curve A

Cavity (For dimensions see catalogue 17.000)		S 30/2
Max. flow	(l/min.)	50
Max. pressure	(bar)	210
Response time It change in function of circuits pressure, flow and fluid viscosity.	(ms)	80 – 120 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.160
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absoluted)		
Standard seals in Polyurethane and Buna N		

Dimensions

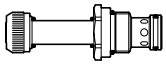




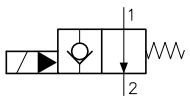
Ordering informations

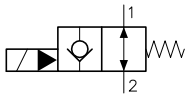
ECP 30/22C1–MO

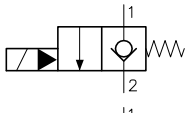
ECP 30/22.. = Valve type

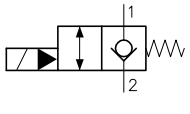


Circuits

22C1 = 

22B1 = 

22C2 = 

22B2 = 

MO = Manual override (Only C1 and B1 version)
(Omit if not request)

Codes:

ECP 30/22C1	35 011 112
ECP 30/22C1–MO	35 011 228
ECP 30/22B1	35 011 111
ECP 30/22B1–MO	35 011 229
ECP 30/22C2	35 011 102
ECP 30/22B2	35 011 101
External seals kit	90 620 103

ECP 30/22.. valves can be assembled on standard bodies 30–L0 series; for dimensions see catalogue 16.010

On the ECP 30 valves must be assembled the Coils B20 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

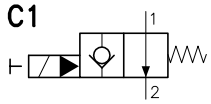
ECP 50/22..

08.030

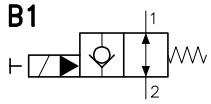
01.07

Technical features

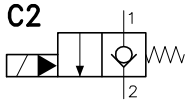
C1



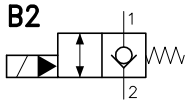
B1

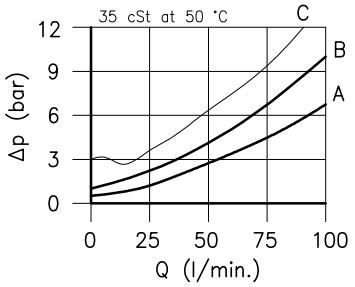


C2



B2

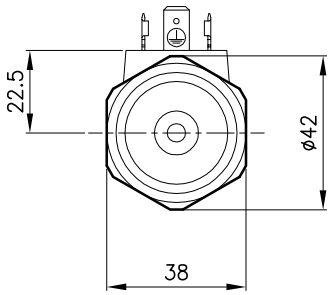


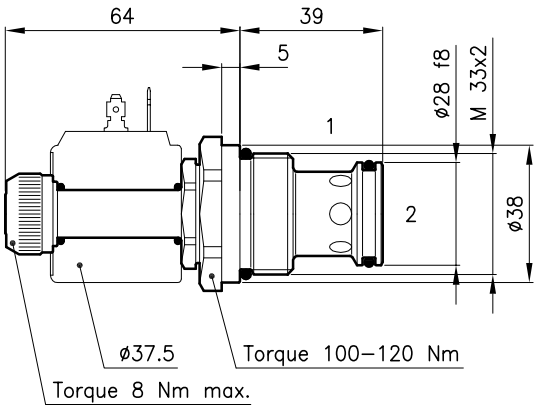


	22C1	22B1	22C2	22B2
1 → 2 De-en.	curve A	curve A	not allowed	not allowed
2 → 1 De-en.	not allowed	curve A	curve B	curve B
1 → 2 Energ.	not allowed	not allowed	curve A	curve A
2 → 1 Energ.	curve C	curve C	not allowed	curve A

Cavity (For dimensions see catalogue 17.000)		S 50/2
Max. flow	(l/min.)	90
Max. pressure	(bar)	210
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	80 – 120 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.400
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

Dimensions

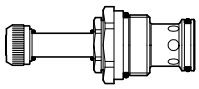




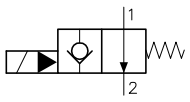
Ordering informations

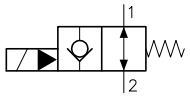
ECP 50/22C1–MO

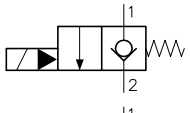
ECP 50/22.. = Valve type

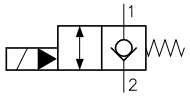


Circuits

22C1 = 

22B1 = 

22C2 = 

22B2 = 

MO = Manual override (Only C1 and B1 version)
(Omit if not request)

Codes:

ECP 50/22C1	55 011 105
ECP 50/22C1–MO	55 011 158
ECP 50/22B1	55 011 104
ECP 50/22B1–MO	55 011 159
ECP 50/22C2	55 011 107
ECP 50/22B2	55 011 106
External seals kit	90 620 106

ECP 50/22.. valves can be assembled on standard bodies 50–L0 series; for dimensions see catalogue 16.010

On the ECP 50 valves must be assembled the Coils B20 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

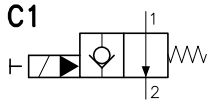
EPP 30/22..

