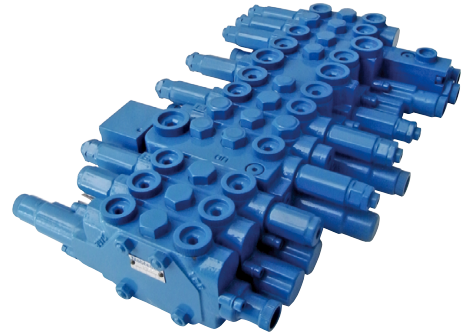


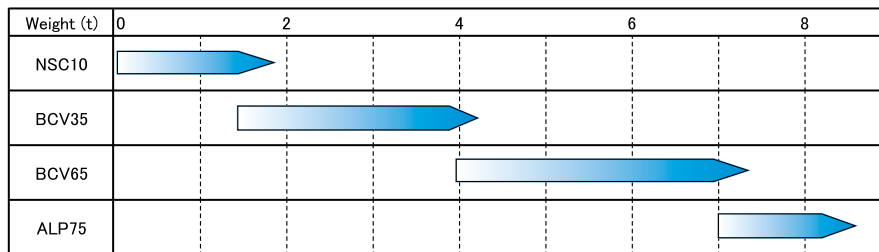
# Multiple Control Valves

- **Main Application** / Excavators (for Mini & Midi class)
- **Features**
  - / • Various functions
  - Compact design and space saving
  - Precise control



BCV35

Specifications		NSC10 (2 pump system)	NSC10 (3 pump system)	BCV35	BCV65	ALP75
Structure		Sectional Type	Sectional Type	Sectional Type	Sectional Type	Monoblock Type
Number of Pumps		2	3	3	3	2 or 3
Rated Pressure	MPa	20.6	20.6	24.5	24.5	29.4
	(kgf/cm <sup>2</sup> )	(210)	(210)	(250)	(250)	(300)
Rated Flow per pump	L/min	15	15	35	65	75
Bank Width	mm	24	24	31	38	-
Spool Diameter	mm	φ10	φ10	φ12	φ14.5	φ16
Spool Operation	Manual	A	A	A	A	-
	Pilot	A	A	A	A	A
Applicable Excavator Weight	ton	0.5~1.5	0.5~1.5	1.5~4.0	4.0~7.0	7.0~8.0



Functions		NSC10 (2 pump system)	NSC10 (3 pump system)	BCV35	BCV65	ALP75
Unload		NA	A	A	A	NA
Signal Core	Auto Idle Signal	NA	NA	A	A	A
	Travel Signal	NA	NA	A	A	NA
Travel	Straight	A*1	NA	A	A	A
	Independent	NA	A*2	A	A	NA
Confluence	Option Section	A	A	A	A	NA
	Arm	NA	A	A	A	A
	Boom	NA	A	A	A	A
Floating	Dozer	NA	NA	A*3	NA	NA
Holding Valve	Arm	NA	NA	NA	NA	A
	Boom	NA	NA	A	A	A
Arm Regeneration		NA	NA	A	A	A
Boom Priority with Bucket		A	A	A	A	A
Accessory Valve		A	A	A	A	A

All data are subject to improvements and changes without notice.  
For more detail information, please consult us.

(\*1):only with dozer operation  
(\*2):except with Bucket operation  
(\*3):manual operation only

