

Asphalt Mixing

External Electric Vibrators MVE

22



Description ▼

The range of “MVE” External Electric Motovibrators is the result of more than 50 years of experience in vibration technology for various industrial applications worldwide. OLI® External Electric Vibrators afford a guarantee of long-term durability reflecting the care taken over selection of components and the high level of precision adopted in manufacture.

Function ▼

In asphalt plants “MVE” External Electric Motovibrators are fitted on the so-called “hot screen” in both stationary and mobile plants.



Application ▼

The hot screen is a multideck classifying screen receiving dry and hot aggregate mix from the burner and the elevation tower. It is used to classify aggregates according to particle size: each deck of the hot screen holds a specific particle size and discharges it to a dedicated output port for further storage inside the mixing tower. Usually two 6-poles MVE Motovibrators are used on each hot screen to achieve linear motion, improving screening efficiency.

Benefits ▼

- ✓ First quality roller bearings;
- ✓ Reliable electric motor;
- ✓ Ex-stock delivery;
- ✓ 2 years warranty.



www.wamgroup.com

Asphalt Mixing

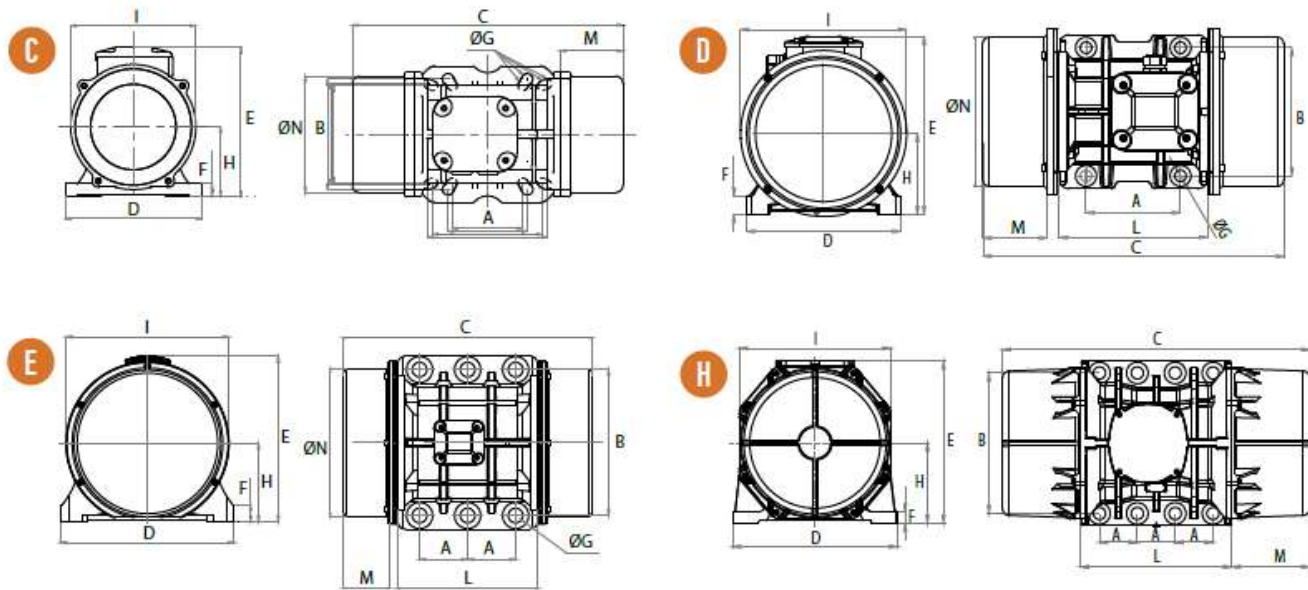
External Electric Vibrators MVE



Technical Features / Performance

- ▶ Strong FMEA designed cast iron body
- ▶ Fully and easily adjustable centrifugal force
- ▶ Reliable vacuum impregnated windings & classF materials
- ▶ Motor enclosure: IP66 – NEMA4
- ▶ Operating temperature -20/+40°C
- ▶ Centrifugal force up to 25.000kg
- ▶ Multiple voltages always available
- ▶ Atex certification: ExII3D as standard, Increased safety available.
- ▶ ETL certification: Class II, Div.2, group F,G as standard
- ▶ Suitable to be used with VFD devices

Overall Dimensions



			DIMENSIONAL SPECIFICATIONS (mm)															
Model		Drawing	Size	C		M		A	B	Ø G	Holes	D	E	F	H	I	L	N
				50Hz	60Hz	50Hz	60Hz				N°							
MVE 8000/1	MVE 8000/12	D	85	788	688	210	160	200	320	28	4	378	411	49	200	424	325	378
MVE 9000/1	MVE 9000/12	D	85	788	688	210	160	200	320	39	4	378	411	49	200	424	325	378
MVE 10000/1	MVE 10000/12	E	90	826		210		125	380	39	6	452	430	44	204	422	367	378
MVE 13000/1	MVE 13000/12	E	90	926	826	260	210	125	380	39	6	452	430	44	204	422	367	378

Wm (kgcm)		Model		Centrifugal Force (kg)		Weight (kg)		ELECTRICAL SPECIFICATIONS								CERTIFICATE	
								Input Power (kW)		Nominal Current A max (Y)		Ia / In		Cable		Class II Div.2	Ex II3D
50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz (400V)	60Hz (460V)	50Hz	60Hz	Gland		Temp. Class	Temp. Class
1435.98	929.80	MVE 8000/1	MVE 8000/12	8018	7476	325.2	290	7.10	7.50	12.60	11.60	6.00	6.20	M32		T4	135°C
1600.39	1165.23	MVE 9000/1	MVE 9000/12	8936	9369	337.8	307.6	7.50	8.30	13.20	12.60	6.30	6.20	M32		T4	135°C
1788.44	1239.98	MVE 10000/1	MVE 10000/12	9986	9970	385.8	359.3	7.60	8.00	13.50	12.70	6.40	6.40	M32		T4	135°C
2329.84	1647.42	MVE 13000/1	MVE 13000/12	13009	13246	422.2	375.6	10.00	10.00	17.00	16.00	6.20	6.3	M32		T4	135°C