08.040

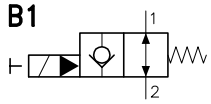
01.96

Technical features

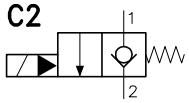
C1



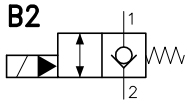
B1

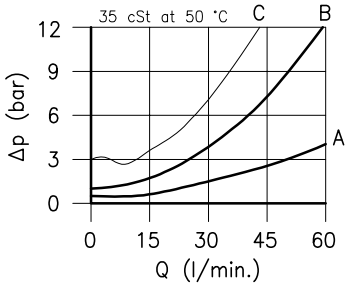


C2



B2

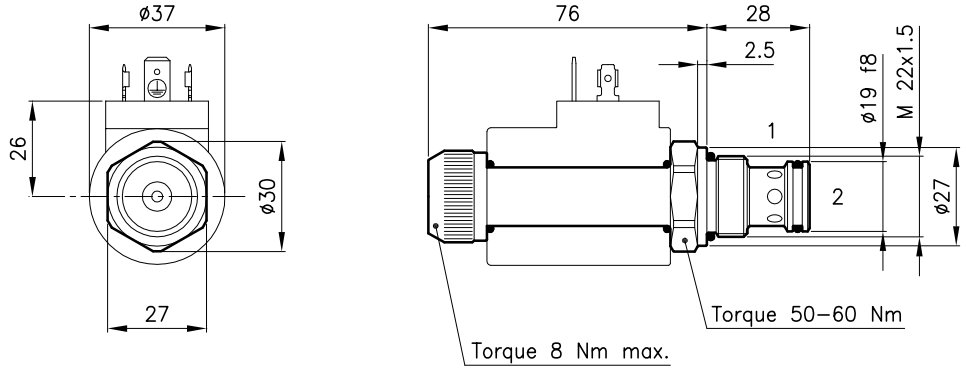




	22C1	22B1	22C2	22B2
1 → 2 De-en.	curve A	curve A	not allowed	not allowed
2 → 1 De-en.	not allowed	curve A	curve B	curve B
1 → 2 Energ.	not allowed	not allowed	curve A	curve A
2 → 1 Energ.	curve C	curve C	not allowed	curve A

Cavity (For dimensions see catalogue 17.000)		S 30/2
Max. flow	(l/min.)	60
Max. pressure	(bar)	350
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	80 – 120 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.210
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

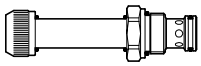
Dimensions



Ordering informations

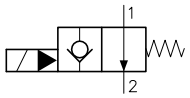
EPP 30/22C1–MO

EPP 30/22.. = Valve type

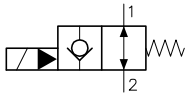


Circuits

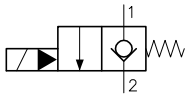
22C1 =



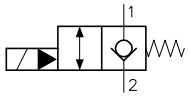
22B1 =



22C2 =



22B2 =



MO = Manual override (Only C1 and B1 version)
(Omit if not request)

Codes:

EPP 30/22C1	35 011 110
EPP 30/22C1–MO	35 011 109
EPP 30/22B1	35 011 108
EPP 30/22B1–MO	35 011 107
EPP 30/22C2	35 011 115
EPP 30/22B2	35 011 114
External seals kit	90 620 103

EPP 30/22.. valves can be assembled on standard bodies 30–L0 series; for dimensions see catalogue 16.010

On the EPP 30 valves must be assembled the Coils B30 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

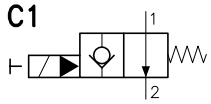
EPP 50/22..

