



TOKYO

**VIBRATING
MOTOR**

MOTOR VIBRATION FORCE ADJUSTMENT

The power source of vibrating motor produces from both lateral vibrating vanes.

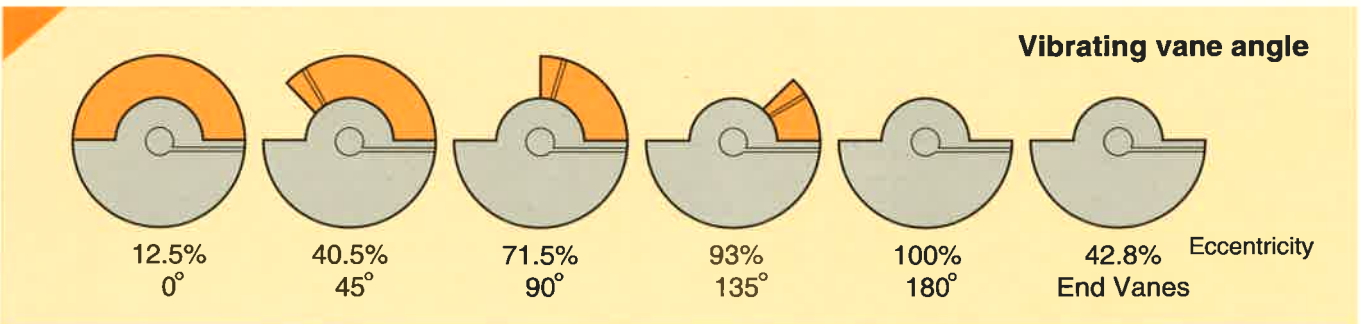
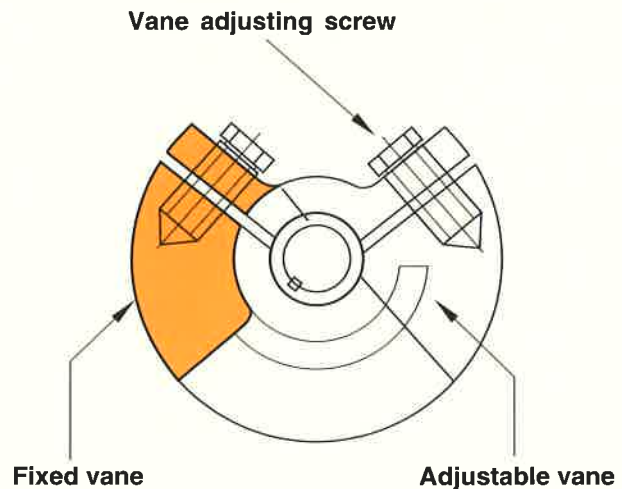
The eccentric force can be adjusted by the angle between the two vibrating vanes. (One fixed. the other one is adjustable).

After getting the proper angle adjustment and required vibrating force then you will be obtained the most efficient application.

INSTRUCTIONS FOR INSTALLATION :

1. Before and after the adjustment of the vibrating force, always remember to tighten the adjustment screws securely to prevent the fly-out of vibrating vanes.
2. Always make sure the screws that tighten the mounting bracket and extension wires are fixed securely.
3. When selecting the motor base, make sure it is strong enough to avoid damage on the motor frame.

Make maintenance once per 3000 hours of running under normal operation conditions.



APPLICATIONS FOR 2-POLE :

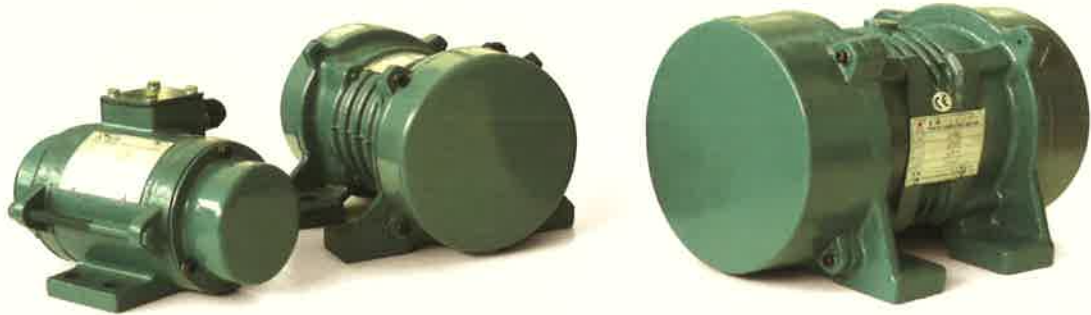
1. For vibration of cement outer mold in civil engineering, such as bridge, channel wall, sewer cover, conduit box, electrical post, prefabricated house, cement products for fast transportation system.....ect.
2. A vibration to prevent material jam for loader and feeder.
3. A vibration to remove bulbs for resin products.
4. Non-defect vibration test for electronic and computer industry, such as computer and its ancillary equipments, telephone, television, audio devices, cordless telephone.....ect.
5. Vibrating filling for powder and grit to ensure full loading into the container.
6. Dust collector for air-prevention.
 - a. Knock down the dust on Sution Pipes.
 - b. Knock down the dust on feeder.

