

ZEUS HYDRATECH LTD
Global Suppliers of Premium Hydraulic Components

Official UK Distributor for Daikin Hydraulic Components

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DAIKIN

The background features a series of blue spheres of varying sizes and opacities, arranged in a descending staircase pattern from the top right towards the bottom left. These spheres are overlaid on a grid of thin, light blue horizontal lines and a series of overlapping, thin blue circles that create a sense of depth and motion.





DAIKIN OIL HYDRAULIC EQUIPMENT





Weight (kg)



Model No.	①	②	③	Model No.	①	②	③	Model No.	②	③
JQ(C)-G03	3.5	3.8	4.3	JQ(C)-T03	2.9	3.1	3.6	JQC-F06	6.2	7.1
JQ(C)-G06	6	6.5	7.4	JQ(C)-T06	5	5.4	6.3	JQC-F10	3.5	15.2
JQ(C)-G10	11.5	12.8	14.5	JQ(C)-T10	9.8	11.1	12.8	JQC-F16	38.8	—

Note) Weight ① Single pilot type without check valve
 ② Single pilot type with check valve
 ③ Double pilot type with check valve

(6) : JIS hydraulic symbols

Model code	JQ-***-1*	JQ-***-2*	JQ-***-3*	JQ-***-4*
Name	Relief	Sequence valve	Sequence valve	Unload valve
Pilot method	Internal pilot type	Internal pilot type	External pilot type	External pilot type
Drain method	Internal drain type	External drain type	External drain type	Internal drain type
JIS hydraulic symbols				

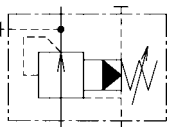
Model code	JQC-***-1*	JQC-***-2*	JQC-***-3*	JQC-***-4*
Name	Counter balance valve	Sequence valve with check valve	Sequence valve with check valve	Counter balance valve
Pilot method	Internal pilot type	Internal pilot type	External pilot type	External pilot type
Drain method	Internal drain type	External drain type	External drain type	Internal drain type
JIS hydraulic symbols				

Model code	JQC-***-1*-W	JQC-***-2*-W
Name	Counter balance valve	Counter balance valve
Pilot method	Internal · External pilot type	Internal · External pilot type
Drain method	Internal drain type	External drain type
JIS hydraulic symbols		

Low pressure reducing valve



JIS symbols



Features

- Used when pressure in a partial oil circuit is set lower than a main circuit.
- Even if the primary main circuit varies, the secondary pressure can be kept constant.
- If a remote control relief valve is connected to a vent port, the branch circuit pressure can be controlled.
- The structure to prevent surge pressure is available as option.

Nomenclature

* - **SGB** - **G 03** - **1** - **20** - **

1 2 3 4 5 6 7

(1) Nomenclature of applied fluid

No mark : Working oil with petroleum contents,
 Working oil with water/glycol
 F : Working oil with phosphoric acid ester

(2) Model No. SGB : S series low pressure reducing valve

(3) Connections G : Gasket attached type

(4) Nominal diameter 03 : 3/8

(5) Pressure adjusting range
 1 : 0.15~0.7MPa {1.5~70kgf/cm²}

(6) Design number (design number is subject to change)

(7) Option mark

No mark : Without surge pressure prevention structure
 SP : With surge pressure prevention structure

Specifications

Model code	Nom. Dia.	Max. operating pressure MPa {kgf/cm ² }	Pressure adjusting range MPa {kgf/cm ² }	Max. flow rate L/min	Weight kg
SGB-G03-1-20	3/8	14 {140}	0.15~7 {1.5~70}	30	3.5



Our international sales network covers every jurisdiction. Our global shipping partners mean you can be sure we're on hand whenever you need us.

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