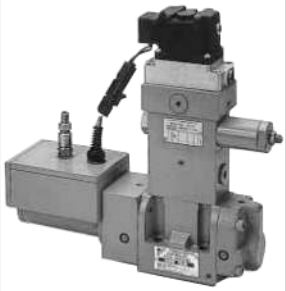
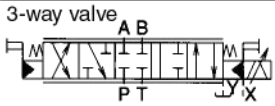
Solenoid pilot type servo valve

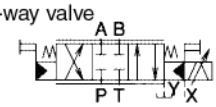


JIS symbols

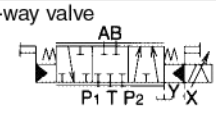
3-way valve



4-way valve



5-way valve



Features

- Suits a closed loop control of position, speed and pressure of main machine's actuator.
- As a pilot valve adopts large sized orifice nozzle for a nozzle flapper type,anti-contaminant characteristics is strengthen.
- A driver is mounted on a valve.
- As option with pressure sensor is provided, closed loop control can be easily performed.

Specifications

Model code	Nom. Dia.	Max. operating pressure MPa {kgf/cm²}	Rated flow rate ★1 L/min	Drain line permissible back pressure MPa {kgf/cm²}	Hysteresis resolution power repeated characteristics	Pilot valve			Weight kg
						Supply pressure MPa {kgf/cm²}	Required flow rate L/min	Saturated amperes mA	
JSES-G03-3-20	3/8	21 {210}	190	1.4 {14}	0.5% or less	3~5 {30~50}	2.7~3.5	250	9.9
JSES-G03-41-20			45						
JSES-G03-42-20			95						
JSES-G03-43-20			190						
JSES-G03-5-20			360						
JSES-G04-3-20	1/2		540			3~7 {30~70}	4.2~6.5		11.5
JSES-G04-4-20			500						

Note) ★1 The rated flow rate is the one under the conditions bellow.

○ Servo type 3,5 : 1 land differential pressure ΔP = 3.5 MPa {35kgf/cm²}
(For servo type 5, it is a value when P1→A and P2→B join together.)

○ Servo type 4 : Valve differential pressure ΔP = 7MPa {70kgf/cm²}