08.050

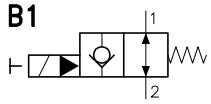
01.96

Technical features

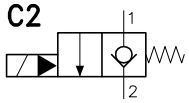
C1



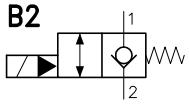
B1

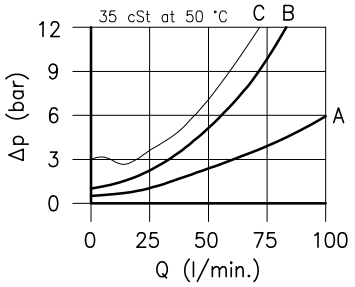


C2



B2

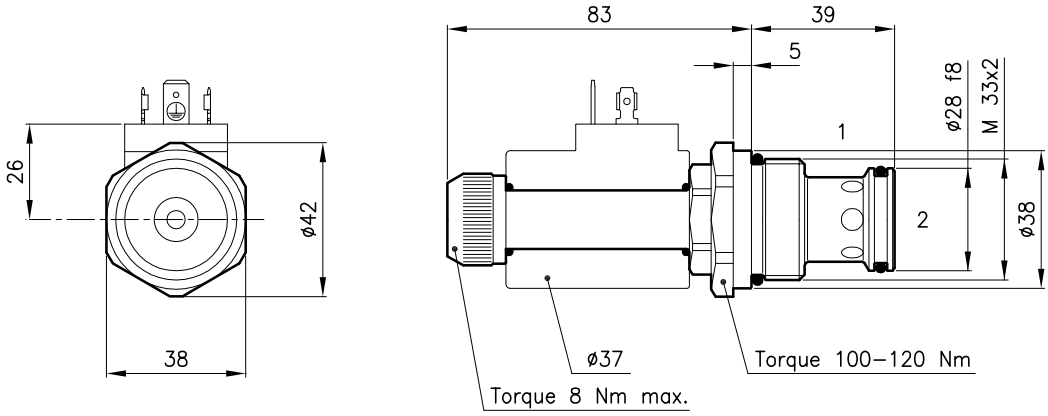




	22C1	22B1	22C2	22B2
1 → 2 De-en	curve A	curve A	not allowed	not allowed
2 → 1 De-en.	not allowed	curve A	curve B	curve B
1 → 2 Energ.	not allowed	not allowed	curve A	curve A
2 → 1 Energ.	curve C	curve C	not allowed	curve A

Cavity (For dimensions see catalogue 17.000)		S 50/2
Max. flow	(l/min.)	100
Max. pressure	(bar)	350
Response time It chenge in function of circuit, pressure, flow and fluid viscosity.	(ms)	80 – 120 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.420
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

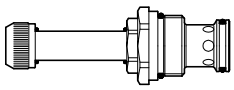
Dimensions



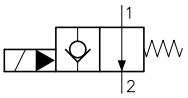
Ordering informations

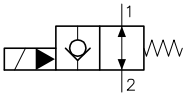
EPP 50/22C1–MO

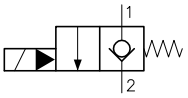
EPP 50/22.. = Valve type

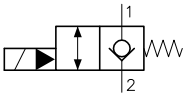


Circuits

22C1 = 

22B1 = 

22C2 = 

22B2 = 

MO = Manual override (Only C1 and B1 version)
(Omit if not request)

Codes:

EPP 50/22C1	55 011 103
EPP 50/22C1–MO	55 011 102
EPP 50/22B1	55 011 101
EPP 50/22B1–MO	55 011 100
EPP 50/22C2	55 011 109
EPP 50/22B2	55 011 108
External seals kit	90 620 106

EPP 50/22.. valves can be assembled on standard bodies 50–L0 series; for dimensions see catalogue 16.010

On the EPP 50 valves must be assembled the Coils B30 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

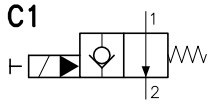
EPP 70/22..