APPLICATIONS FOR 4-POLE :

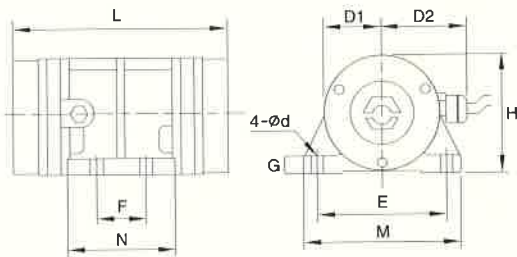
1. Small and medium capacity of vibrating feeder. Choice of overhead or bottom mounted model.
2. Short and medium distance of vibrating conveyor, suggested distance of delivery is under 4 meters.
3. Small and Medium model of vibrating Small and medium model of vibrating selecting machines, suggested width is under 800 mm.
4. Double motors resonate vibration foe water removing.
5. Vibrating hook for zine plating.
6. Vibrating feeder and sand remover in casting factory.
7. Vibrating outfeed for small storage tank.
8. Liquid vibrating fillter, such as mud and pulp.
9. Vibrating stand and selecting machine for static hair-setting.
10. Vibrating machines for button, steel ball, and various hardware.
11. Small model of resonate vibrating washer.
12. Vibrating filling machine for powder and grit packangin.
13. Vibrating selecting machine for plastic grit with handling capacity under 1500 kgs per hour.
14. Vibrating feed and selection for foodstuff, and chemistry.
15. Vibrating feed and selection for sandstone factory, and mineral workshop.

VIBRATING MOTOR SPECIFICATIONS

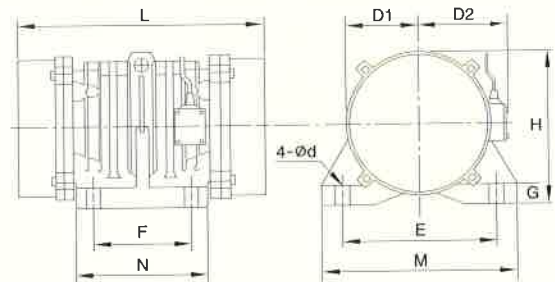
(2-POLES, 4-POLES)



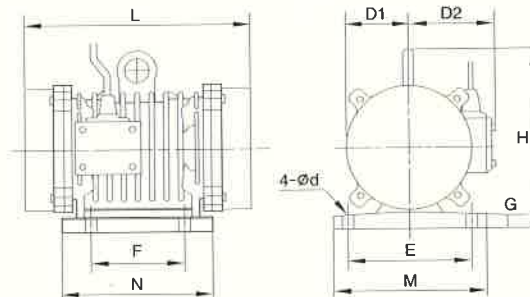
■ 1/DWG1



■ 2/DWG2



■ 3/DWG3



■ Specifications (2-poles)

Type	Vibrating force (kg)	Horse Power (Hp)	Vibrating frequency 50/60 Hz (rpm)	Dimensions : mm											DWG NO.	Weight (kg)
				N	M	F	E	D1	D2	H	L	G	ød			
V2-85	85	1/10	2900/3450	75	141	43	117	70	80	135	210	13	14	1	3	
V2-150	150	1/8	2900/3450	175	155	140	120	70	100	150	250	15	15	1	11	
V2-350	350	1/3	2900/3450	155	200	110	150	80	100	160	245	20	18	2	19	
V2-650	650	1/2	2900/3450	175	230	105	180	90	115	195	305	20	21	2	32	
V2-1000	1000	1	2900/3450	201	260	125	215	105	140	255	335	20	23	3	49	

■ Specifications (4-poles)

Type	Vibrating force (kg)	Horse Power (Hp)	Vibrating frequency 50/60 Hz (rpm)	Dimensions : mm											DWG NO.	Weight (kg)
				N	M	F	E	D1	D2	H	L	G	ød			
S4-100	100	1/8	1450/1720	175	155	140	120	70	100	150	250	15	15	1	17.5	
S4-250	250	1/6	1450/1720	160	200	108	155	75	100	155	245	20	18	2	19	
S4-500	500	1/4	1450/1720	175	230	105	185	90	110	190	305	20	21	2	32	
S4-800	800	1/2	1450/1720	201	260	125	215	105	140	255	335	20	22	2	49	
S4-1600	1600	1	1450/1720	240	325	150	260	120	155	300	385	30	25	3	83	
S4-3200	3200	2	1450/1720	315	400	190	315	150	155	355	550	40	33	3	160	
S4-5000	5000	3	1450/1720	400	475	245	385	175	190	425	605	45	36	3	235	
S4-7500	7500	5	1450/1720	445	505	295	380	200	195	465	690	48	39	3	360	

● rpm = Vibrations per minute

TOKYO VIBRATING MOTOR

TOKYO vibrating motors offers a superior source for high efficiency vibrating applications. Each unit is designed and engineered for maximum durability, heavy duty constructed, and maximum dependability.



CONSTRUCTION AND FEATURES :

FRAME:

The frame is casted by the fully automatic steel casting equipment. Precise, modern and elegant construction. The high quality frame features broken-free performance.

COIL:

The coated H-class coil is fully anti-vibration treated.

ROTATING SHAFT:

Manufactured from duable Chrome steel, providing outstanding resistance for loading from vibrating vanes.

BEARING:

This motor is durable for vibration. When in installation, take care of the parts may extend the lift of the motor. Employeed with long service lift of bearing, which are easy to replace.

ECCENTRIC VIBRATING VANE:

Manufactured from high quality cast iron. It needs to adjust until a proper vibrating force is obtained, then fix it at both ends.

EXTENSION WIRE OUTLET:

To avoid the wire breakage from vibration, the extension wire outlet is guarded from vibration, the extension wire outlet is guarded with metal and rubber ring.

MIXIMUM DURABILITY:

Enclosed type design for dust, water and oil free performance. High efficiency cooling performance reduces air waste to the minimum and saving energy. Resin insulation permits this unit applied at any working environment.

HIGH EFFICIENCY AND QUALITY:

The motor is computer-aided designed, and precision manufactured by the latest automatic machinery, Rigorous inspected. Exclusive winding method. Fitted with special bearings for extremely high accuracy. It meets CNS and IEC standards. (Patent pending) Custom specification and voltage is available upon request.

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