

Direction-Control Valve (solenoid operation)

■GSL Series Large-Size 2-Way Valve (poppet type)

- The coil is a continuous rating type and can be energized over a long duration.
- Thanks to the direct current coil, the valve generates almost no noise during switching.
- Durable and reliable because the valve is a pressure balanced type.
- Almost no oil leaks because the valve is a poppet type.
- Pressure can be applied to both the primary/secondary sides.

■Specification

Type	Hydraulic designation	Maximum operating pressure (MPa)	Maximum flow (L/min)	Power supply (AC)	Approximate weight (kg)
GSL-24-1		70	20	100V	7
GSL-24-2				200V	
GSL-24C-1		70	20	100V	
GSL-24C-2				200V	

※See P. 202 for the solenoid specification.

G S L - 2 4

167.8
≒180

78.5

3 26 3

63.3 32

2-P9 O-ring

4-φ 8.5

≒161

116

42

90

91.5

For mounting a hexagon socket head cap screw
Solenoid position can be changed 90 deg to both right and left sides.

The "24" or "24C" stamp shows Normally Open or Normally Closed.

●Mounting bolts: Four MBH-55 are attached.

■Sub-Plate

GBP-24

4-φ 9

4-M8 tap depth 18

2-φ 7

T (P) P (T)

22 26 22

60 78.5 90

19 32 19

2-Rc1/2

27.5 54 9

100 120

GPS-23

4-M8 tap depth 16

5.75

32

4-φ 9 opening

φ 14 counterbore depth 25

2-φ 7

φ 106

3.5 30 90

20 26

8-Rc3/8

φ 124

30 30

20 17 26 63

4-φ 11.5 counterbore depth 1.5

GPS-24

4-M8 tap depth 16

5.75

2-φ 7

32

6-φ 9 opening

φ 14 counterbore depth 25

φ 106

78.5 90

5 30 20

Rc3/8

T P

4-Rc1/2

φ 124

25 25

20 43 63

6-φ 11.5 counterbore depth 1.5

■Specification

Type	Circuit designation	Connection diameter (Rc)	Remarks
GBP-24 Base plate		1/2	A base plate for stand-alone use. Both P and T ports can apply power.
GPS-23 Sub-plate		3/8	Used after stacked to the pumps (MP-5/6/12H/12/15H). Stand-alone use is also possible.
GPS-24 Sub-plate		1/2	Stacked to the pump (MP-15) to be used for a single-acting cylinder etc.

Hydraulic Valves