08.060

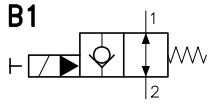
01.96

Technical features

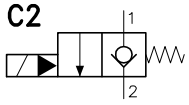
C1



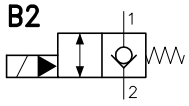
B1

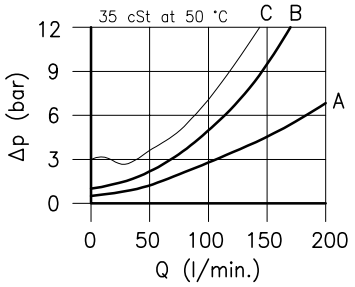


C2



B2

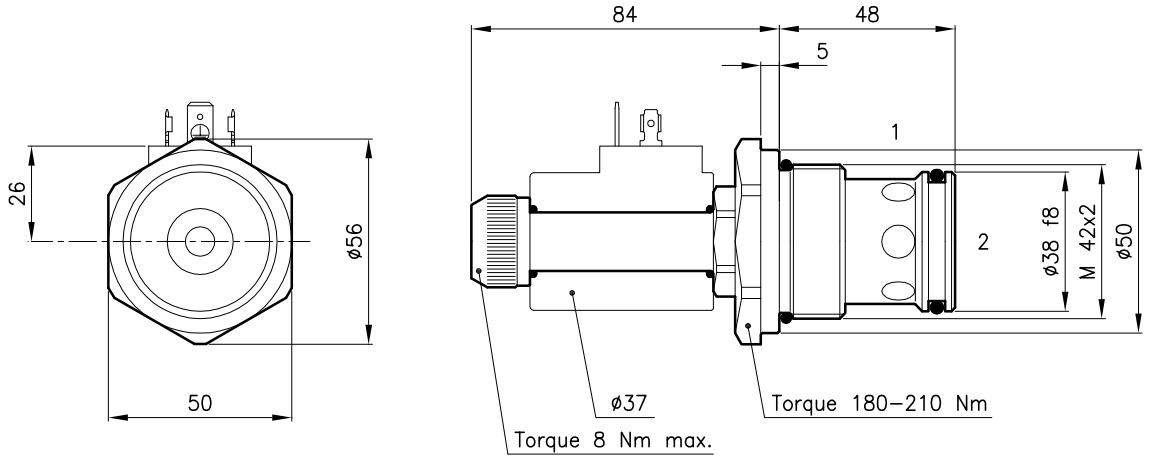




	22C1	22B1	22C2	22B2
1 → 2 De-en.	curve A	curve A	not allowed	not allowed
2 → 1 De-en.	not allowed	curve A	curve B	curve B
1 → 2 Energ.	not allowed	not allowed	curve A	curve A
2 → 1 Energ.	curve C	curve C	not allowed	curve A

Cavity (For dimensions see catalogue 17.000)		S 70/2
Max. flow	(l/min.)	200
Max. pressure	(bar)	350
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	80 – 120 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.680
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

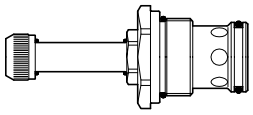
Dimensions



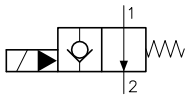
Ordering informations

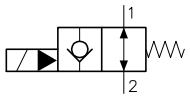
EPP 70/22C1–MO

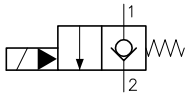
EPP 70/22.. = Valve type

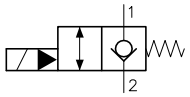


Circuits

22C1 = 

22B1 = 

22C2 = 

22B2 = 

MO = Manual override (Only C1 and B1 version)
(Omit if not request)

Codes:

EPP 70/22C1	75 011 103
EPP 70/22C1–MO	75 011 102
EPP 70/22B1	75 011 101
EPP 70/22B1–MO	75 011 100
EPP 70/22C2	75 011 105
EPP 70/22B2	75 011 104
External seals kit	90 620 109

EPP 70/22.. valves can be assembled on standard bodies 70–L0 series; for dimensions see catalogue 16.010

On the EPP 70 valves must be assembled the Coils B30 valves; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

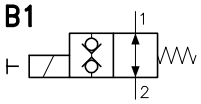
ECD 20/22..

08.070

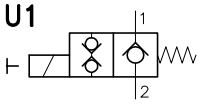
01.07

Technical features

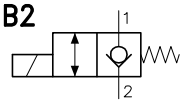
B1



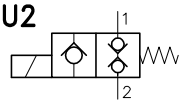
U1

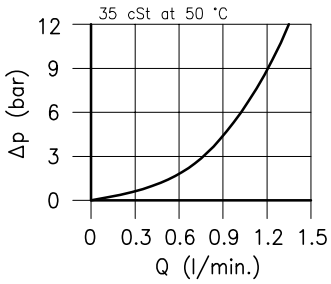


B2



U2

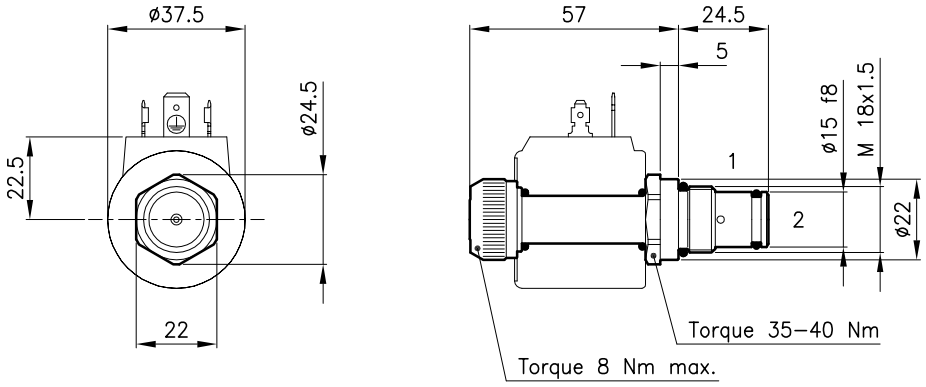




In B2 version the flow from 2 to 1 needs a pressure about 180 bar.

