

Dear PISCO customers,

Release of Speed Controller Small type and Throttle Valve Small type and Discontinuation of JSU□ and JNU□

We are very glad to introduce new line-ups of Speed Controller Small type and Throttle Valve Small type (both Union type) which realizes smaller size. With the introduction of these models, we are afraid to announce but we are going to discontinue current available models with the following schedule.

We are very sorry for the inconvenience caused by this. We hope you understand and welcome our new sales strategy.

Thank you.

1. Model code and release date of new items

Speed Controller Small Union Straight, Model code: JSMU ①②-③

*There is no spring return specification available, but new models can be used as same as spring return specification models owing to the design change.

Throttle Valve Small Union Straight, Model code : JNMU ①②-③

- ①Size: [mm] ø4, ø6, ø8, ø10, ø12
[inch] ø5/32, ø3/16, ø1/4, ø5/16, ø3/8, ø1/2
- ②Body color: No entry (Black), W (Light gray)
- ③Package option: No entry (Standard package), C (Clean-room package)*
- *Clean pkg. body color: Light gray for resin body, Light blue for release-ring

Release date : July 1, 2014

2. Discontinuation of running models

Speed Controller Union Straight Model code: JSU□ (Example) JSU4
Throttle Valve Union Straight Model code: JNU□ (Example) JNU4

Time of discontinuation : October, 2014

*As soon as the stock runs out, we will stop distribution.

3. Comparison of current model and new model

【Speed controller】

【Throttle valve】



4. Other information

The following models are only subject to model code change (from July 1, 2014).
The design is not going to change.

(Running model)	JSU180L	→	(New Models)	JSMU180L
	JSU2L	→		JSMU2L
	JSU3L	→		JSMU3L

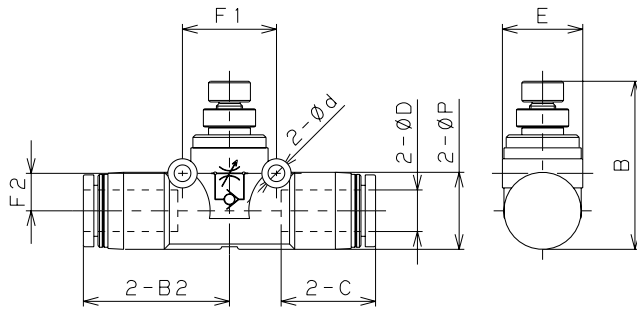
※Please refer to the next sheet for the dimensions.

※Please make inquiries to following sales office.

Overseas Operation Team	TEL: +81-(0)265-76-7751 FAX: +81-(0)265-76-3305
	E-mail: intl@pisco.co.jp
	URL: http://en.pisco.co.jp/

Comparison of Appearance dimensions

[Speed Controller Union Straight]



Note) The volume is calculated by B(min)×B2×2×E.

◆ Running Models

Model	Tube O.D.∅	Model	Tube O.D. ∅	B		B2	C	∅ P	F1	F2	∅ d	E	Weight	Volume ratio
				max	min								(g)	
JSU4	4	JSU5/32	5/32	28.6	25.9	20.4	14.9	10.5	14	6.5	3.2	11	13	100.0%
		JSU3/16	3/16	42.6	36.5	24.9	17.3	13	20	8.5	4.3	15	29	100.0%
JSU6	6	JSU1/4	1/4	42.6	36.5	24.9	16.9	13	20	8.5	4.3	15	29	100.0%
JSU8	8	JSU5/16	5/16	47.3	41.1	27.4	18.1	15	22	9.5	4.3	18	43	100.0%
JSU10	10	JSU3/8	3/8	53.5	45.9	31.7	20.7	18	26	11	4.3	21	71	100.0%
JSU12	12			56.7	49.1	37.2	23.4	21	32	13	4.3	28	115	100.0%
		JSU1/2	1/2	56.7	49.1	37.2	23.7	21	32	13	4.3	28	115	100.0%

