

Single Phase industrial Vibrators

EAM Series



The EAM range is extensive, offering speeds from 1 500 rpm to 3 000 rpm, with centrifugal forces of up to 3 kN for the most powerful model in the series.

The vibrations they generate are suitable for a wide range of sectors: chemicals, quarrying, plastics, energy, civil engineering, recycling, food processing...

EAM series vibrators are ideal for equipment requiring only a single-phase power supply (220-230 V). The presence of a capacitor makes it possible to compensate for the third phase of the current.



Features:

- Single-phase power supply 220-230 V at 50Hz as standard
- 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
- Supplied wired with remote capacitor (no plugs or bolts)



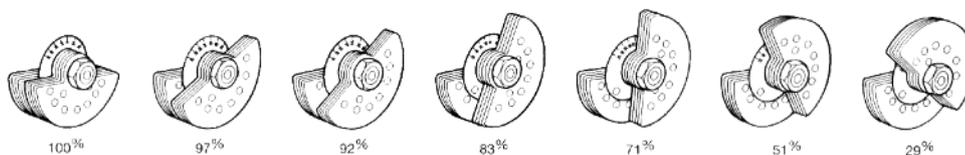
Highlights:

- 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 30 to 100%.

Energy : Electric
Sectors : Building and construction, Industry, Prefabrication

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

Adjustment of the vibration intensity



EAM

230 V at 50 Hz adjustable weights

Supplied wired with remote capacitor (no plugs or bolts)

Type	Frequency (rpm)	Static Moment (Kg/mm)	Centrifugal Force (Kg)	Weight (Kg)	Power (W)	Nominal current (A)	IS/IN Ratio
EAM1450	1500	9.60	24	4.15	75	0.15	1.80
EAM1500	1500	12.40	31	5.30	100	0.25	1.67
EAM1501	1500	21.70	55	5.80	100	0.25	1.67
EAM2950	3 000	6.57	52	3.80	100	0.18	2.33
EAM3000	3 000	6.57	66	5.10	150	0.30	2.90
EAM3001	3 000	12.40	125	5.30	180	0.35	2.49
EAM3002	3 000	18.60	187	5.80	180	0.35	2.49
EAM3003	3 000	30.80	310	8.90	270	0.58	3.97

Eccentric weights in slice

Type	FIG	A	B	C	D	ØE	F	G	L	M	ØN	P	Q	R	S
EAM1450	1	195	125	120	104	79	45	46	62 à 65 33	85 à 106 85 à 102	4 x M8 4 x M6	83	33	32.5	10
EAM1500	2	212	150	150	132	105	59	46	62 à 74 70	106 130	4 x M8	98	30	35	22
EAM1501	2	212	150	150	132	105	59	46	62 à 74 70	106 130	4 x M8	98	30	35	22
EAM2950	1	177	125	120	104	79	45	46	62 à 65 33	85 à 106 85 à 102	4 x M8 4 x M6	83	33	32.5	10
EAM3000	2	212	150	150	132	105	59	46	62 à 74 70	106 130	4 x M8	98	30	35	22
EAM3001	2	212	150	150	132	105	59	46	62 à 74 70	106 130	4 x M8	98	30	35	22
EAM3002	2	212	150	150	132	105	59	46	62 à 74 70	106 130	4 x M8	98	30	35	22
EAM3003	3	260	166	184	162	130	75	50	90	125 à 140	4 x M12 4 x M10	125	35	38	25

Dimensions : mm

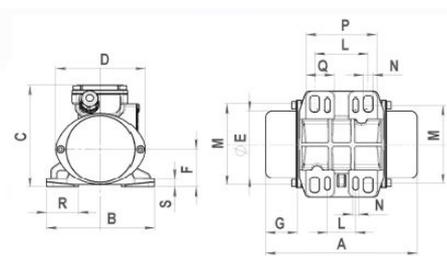


FIG 1

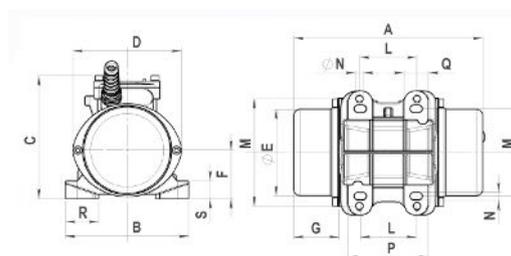


FIG 2

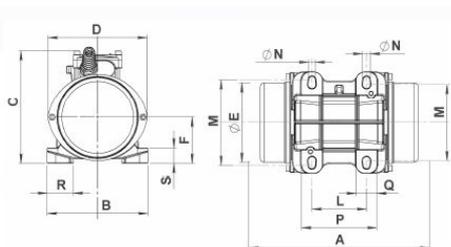


FIG 3