Cavity (For dimensions see catalogue 17.000)		S 20/2
Max. flow	(l/min.)	1.2
Max. pressure	(bar)	210
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	20 – 40 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.120
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

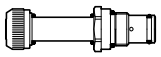
Dimensions



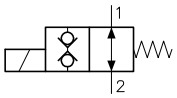
Ordering informations

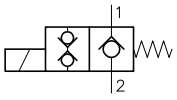
ECD 20/22U1–MO

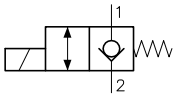
ECD 20/22.. = Valve type

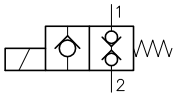


Circuits

22B1 = 

22U1 = 

22B2 = 

22U2 = 

MO = Manual override (Only B1 and U1 version)
(Omit if not request)

Codes:

ECD 20/22B1	25 011 109
ECD 20/22B1–MO	25 011 147
ECD 20/22U1	25 011 120
ECD 20/22U1–MO	25 011 146
ECD 20/22B2	25 011 104
ECD 20/22U2	25 011 105
External seals kit	90 620 100

ECD 20/22.. valves can be assembled on standard bodies 20–L0 series; for dimensions see catalogue 16.010

On the ECD 20 valves must be assembled the Coils B20 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

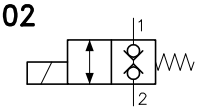
ECD 20/22..

08.075

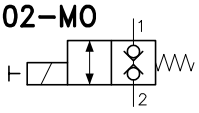
01.97

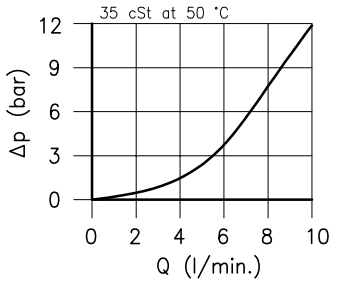
Technical features

02



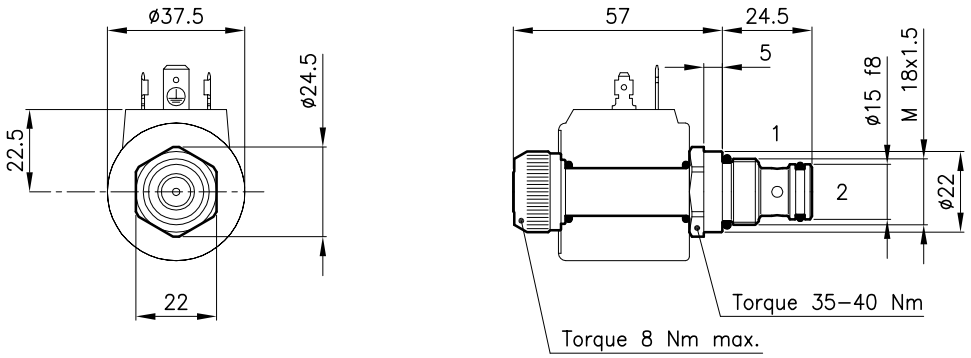
02–MO





Cavity (For dimensions see catalogue 17.000)		S 20/2
Max. flow	(l/min.)	10
Max. pressure	(bar)	210
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	20 – 40 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.120
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

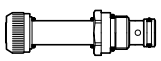
Dimensions



Ordering informations

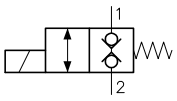
ECD 20/2202–MO

ECD 20/22.. = Valve type



Circuit

2202 =



MO = Manual override
(Omit if not request)

Codes:

ECD 20/2202	25 011 129
ECD 20/2202–MO	25 011 133
External seals kit	90 620 100

ECD 20/22.. valves can be assembled on standard bodies 20–L0 series; for dimensions see catalogue 16.010

On the ECD 20 valves must be assembled the Coils B20 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITION

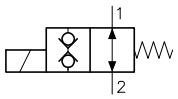
ECD 30/22..

