

Solenoid pilot actuated  
Soft seal spool valve  
Port size internal thread G 1/4 and G 1/2

- Straight-through flow, high  $C_V$ -factor
- Simple design of soft seal spool system
- Maintenance-free
- Easy to service
- Easily interchangeable solenoid system
- Compact design
- Mounting position optional

**Technical data**

## Fluid:

Filtered, lubricated<sup>1)</sup> or non-lubricated air

## Operation:

Solenoid pilot operated spool valve

## Flow direction:

Fixed

## Mounting position:

Optional

## Port size:

Internal thread G 1/4 and G 1/2

## Operating pressure:

1 to 10 bar

## Temperature range:

-10 to +50 °C

**Ordering example**

5/2 Directional Control Valve, DN 6,  
Port size: G 1/4, Solenoid IP 65, Form B:  
**2623000.3053**

**Further version:**

Internal thread NPT

<sup>1)</sup> Oil recommendation: Shell Hydrol DO 32, ESSO Febis K 32 (as of July 1992) or comparable oils with DVI values 8 (DIN 53521) and ISO viscosity class 32-46 (DIN 51519).



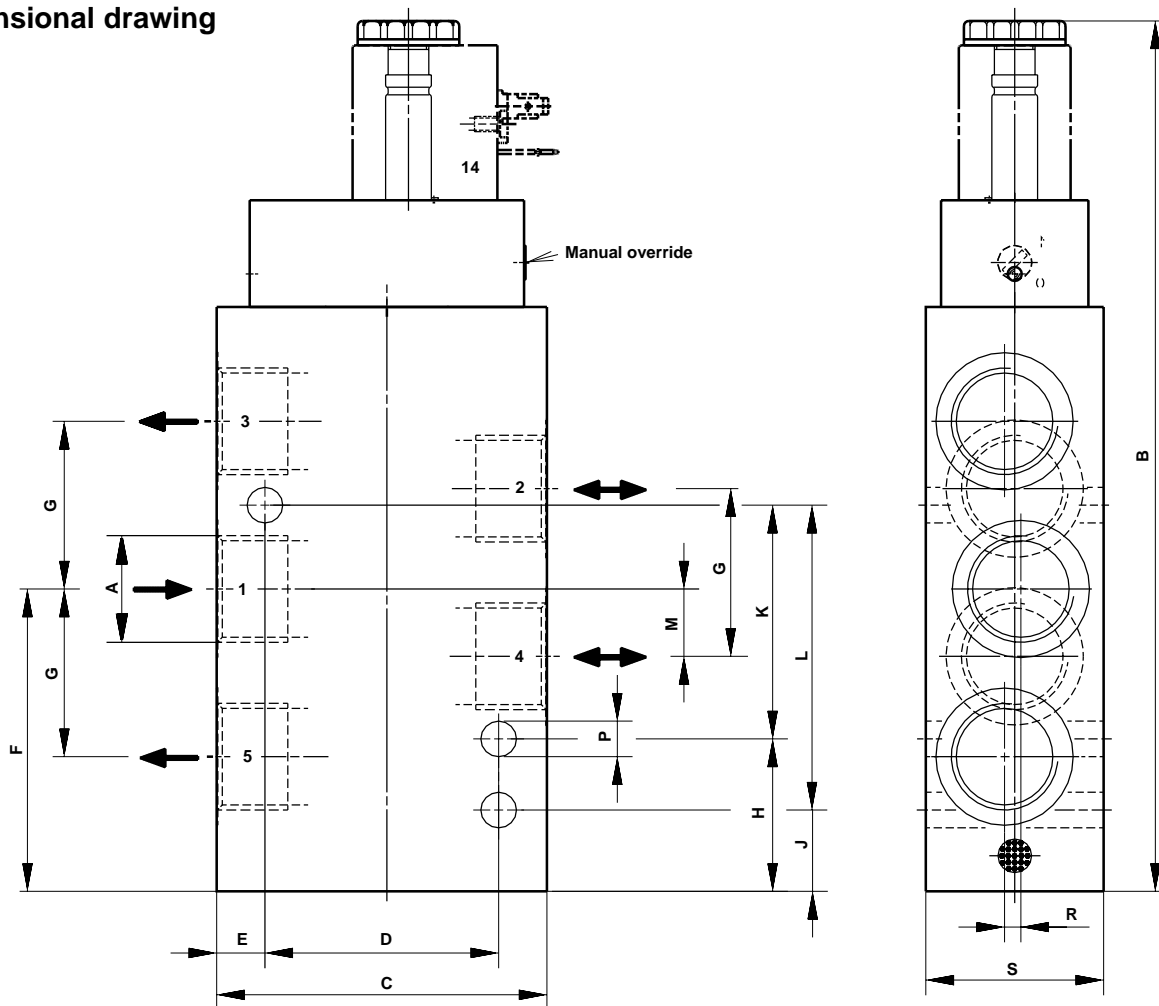
**General Information**

Symbol	Type	DN	Port size	Operating pressure	Flow rate <sup>1)</sup>	Manual override with/without detent	Power consumption	Weight	Dim. drawing
	Valve	Solenoid		[bar]	[l/min]		[W]	[kg]	[No.]
	2623000	Solenoids see side 23	6	G 1/4	1 ... 10	with	< 5	0,55	01
	2623001		6	G 1/4	2 ... 8	with	< 2	0,55	01
	2623002		6	G 1/4	1 ... 10	non	< 5	0,55	01
	2623003		6	G 1/4	2 ... 8	non	< 2	0,55	01
	2623500		12	G 1/2	2 ... 10	with	< 5	0,83	01
	2623501		12	G 1/2	2 ... 8	with	< 2	0,83	01
	2623100	Solenoids see side 23	6	G 1/4	1 ... 10	with	< 5	0,90	02
	2623101		6	G 1/4	2 ... 8	with	< 2	0,90	02
	2623600		12	G 1/2	2 ... 10	with	< 5	1,30	02
	2623601		12	G 1/2	2 ... 8	with	< 2	1,30	02

