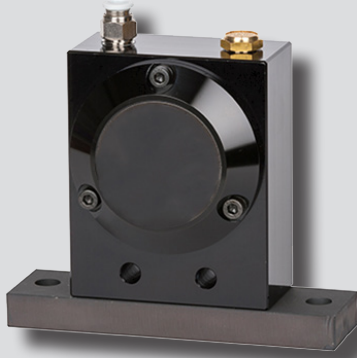


KATV series



Features

- Through the rotations using rotor, it makes vibration and the noise made in the vibration is less quite than piston vibrator.
- Light weight and strong vibration power compared to the piston vibrator (Same pressure)
- Makes more number of vibrations compared to the piston vibrator (Same pressure)

How to Order

KATV-18

①

① Model

KATV-18	Air turbine vibrator
KATV-30	
KATV-40	
KATV-60	
KATV-80	

Specifications

Model	Pressure	Vibration force(N)	Frequency [VPM](Hz)	Air consumption (L/min)	Operating pressure range	Noise(dB)	Weight(g)
KATV-18	4 bar [4.07kgf/cm ²]	20.5	29,280 (488)	80	3~6kgf/cm ²	79	66
	6 bar [6.11 kgf/cm ²]	27.3	34,500 (575)	120		80	
KATV-30	4 bar [4.07kgf/cm ²]	10.5	7,140 (119)	140		77	300
	6 bar [6.11 kgf/cm ²]	12	9,000 (150)	206		79	
KATV-40	4 bar [4.07 kgf/cm ²]	48.6	5,628 (93.8)	150		81	600
	6 bar [6.11 kgf/cm ²]	51	8,280 (138)	220		84	
KATV-60	4 bar [4.07 kgf/cm ²]	152.4	5,250 (87.5)	166		89	1,200
	6 bar [6.11 kgf/cm ²]	177.6	6,360 (106)	250		90	
KATV-80	4 bar [4.07kgf/cm ²]	1462	11,280 (188)	360		85	2,470
	6 bar [6.11 kgf/cm ²]	2040	13,500 (225)	520		87	

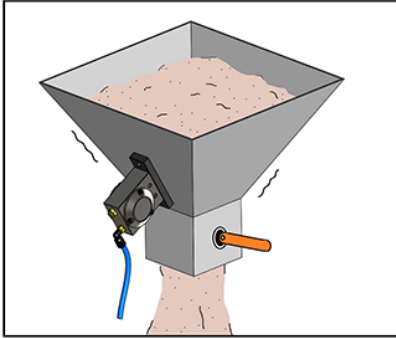
Applications

- In case that the strong vibration power is required in the limited space.
ex) Ready mixed concrete vehicle and laboratory etc.
- Environment where experiment with lots of vibration

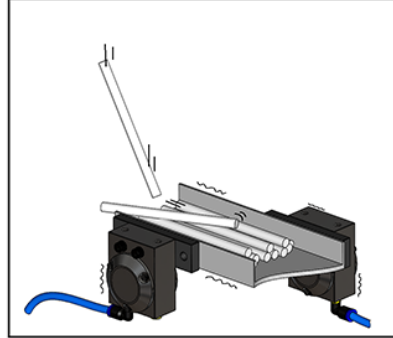
⚠ Precautions for use

1. Observe working pressure (Recommended pressure: 3~6 BAR)
2. Prohibit to use as a power source such as motor and cylinder etc.
3. It can be an error in smooth operation such as blockage of air circuit due to oil during the supply.

