

## Flange Industrial Vibrators

EBB Series



Industrial vibrators with flange mounting are available in 2 series: EBB with side or center flange, and EBST with side flange only.

Our wide range of flange-mounted industrial vibrators covers all vibratory machine application needs: screening, finishing, drying... and other processes requiring the use of vibrators with this type of mounting.

EBB series industrial vibrators are equipped with a series of centrifugal weights on both sides of the shaft, and a single side cover on the opposite side to the mounting flange.



### Features:

- Standard three-phase power supply 400 V at 50 Hz
- Insulation class F
- Mechanical protection: IP65-7
- Class H resin-impregnated motor (ASTM method)
- Improved NiCrMo steel motor shaft
- Oversized bearings, lubricated with special "LONG-LIFE" grease KLUBER STABURAGS NBU 8 EP
- Bearing support with double lubrication channel
- Supplied unwired and without bolts, but with identical weights (top and bottom) and flanged opposite cover.



### Highlights:

- Bearings with high load-carrying capacity to withstand heavy loads
- Side or center flange mounting
- Electric motor designed with low-loss silicon magnetic steel air gaps, for enhanced performance and reduced heat build-up
- Continuous operation at maximum centrifugal force
- Adjustable centrifugal weights to vary centrifugal force from 0 to 100%.

**Energy :** Electric

**Sectors :** Industry

**Applications :** Compaction, Conveying, Draining, Flow, Screening, Sieving, Sorting, Unclogging

# Industrial vibrators

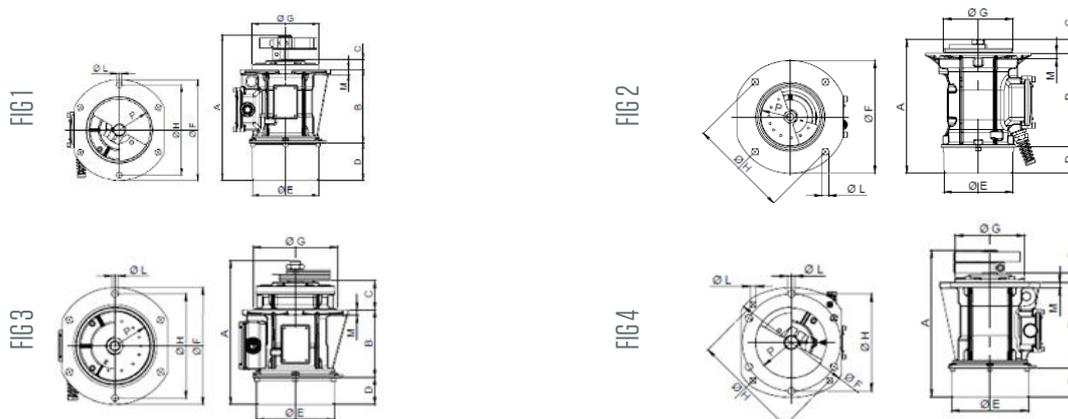
## EBB 400 V three-phase 50 Hz

Delivered disconnected without screw. On request : version without eccentric weight nor covers

Type	Frequency (rpm)	Centrifugal Force (Kg)	Weight (Kg)	Power (W)	Nom. Current (A)	IS/IN Ratio
EBB1504*	1500	404	23.9	310	0.66	3.25
EBB1505*	1500	500	25.3	340	0.71	3.05
EBB1508	1500	709	33.7	475	0.92	3.90
EBB1510	1500	1099	39.9	600	1.16	3.65
EBB3000	3000	66	3.9	135	0.22	2.90
EBB3003	3000	310	9.8	270	0.58	3.15
EBB3006*	3000	668	20.5	500	0.98	4.45
EBB3008	3000	859	31.5	600	1.00	3.90
EBB3010	3000	1050	33.5	720	1.20	3.80

