

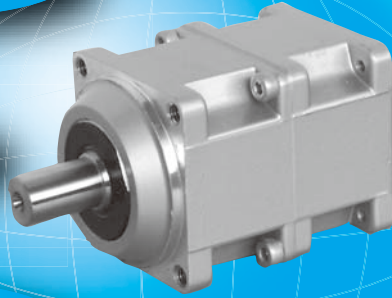
The Most Compact Class in the World

The most compact reducer realizing 40mm size

Compact

Light weight

**30W, 50W,
100W**



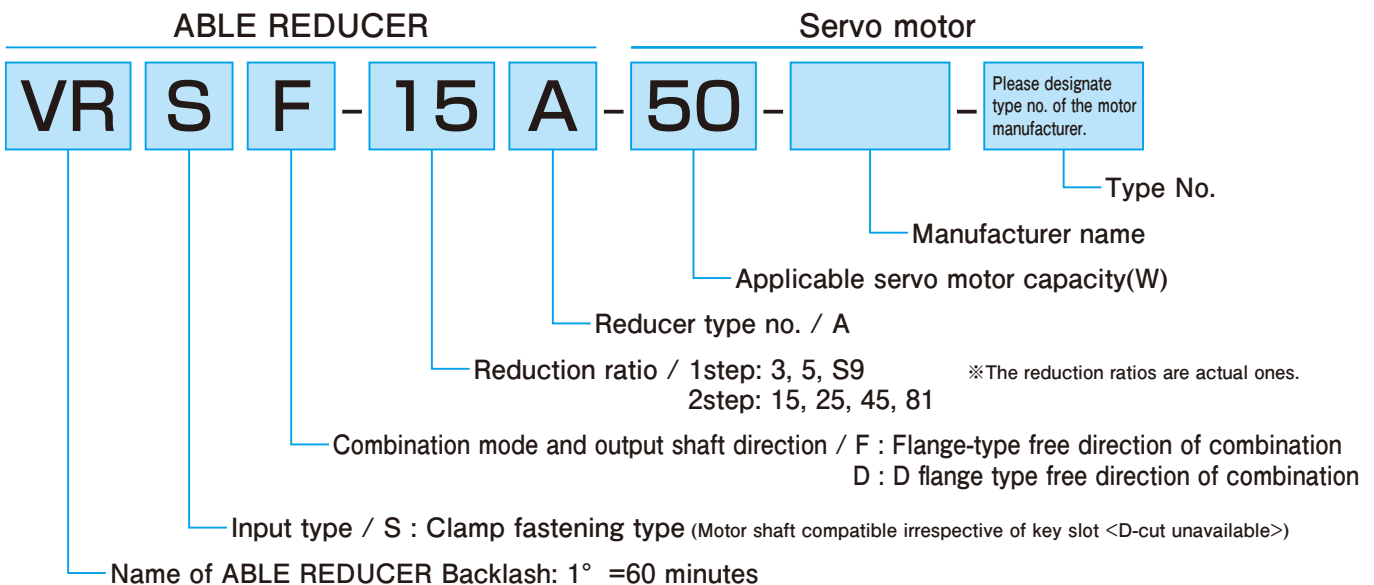
Able reducer
Compact type A

Greatly effective in making compact and lightweight devices and equipment, and at the same time, maximizes characteristics of the compact servo motor.

Reduction ratios of 1/3, 1/5, 1/9, 1/15, 1/25, 1/45, and 1/81, and combined motor capacities of 30W, 50W, and 100W into series

Backlash 1° (60 min)

Model & type symbols



■ Type no.