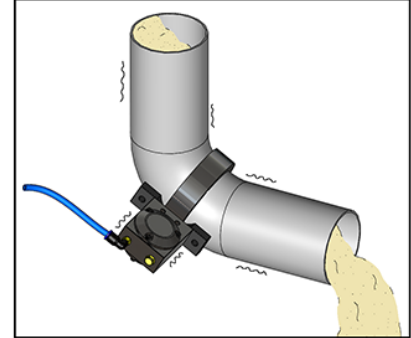
Application Example



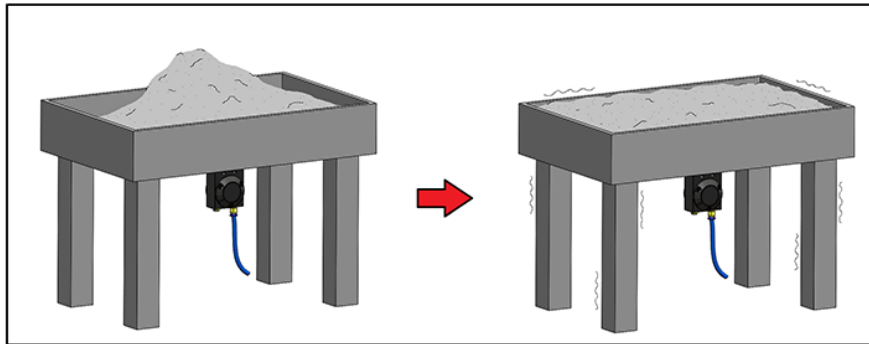
[HOPPER & SILO]



[ARRANGEMENT & TRANSPORT]

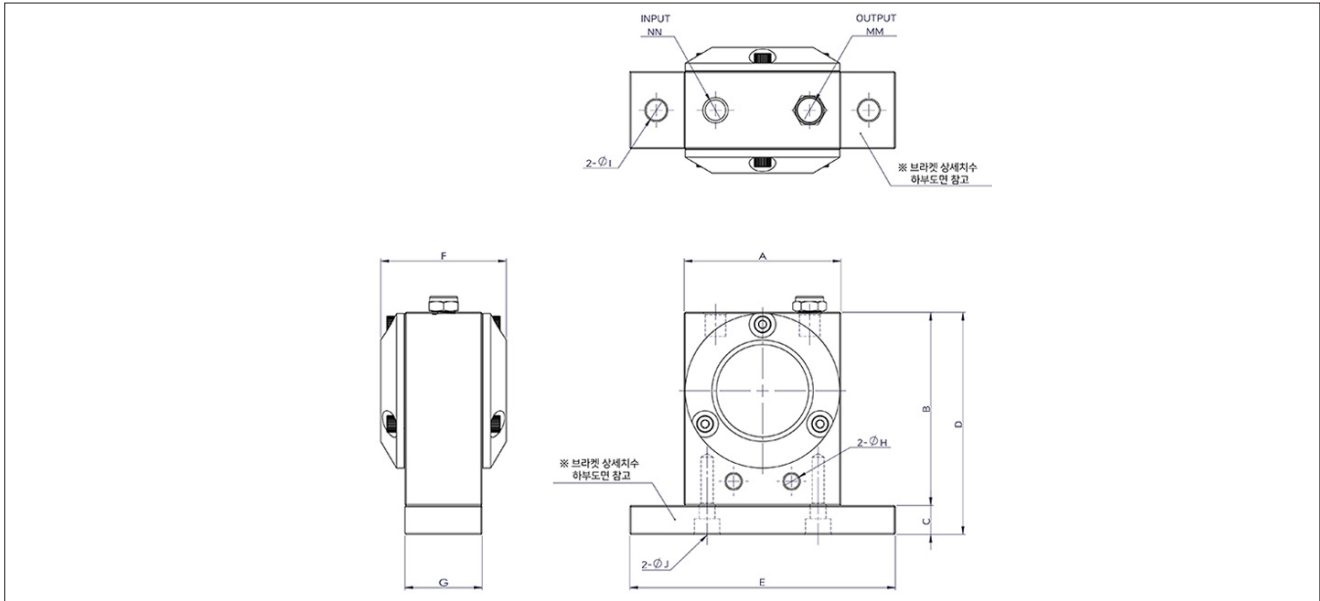


[TRANSPORT THROUGH PIPE]