08.080

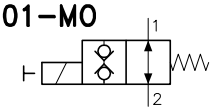
01.96

Technical features

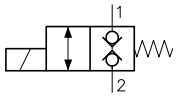
01



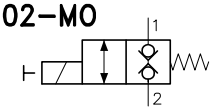
01–MO

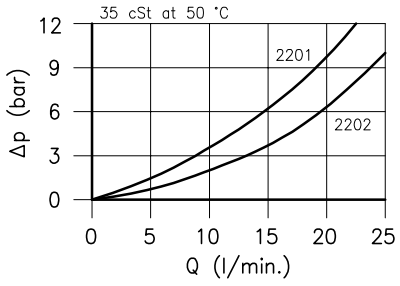


02



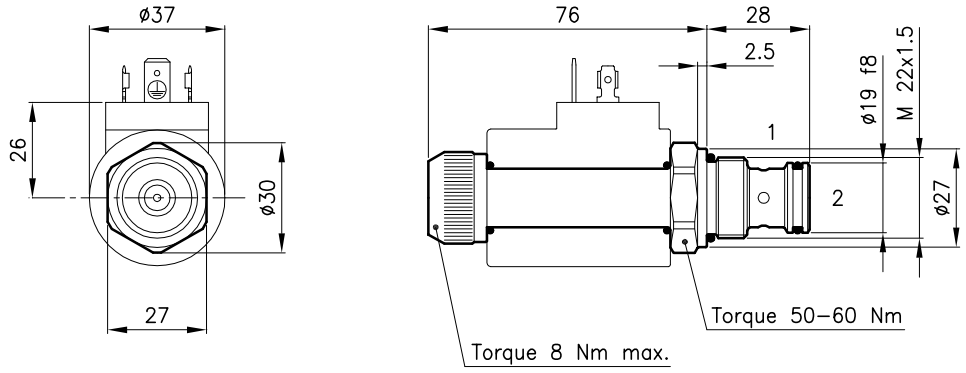
02–MO





Cavity	(For dimensions see catalogue 17.000)		S 30/2
Max. flow	01/01–MO	(l/min.)	20
Max. flow	02/02–MO	(l/min.)	25
Max. pressure		(bar)	315
Response time It change in function of circuit, pressure, flow and fluid viscosity.		(ms)	30 – 60 (Mean value)
Fluid viscosity range		(cSt)	2.8 – 380
Fluid temperature range		(°C)	–20 +80
Mass		(kg)	0.210
Hydraulic fluid; mineral oil HM and HV ISO 6074			
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)			
Standard seals in Polyurethane and Buna N			

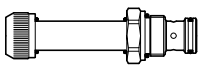
Dimensions



Ordering informations

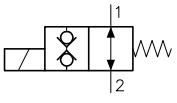
ECD 30/2202–MO

ECD 30/22.. = Valve type

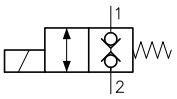


Circuits

2201 =



2202 =



MO = Manual override
(Omit if not request)

Codes:

ECD 30/2201	35 011 129
ECD 30/2201–MO	35 011 145
ECD 30/2202	35 011 117
ECD 30/2202–MO	35 011 131
External seals kit	90 620 103

ECD 30/22.. valves can be assembled on standard bodies 30–L0 series; for dimensions see catalogue 16.010

On the ECD 30 valves must be assembled the Coils B30 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

TWO WAY TWO POSITIONS

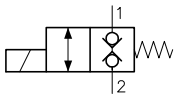
ECD 50/22..

