

Controlling Control valve



High Quality and Reliability

- Decades of experience in supplying reliable & long lasting products to the market.

Superior Operability and Productivity

- Recommended hydraulic circuit optimized for the operation of various actuators.

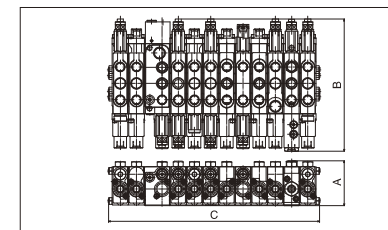
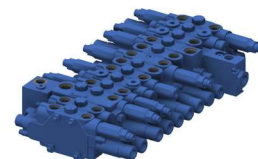
Low Energy Consumption

- Minimal pressure drop achieved by optimizing the internal passages

Customization

- A variety of options and features available to meet customer requirements

NSC/BCV Series



[Main Application]

- Main control valves for mini hydraulic excavators

[Features]

- Supports complex operations required of a mini hydraulic excavator
- Compact design with highly flexible layout

■ Specification

		NSC10	BCV35	BCV65
Structure		Sectional Type	Sectional Type	Sectional Type
Number of Pumps		2 or 3	2 or 3	3
Max. Pressure	MPa	20.6	24.5	24.5
Rated Flow Rate	L/min	15	35	65
Spool Operation	Manual	✓	✓	✓
	Pilot	✓	✓	✓
	Solenoid	-	-	-
Applicable Excavator Weight (ref.)	ton	0.5~1.9	2~4	4~6

✓ : Available

■ Optional Functions

		NSC10	BCV35	BCV65
Pump Unload		✓	✓	✓
Travel	Straight	✓*	✓	✓
	Independent	✓*	✓	✓
Confluence	Option Section	✓	✓	✓
	Arm	✓	✓	✓
	Boom	✓	✓	✓
Floating	Dozer	-	✓	-
Holding Valve	Boom	✓	✓	✓
Signal Circuit	Auto Idling	-	✓	✓
	Travel Signal	-	✓	✓

* Some exceptions exist ✓ : Available

■ Outline Dimensions

		NSC10	BCV35	BCV65
A	mm	73.5	86	107
B	mm	234	253	315
C	mm	Depends on number of blocks	Depends on number of blocks	Depends on number of blocks
Bank Width	mm	24	31	38