[FLATTENING]

Dimensions

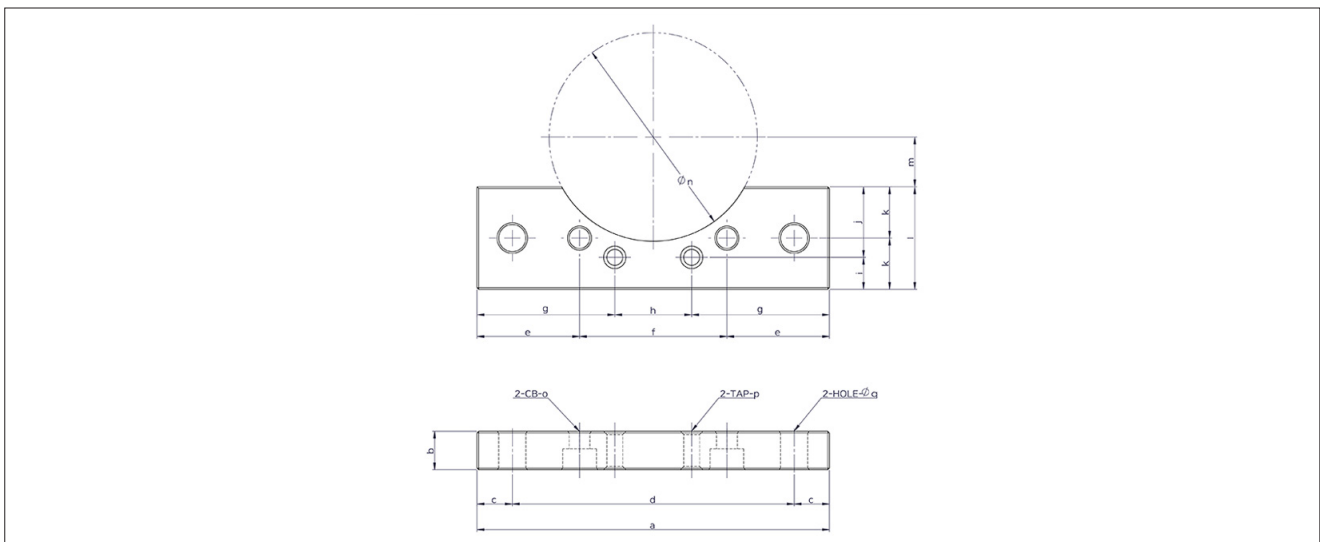


Unit: mm

Model	A	B	C	D	E	F	G	H	I	J	MM	NN
KATV-18	32	40	7	47	54	22	16	4.5	4.2	CB-M4	M5	M5
KATV-30	50	60	12	72	80	45	28	5.2	6.5	CB-M6	1/8	1/8
KATV-40	65	80	12	92	110	52	32	6.2	8.5	CB-M6	1/8	1/8
KATV-60	84	104	15	119	140	64	40	8.2	10.5	CB-M8	1/4	1/4
KATV-80	118	140	17	157	200	68	48	13	10.3	CB-M6	3/8	3/8

* Specifications above are measured under the conditions of the main headquarter, so it can be varied according to the actual conditions.

Dimensions - Bracket



Unit: mm

Model	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
KATV-18	54	7	6	42	17	20	27	0	7	9	8	16	10.5	29.5	M4	M4	4.2
KATV-30	80	12	7.5	65	22	36	31	18	9	19	14	28	10	49.5	M6	M5	6.5
KATV-40	110	12	11	88	32	46	43	24	10	22	16	32	15.5	65	M6	M6	8.5
KATV-60	140	15	12	116	40	60	54	32	12	28	20	40	22	81	M8	M8	10.5
KATV-80	200	17	20	160	53	94	70	60	24	25	14	48	39	115	M12	M8	10.3

* Specifications above are measured under the conditions of the main headquarter, so it can be varied according to the actual conditions.