

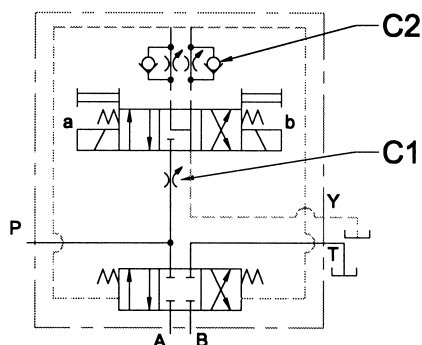
Solenoid Controlled Pilot Operated Directional Valve

DAIWER



DSHG-04

JIS Graphic Symbol With Pilot Choke Valve Ex) DSHG-04



Model Number Designation

DSHG-04-3C2-C1-AK-E T-A110-※

Series Number
(Sub-plate mounting)

Valve Size

Spool Type
(See P-59)

With Pilot Choke Valve

C1 : With P Choke Valve

C2 : With A, B Choke Valve

C1C2 : With P & A, B Choke Valve
(Omit if not Required)Design Number
20:Standard Type
30:DIN TypeCoil Type
A110, A220, D24,
R110, R220, etcInternal Drain
(Omit for External Drain)External Pilot
(Omit for Internal Pilot)Adjusting Way
AK:A Adjust
BK:B Adjust
WK:A, B Adjust
(Omit if not Required)

Mounting Bolts

| Valve Model No. | Socket Head Cap Screw | Qty. | Tightening Torque kgf · m |
|-----------------|-----------------------|------|---------------------------|
| DSHG-04 | M6 X 45 Lg | 2 | 1.2 - 1.5 |
| | M10 X 50 Lg | 4 | 5.9 - 7.3 |
| DSHG-06 | M12 X 60 Lg | 6 | 10.2 - 12.5 |
| DSHG-10 | M20 X 75 Lg | 6 | 48.2 - 59.7 |

DSHG-06

Ratings








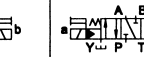
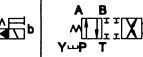



| Valve Size | Model No. | Max. Flow l/min | Pilot Pressure kgf/cm ² | Max. T-Line Back Pressure kgf/cm ² | Max. Changeover Frequency Cycles/min | Mass kg |
|------------|-----------------|-----------------|------------------------------------|---|--------------------------------------|---------|
| 1/2 | DSHG-04-3C※-※-※ | 300 | 8-250 | 210 (160)* | 120 | 8.8 |
| | DSHG-04-2N※-※-※ | | | | | 8.2 |
| | DSHG-04-2B※-※-※ | | | | | 8.2 |
| 3/4 | DSHG-06-3C※-※-※ | 500 | 8-250 | 210 (160)* | 120 | 12.7 |
| | DSHG-06-2N※-※-※ | | | | | 12.1 |
| | DSHG-06-2B※-※-※ | | | | | 12.1 |
| 1 1/4 | DSHG-10-3C※-※-※ | 1100 | 10-250 | 210 (160)* | 120 | 45.3 |
| | DSHG-10-2N※-※-※ | | 10-210 | | 100 | 45.3 |
| | DSHG-10-2B※-※-※ | | 10-210 | | 60 | 44.7 |

* Where internal drain models selected, maximum T-line back pressure is reduced to 160 kgf/cm²

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Valve Type

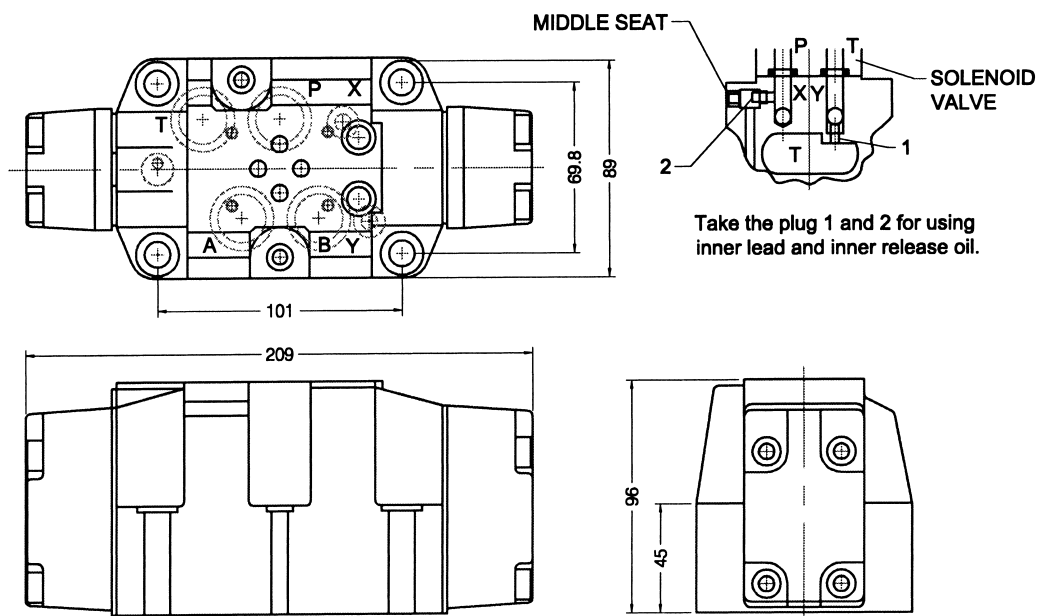
| Valve Type | 3C2 | 3C3* | 3C4 | 3C40 | 3C5* | 3C6* |
|------------------|---|---|---|--|---|---|
| Graphical Symbol |  |  |  |  |  |  |
| Valve Type | 3C60* | 3C12 | 2B2 | 2B7* | 2N2 | 2N7* |
| Graphical Symbol |  |  |  |  |  |  |