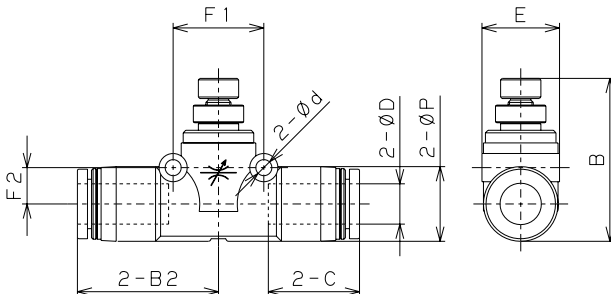
Unit: mm

◇ New Models

Model	Tube O.D.∅	Model	Tube O.D. ∅	B		B2	C	∅ P	F1	F2	∅ d	E	Weight	Volume ratio
				max	min								(g)	
JSMU4	4	JSMU5/32	5/32	26.0	23.6	21	14.9	10	12.7	4.8	3.2	10.5	8.9	89.5%
JSMU6	6	JSMU1/4	1/4	31.6	27.8	24.4	17	12.5	14.8	6.2	3.2	13.1	14	65.2%
JSMU8	8	JSMU5/16	5/16	35.9	32.3	28	18.1	14.8	18.2	7.2	3.2	15.4	25	68.7%
JSMU10	10	JSMU3/8	3/8	41.7	38	31.8	20.2	18.2	22.2	8.7	4.2	19.7	46	77.9%
JSMU12	12			45.8	42.1	36.9	23.4	21.2	25.7	10.2	4.2	22.7	65	69.0%
		JSMU1/2	1/2	45.8	42.1	37.2	23.7	21.2	25.7	10.2	4.2	22.7	65	69.0%

Unit: mm

[Throttle Valve Union Straight]



Note) The volume is calculated by B(min)×B2×2×E.

◆ Running Models

Model	Tube O.D.∅	Model	Tube O.D. ∅	B		B2	C	∅ P	F1	F2	∅ d	E	Weight	Volume ratio
				max	min								(g)	
JNU4	4	JNU5/32	5/32	28.6	25.9	20.4	14.9	10.5	14	6.5	3.2	11	13	100.0%
		JNU3/16	3/16	42.2	36.4	24.9	17.3	13	20	8.5	4.3	15	30	100.0%
JNU6	6	JNU1/4	1/4	42.2	36.4	24.9	16.9	13	20	8.5	4.3	15	30	100.0%
		JNU5/16	5/16	46.8	40.9	27.4	18.4	15	22	9.5	4.3	18	45	100.0%
JNU8	8			46.8	40.9	27.4	18.1	15	22	9.5	4.3	18	45	100.0%
JNU10	10	JNU3/8	3/8	52.6	45.8	31.7	20.7	18	26	11	4.3	21	75	100.0%
JNU12	12			56.7	49.1	37.2	23.4	21	32	13	4.3	28	127	100.0%
		JNU1/2	1/2	56.7	49.1	37.2	23.7	21	32	13	4.3	28	127	100.0%