1) p1 = 6 bar, Δp = 1 bar

Manifold system see side 25

**Dimensional drawing**  
**01**



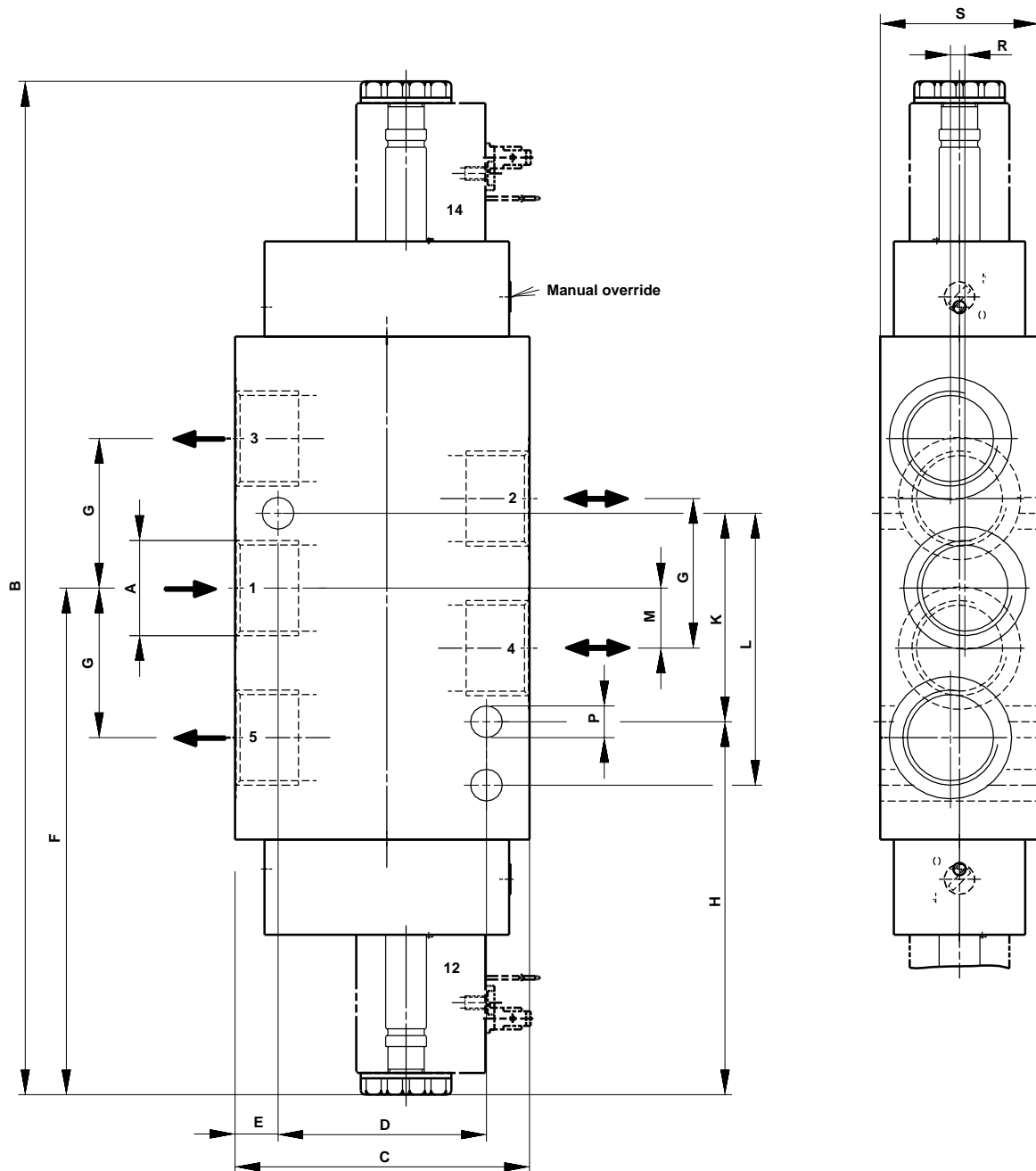
**Dimensional table [mm]**

Type	A	B	C	D	E	F	G	H	J	K	L	M	P	R	S
2623000	G 1/4	139,3	55	40	7,5	35	24	-	5	-	67	12	7	5	30
2623001	G 1/4	139,3	55	40	7,5	35	24	-	5	-	67	12	7	5	30
2623002	G 1/4	139,3	55	40	7,5	35	24	-	5	-	67	12	7	5	30
2623003	G 1/4	139,3	55	40	7,5	35	24	-	5	-	67	12	7	5	30
2623500	G 1/2	171,3	65	46	9,5	59,5	33	30	16	46	60	13	7	3,2	35
2623501	G 1/2	171,3	65	46	9,5	59,5	33	30	16	46	60	13	7	3,2	35



Dimensional drawing

02



Dimensional table [mm]

Type	A	B	C	D	E	F	G	H	J	K	L	M	P	R	S
2623100	G 1/4	214,6	55	40	7,5	107,3	24	77,3	-	67	-	12	7	5	30
2623101	G 1/4	214,6	55	40	7,5	107,3	24	77,3	-	67	-	12	7	5	30
2623600	G 1/2	223,6	65	46	9,5	111,8	33	82,3	-	46	60	13	7	3,2	35
2623601	G 1/2	223,6	65	46	9,5	111,8	33	82,3	-	46	60	13	7	3,2	35