Note

1. Valves, other than the types above are available, please contact with our sales engineers for your requirements.
2. Classification of application on spool type "3", "5", "6", "60", and "7" has been described as below.

| Pilot Connection | Drain Connection | Care in Application |
|--------------------|--------------------|---|
| Internal Pilot | External Drain | Hold back pressure in the tank line so that the difference between pilot pressure and drain pressure is always more than minimum required pilot pressure. |
| | Internal Drain (T) | Combination not available. |
| External Pilot (E) | External Drain | No limitation in use. |
| | Internal Drain (T) | |

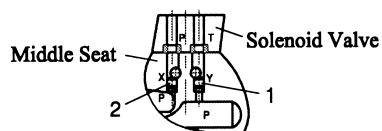
DSHG-04



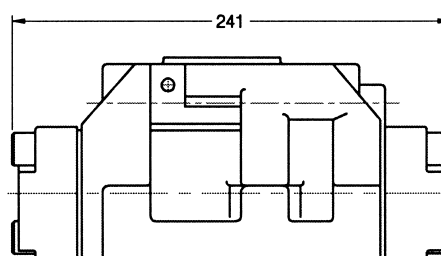
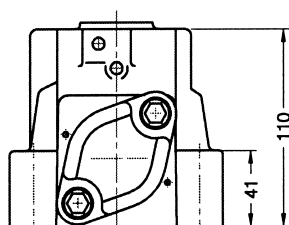
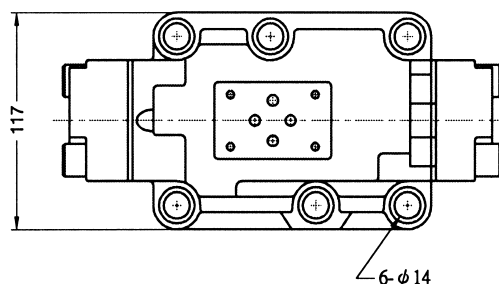
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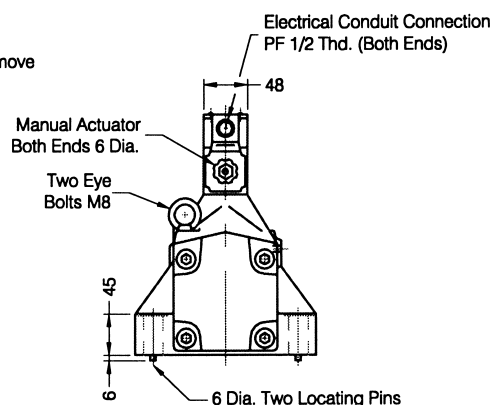
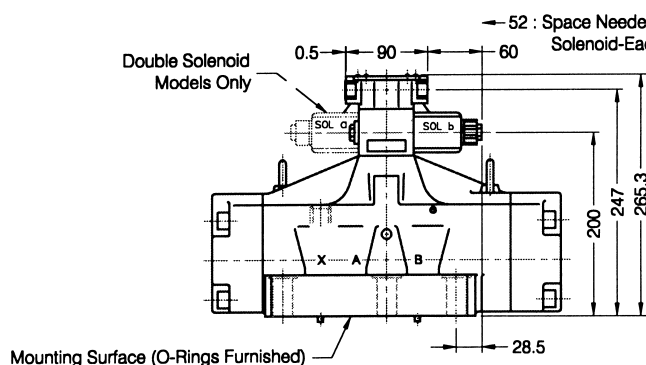
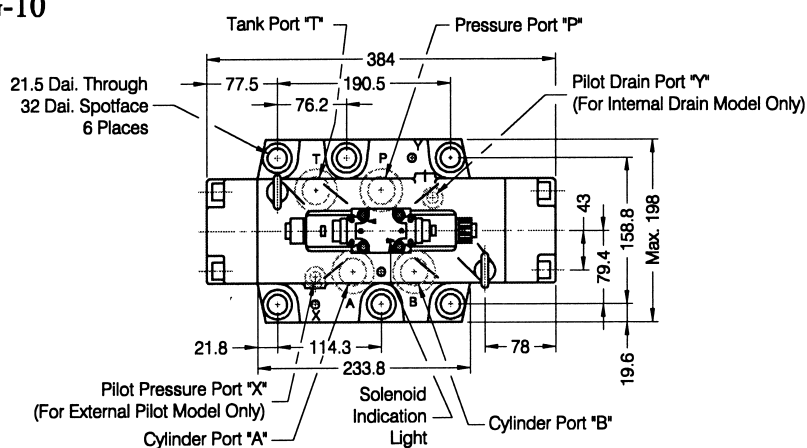
DSHG-06



Take the plug 1 and 2 for using
inner lead and inner release oil.