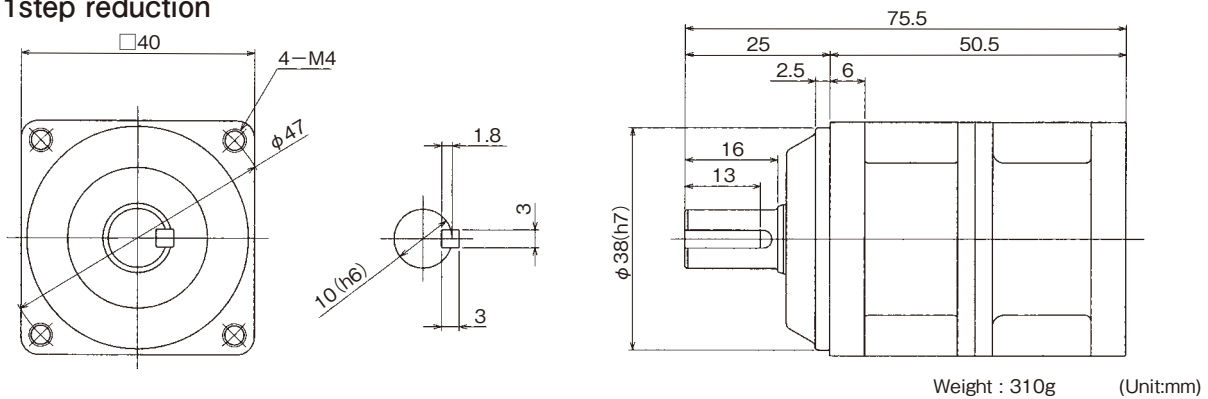
Reduction ratio Capacity(W)	1step reduction			2step reduction			
	1/3	1/5	1/9	1/15	1/25	1/45	1/81
30W	A						
50W							
100W							

■ Performance table If input speed is 3000rpm

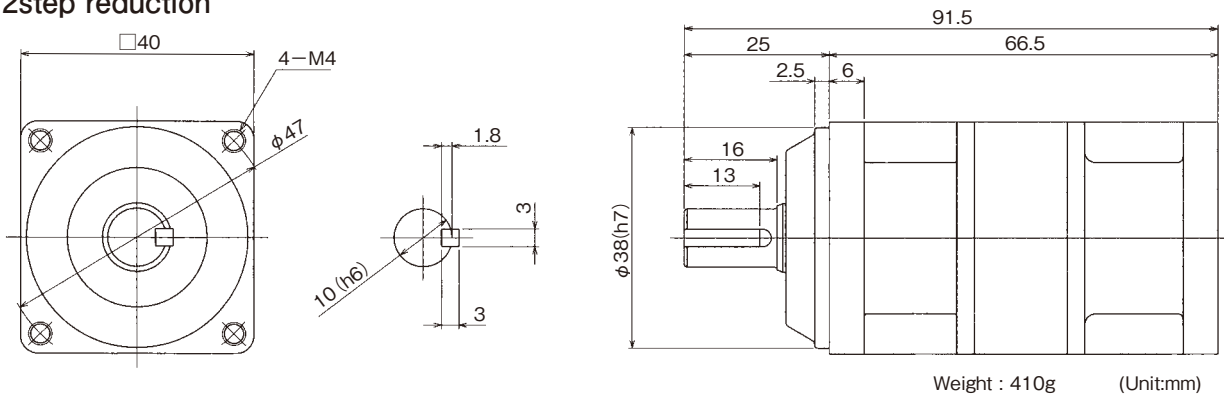
Reduction ratio	Type				Output speed (rpm)	Permissible radial load (N)	Permissible thrust load (N)	Permissible output torque (N · m)	Max. instantaneous permissible output torque (N · m)
	Model	Reduction ratio	Type no.	Motor cap.					
1/3	VR □ F	-3	A	-30	1000	196	98	1.0	2.9
	VR □ F	-3	A	-50					
	VR □ F	-3	A	-100					
1/5	VR □ F	-5	A	-30	600	235	118	1.6	4.8
	VR □ F	-5	A	-50					
	VR □ F	-5	A	-100					
1/9	VR □ F	S9	A	-30	333	314	157	1.4	4.3
	VR □ F	S9	A	-50					
1/15	VR □ F	-15	A	-30	200	412	206	2.4	7.2
	VR □ F	-15	A	-50					
1/25	VR □ F	-25	A	-30	120	470	235	2.4	7.2
1/45	VR □ F	-45	A	-30	66	470	235	2.4	7.2
1/81	VR □ F	-81	A	-30	37	470	235	2.4	7.2

■ Dimensional drawing

● 1step reduction



● 2step reduction



※For combination of motors, contact us.