Unit: mm

◇ New Models

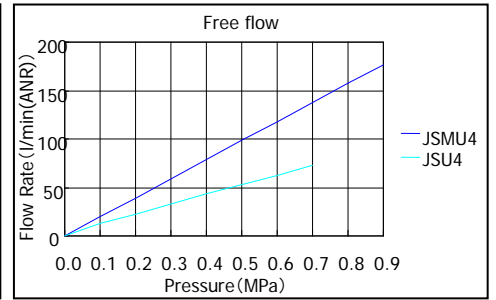
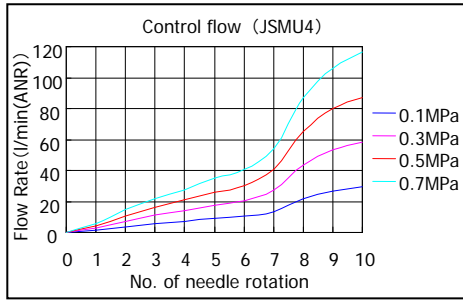
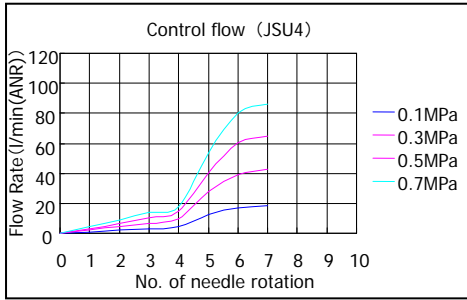
Model	Tube O.D.∅	Model	Tube O.D. ∅	B		B2	C	∅ P	F1	F2	∅ d	E	Weight	Volume ratio
				max	min								(g)	
JNNU4	4	JNNU5/32	5/32	25.5	23.1	21	14.9	10	12.7	4.8	3.2	10.5	8.9	87.6%
JNNU6	6	JNNU1/4	1/4	31.6	27.8	24.4	17	12.5	14.8	6.2	3.2	13.1	14	65.4%
JNNU8	8	JNNU5/16	5/16	35.7	32	28	18.1	14.8	18.2	7.2	3.2	15.4	25	68.6%
JNNU10	10	JNNU3/8	3/8	41.9	38	31.8	20.2	18.2	22.2	8.7	4.2	19.7	45	78.1%
JNNU12	12			46.0	42.1	36.9	23.4	21.2	25.7	10.2	4.2	22.7	65	69.0%
		JNNU1/2	1/2	46.0	42.1	37.2	23.7	21.2	25.7	10.2	4.2	22.7	65	69.0%

Unit: mm

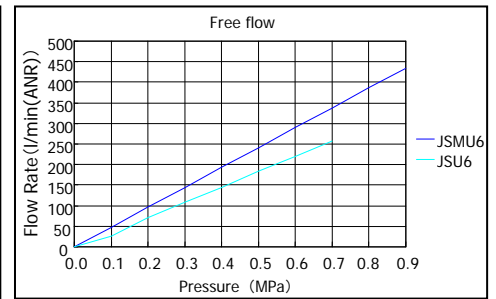
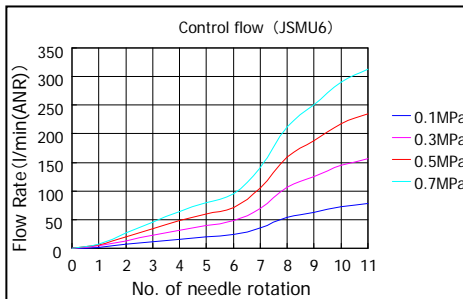
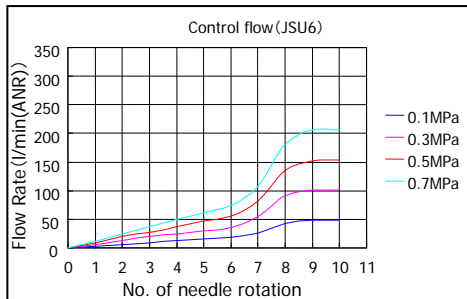
Flow characteristic comparison

【Speed Controller】

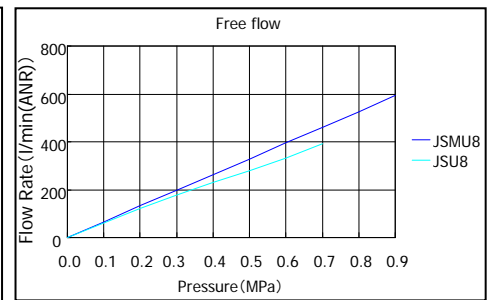
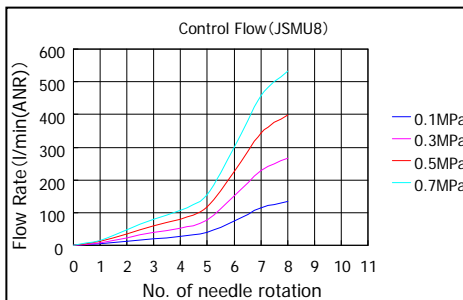
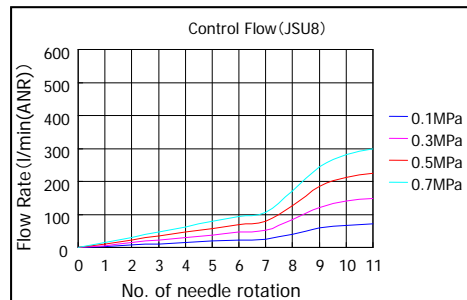
Tube O.D. $\varnothing 4$ mm & $\varnothing 5/32$ inch