08.090

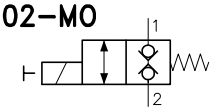
01.02

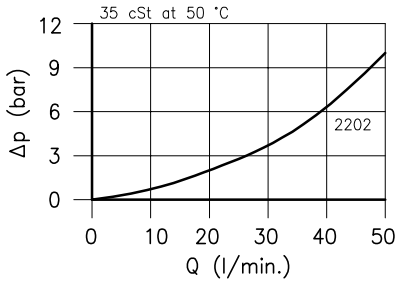
Technical features

02



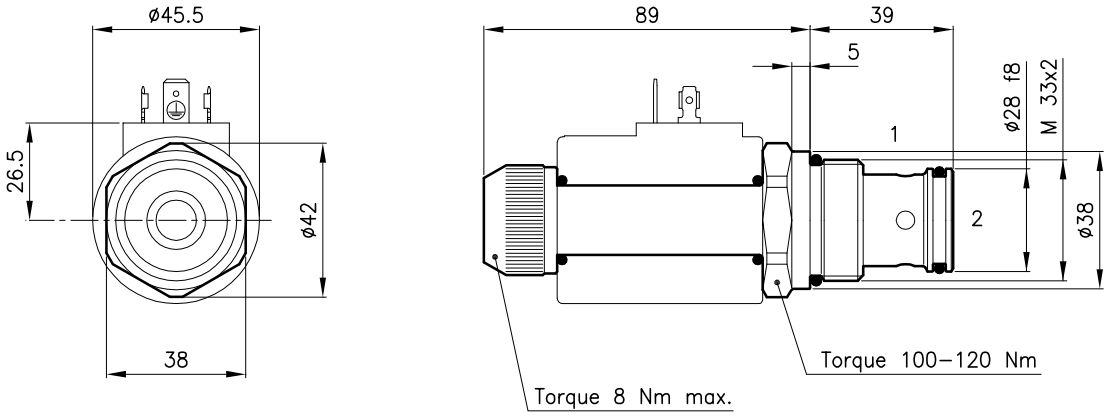
02–MO





Cavity (For dimensions see catalogue 17.000)		S 50/2
Max. flow 02/02–MO	(l/min.)	50
Max. pressure	(bar)	315
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	40 – 80 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.460
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

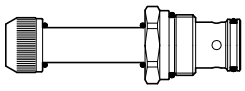
Dimensions



Ordering informations

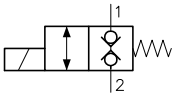
ECD 50/2202–MO

ECD 50/22.. = Valve type



Circuits

2202 =



MO = Manual override
(Omit if not request)

Codes:

ECD 50/2202	55 011 113
ECD 50/2202–MO	55 011 114
External seals kit	90 620 106

ECD 50/22.. valves can be assembled on standard bodies 50–LO series; for dimensions see catalogue 16.010

On the ECD 50 valves must be assembled the Coils B50 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

THREE WAY TWO POSITION

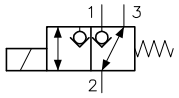
ECD 20/32..

08.095

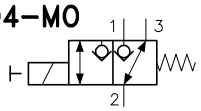
01.97

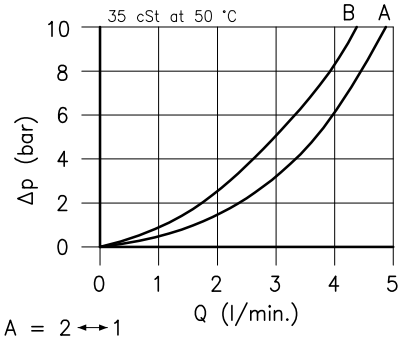
Technical features

04



04–MO



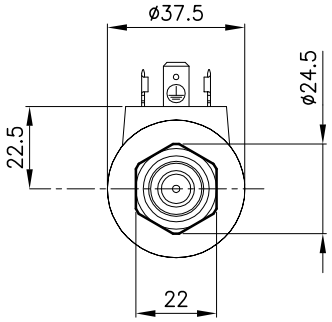


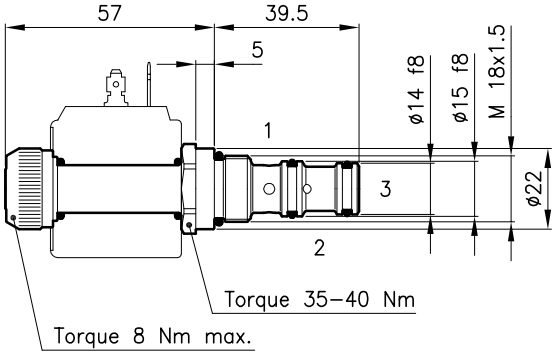
A = 2 ↔ 1

B = 2 ↔ 3

Cavity (For dimensions see catalogue 17.000)		S 20/3
Max. flow	(l/min.)	5
Max. pressure	(bar)	210
Response time It change in function of circuit, pressure, flow and fluid viscosity.	(ms)	20 – 40 (Mean value)
Fluid viscosity range	(cSt)	2.8 – 380
Fluid temperature range	(°C)	–20 +80
Mass	(kg)	0.140
Hydraulic fluid; mineral oil HM and HV ISO 6074		
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)		
Standard seals in Polyurethane and Buna N		

Dimensions

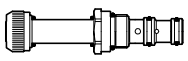




Ordering informations

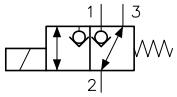
ECD 20/3204–MO

ECD 20/32.. = Valve type



Circuits

3204 =



MO = Manual override
(Omit if not request)

Codes:

ECD 20/3204	25 011 156
ECD 20/3204–MO	25 011 157
External seals kit	90 620 101

ECD 20/32.. valves can be assembled on standard bodies 20–C3 series; for dimensions see catalogue 16.010

On the ECD 20 valves must be assembled the Coils B20 series; for dimensions, features and codes see catalogues 09.900 and 09.901.