# UN

**Main application**

Control valve for mid-sized construction machinery

**Features**

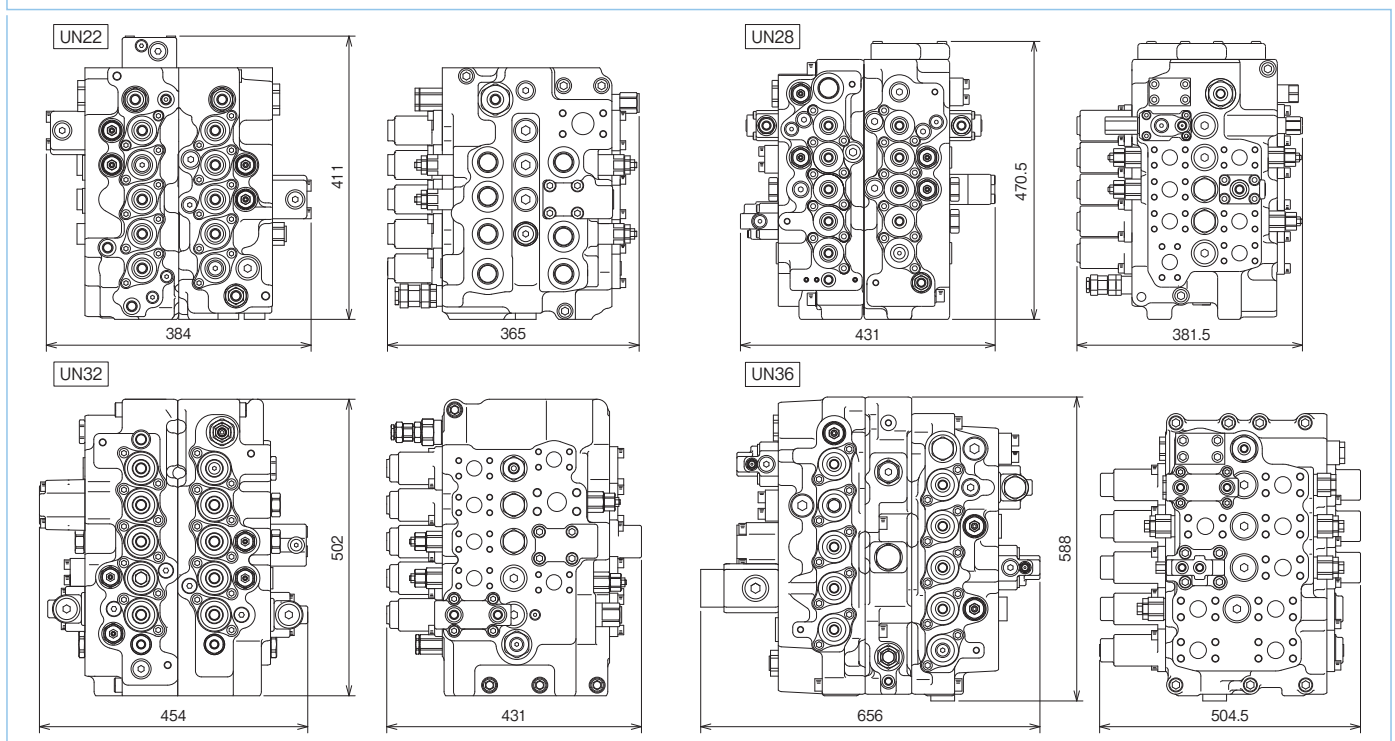
1. Excellent controllability and productivity
  - Optimizing hydraulic circuit for the movement of each actuator
2. Energy saving
  - High flow, low pressure drop capability by optimizing internal passage
3. High level functionality and customizability
  - Enable to incorporate the regeneration function, the priority function, other functions which the customer needs.



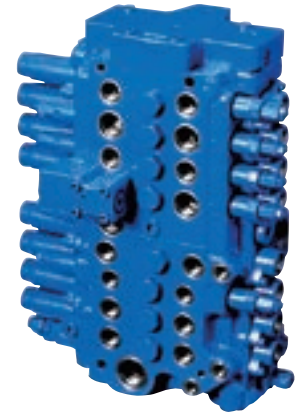
UN32

Specification		UN22	UN28	UN32	UN36
<b>Configuration structure</b>		2 blocks	2 blocks	2 blocks	3 blocks
<b>Number of pump</b>		2	2	2	2
<b>Max. pressure</b>	MPa	35	36	36	35
<b>Rated flow</b>	L/min	160×2	280×2	330×2	540×2
<b>Spool control</b>	Manual	×	×	×	×
	Hydraulically pilot operated	○	○	○	○
<b>Basic number of section</b>		9	9	9	9
<b>Additional section</b>		○	○	×	×
<b>Function</b>	BM priority	○	○	○	○
	SW priority	○	○	○	○
	Travel straight	○	○	○	○
	BM regeneration	○	○	○	○
	AM regeneration	○	○	○	○
	Pressure rise	○	○	○	○
	Lock valve(BM)	○	○	○	○
	Lock valve(AM)	○	○	○	○
	Signal circuit(Auto idling)	○	○	○	○
	Signal circuit(Traveling individually)	○	○	○	○
<b>Unit weight(Standard specification)</b>	kg	145	190	240	430
<b>Application excavator weight</b>	ton	11~16	16~24	14~36	36~

## Outline dimensions



# iB18



iB18

**Main application**

Control valve for small-sized construction machinery

**Features**

- 1.High controllability and productivity
  - Uniquely developed load sensing system
- 2.Energy saving
  - Efficient conflux circuit,bleed circuit
- 3.Capability of adapting for various attachments
  - Up to 11 sectional valves can be added consecutively.

Specification		iB18
Configuration structure		Mono block
Number of pump		1
Max.pressure	MPa	32
Rated flow	L/min	190
Spool control	Manual	×*1
	Hydraulically pilot operated	○
Basic number of section		9
Additional section		○
Function	BM regeneration	○
	AM regeneration	○
	Pressue rise	○
	Lock valve(BM)	○
	Signal circuit(Auto idling)	○
Unit Weight(Standard specification)	kg	70
Application excavator weight	ton	7~9

\*1: Available for dozer section only

## Outline dimensions