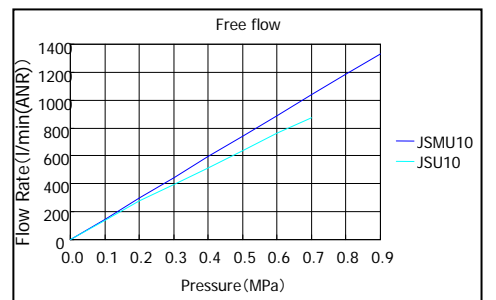
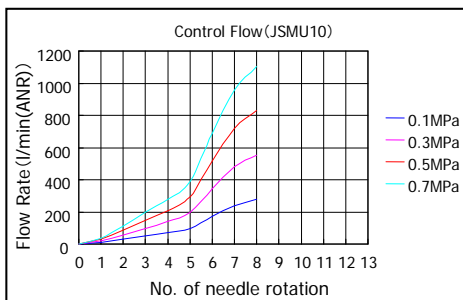
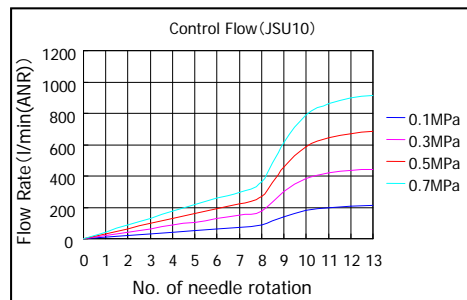
Tube O.D. $\varnothing 6$ mm & $\varnothing 1/4$ inch



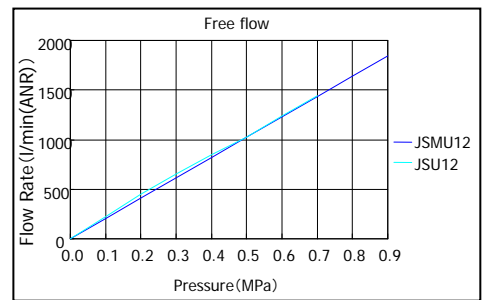
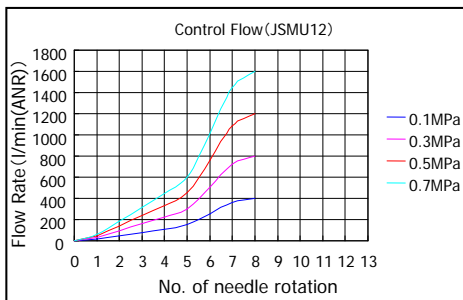
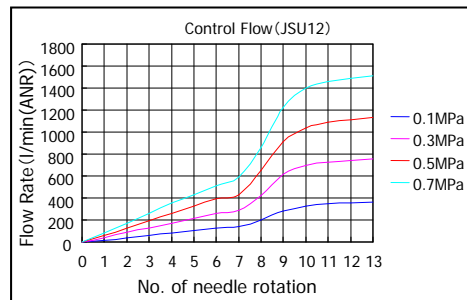
Tube O.D. $\varnothing 8$ mm & $\varnothing 5/16$ inch