FLUCOM ITALY

SOLENOID VALVES POPPET–TYPE DIRECTIONAL

THREE WAY TWO POSITION

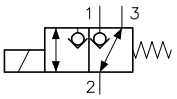
ECD 30/32..

08.100

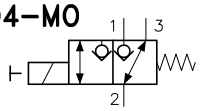
01.02

Technical features

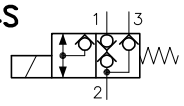
04



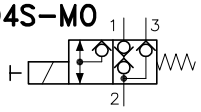
04–MO

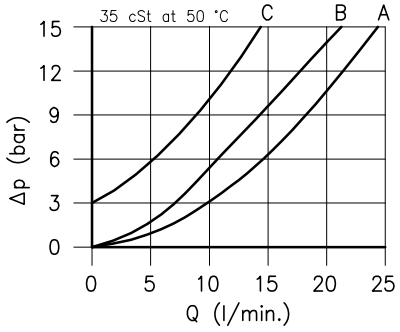


04S



04S–MO





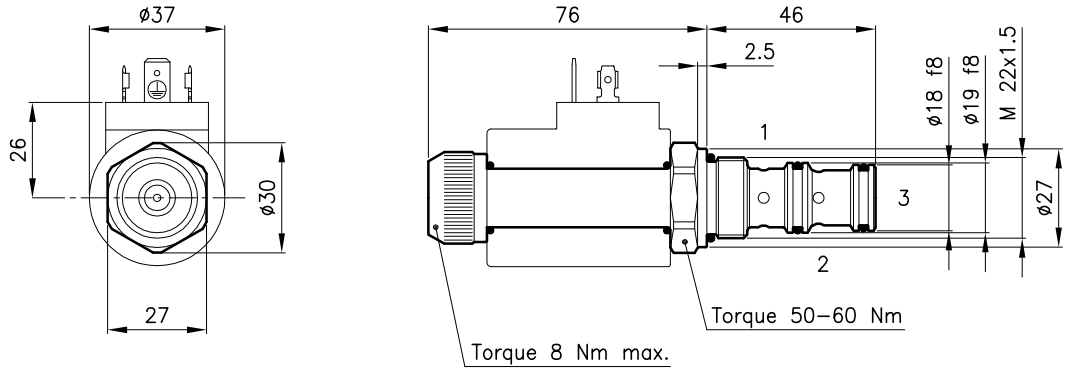
A = 2 ↔ 1 (3204)

B = 2 → 3 (3204) 2 ↔ 1 (3204S)

C = 3 → 2 (Q max. 15 l/min.)

Cavity	(For dimensions see catalogue 17.000)		S 30/3
Max. flow	3204/3204–MO	(l/min.)	25
Max. flow	3204S/3204S–MO	(l/min.)	20
Max. pressure		(bar)	315
Response time It change in function of circuit, pressure, flow and fluid viscosity.		(ms)	30 – 60 (Mean value)
Fluid viscosity range		(cSt)	2.8 – 380
Fluid temperature range		(°C)	–20 +80
Mass		(kg)	0.240
Hydraulic fluid; mineral oil HM and HV ISO 6074			
Recommended filtration; 19/15 ISO 4466 (25 μ absolutes)			
Standard seals in Polyurethane and Buna N			

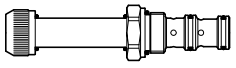
Dimensions



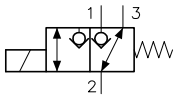
Ordering informations

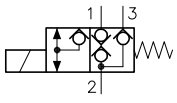
ECD 30/3204–MO

ECD 30/32.. = Valve type



Circuits

3204 = 

3204S = 

MO = Manual override
(Omit if not request)

Codes:

ECD 30/3204	35 011 126
ECD 30/3204–MO	35 011 127
ECD 30/3204S	35 011 148
ECD 30/3204S–MO	35 011 147
External seals kit	90 620 104

ECD 30/32.. valves can be assembled on standard bodies 30–C3 series; for dimensions see catalogue 16.010

On the ECD 30 valves must be assembled the Coils B30 series; for dimensions, features and codes see catalogues 09.900 and 09.901.