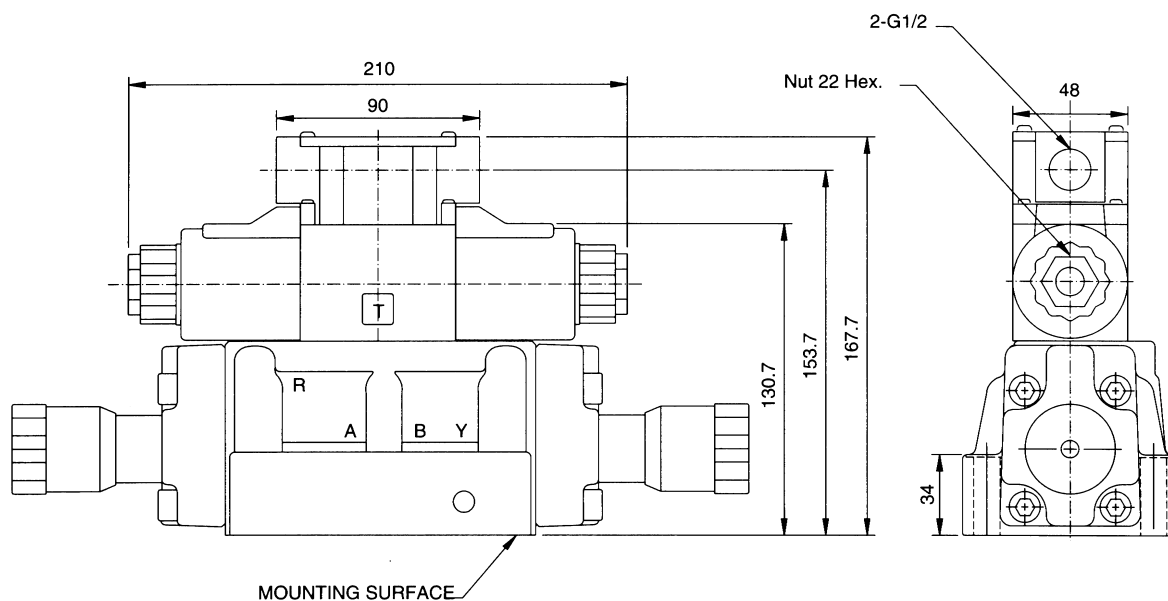
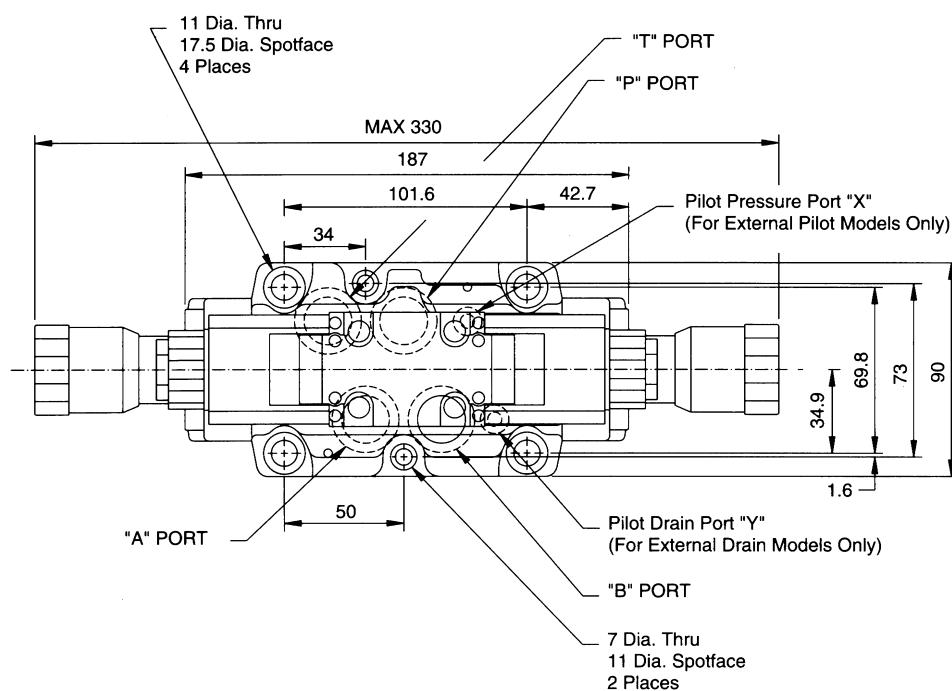
DSHG-10



Solenoid Controlled Pilot
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■ DSHG-04-WK



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■ DSHG-06-WK