Tube O.D. $\varnothing 10$ mm & $\varnothing 3/8$ inch



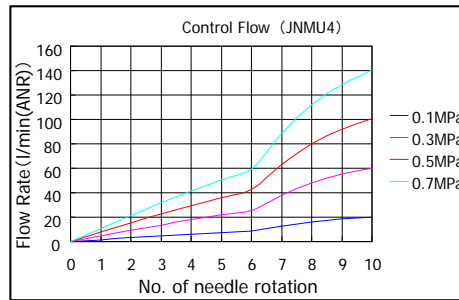
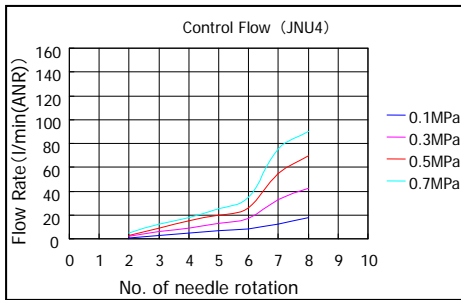
Tube O.D. $\varnothing 12$ mm & $\varnothing 1/2$ inch



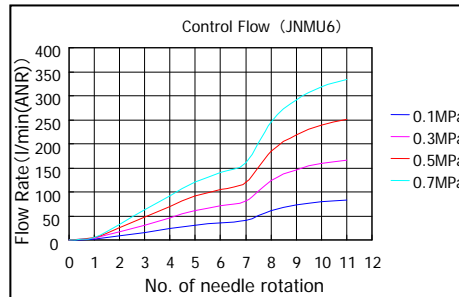
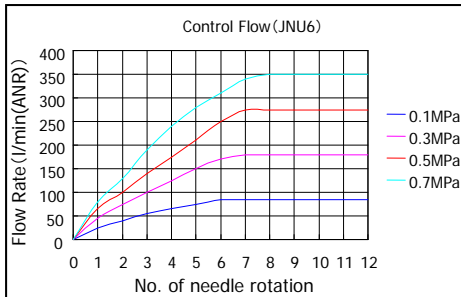
Flow characteristic comparison

[Throttle Valve]

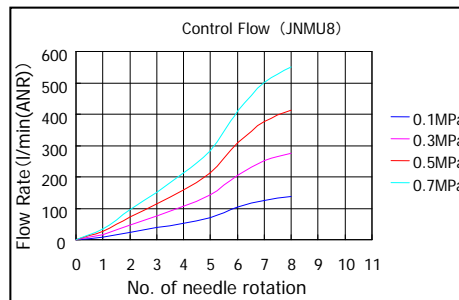
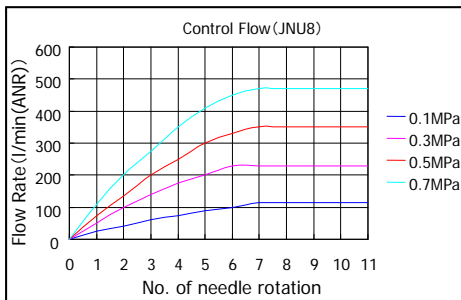
Tube O.D. $\varnothing 4$ mm & $\varnothing 5/32$ inch



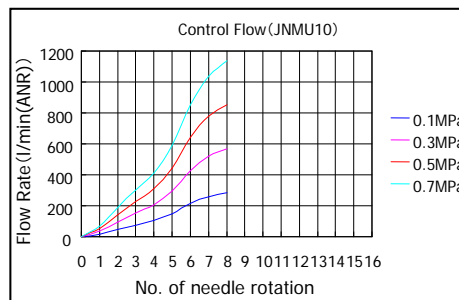
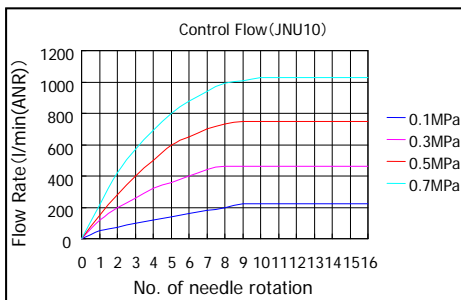
Tube O.D. $\varnothing 6$ mm & $\varnothing 1/4$ inch



Tube O.D. $\varnothing 8$ mm & $\varnothing 5/16$ inch



Tube O.D. $\varnothing 10$ mm & $\varnothing 3/8$ inch



Tube O.D. $\varnothing 12$ mm & $\varnothing 1/2$ inch