Type	FIG	A	B	C	D	ØE	ØF	ØG	ØH	ØL	M	P
EBB1504	1	332	168	23	84	151	230	144	205	6 x M12	11	71
EBB1504*	3	332	132	58	84	151	230	163	205	6 x M12	11	71
EBB1505	1	343.5	168	23	84	151	230	144	205	6 x M12	11	71
EBB1505*	3	343.5	132	58	84	151	230	163	205	6 x M12	11	71
EBB1508	4	350	202	23	71	181	280	170	254 230	4 x M12 6 x M14	12	84
EBB1510	4	410	202	22	101	181	280	170	254 230	4 x M12 6 x M14	12	84
EBB3000	1	173	106	7	37	79	130	85	110	4 x M8	8	35
EBB3003	2	255	179	26	50	130	215	131	188	4 x M12	11	55
EBB3006	1	283	168	22	53	151	230	140	205	6 x M12	11	67.5
EBB3006*	3	283	168	57	53	151	230	163	205	6 x M12	11	67.5
EBB3008	4	410	202	22	101	181	280	164	254 230	4 x M12 6 x M14	12	67.5
EBB3010	4	410	202	22	101	181	280	164	254 230	4 x M12 6 x M14	12	67.5

Dimensions : mm \* Available with lateral or central flange



## — Flange Industrial Vibrators

EBST Series



Industrial vibrators with flange mounting are available in 2 series: EBB with side or center flange, and EBST with side flange only.

Our wide range of flange-mounted industrial vibrators covers all vibratory machine application needs: screening, finishing, drying... and other processes requiring the use of vibrators with this type of mounting.

EBST series industrial vibrators feature eccentric weights with differentiated intensity and angular phase adjustment between the upper and lower weights.



### Features:

- Standard three-phase power supply 400 V at 50 Hz
- Insulation class F
- Mechanical protection: IP65-7
- Class H resin-impregnated motor (ASTM method)
- Improved NiCrMo steel motor shaft
- Oversized bearings, lubricated with special "LONG-LIFE" grease KLUBER STABURAGS NBU 8 EP
- Bearing support with double lubrication channel
- Supplied unwired, without bolts and weights



### Highlights:

- Bearings with high load-carrying capacity to withstand heavy loads
- Side or center flange mounting
- Electric motor designed with low-loss silicon magnetic steel air gaps, for enhanced performance and reduced heat build-up
- Continuous operation at maximum centrifugal force
- Adjustable centrifugal weights to vary centrifugal force from 0 to 100%.

**Energy :** Electric

**Sectors :** Industry

**Applications :** Compaction, Conveying, Draining, Flow, Screening, Sieving, Sorting, Unclogging

# Industrial vibrators

## EBST 400 V three-phase 50 Hz or 60Hz

Delivered disconnected without screw

Type	Static Moment (Kg/mm)		Centrifugal force (Kg)		Weight (Kg)		Power (W)		Nom. Current (A)		IS/IN Ratio	
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	400 V 50 Hz	400 V 50 Hz	50 Hz	60 Hz
EBST1507	826	826	519	748	54	54	450/270	500/300	1.30	1.20	2.50	2.92
EBST1511	1208	1201	759	1093	70	70	550/330	600/360	1.60	1.40	2.45	2.95
EBST1530	1629	1629	1025	1475	95	95	1120/770	1200/840	2.52	2.43	3.51	3.70
EBST3010	2007	2007	1260	1815	108	108	1120/1000	1200/1070	2.52	2.43	3.51	3.70
EBST3013	2594	2594	1631	2348	134	134	1600/1250	1800/1400	4.00	4.00	3.15	3.15

Type	A	B	C	D	E	F	G	H	L vis	M	P
EBST1507	414	238	50	86	219	290	180	250	6 x M16	12	125
EBST1511	430	238	50	102	283	290	180	250	6 x M16	12	125
EBST1530	502	285	73	102	283	350	230	305	6 x M20	20	125
EBST3010	414	238	50	86	219	290	180	250	6 x M16	12	78
EBST3013	414	238	50	86	219	290	180	250	6 x M16	12	85

Dimensions : mm

