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Netter Stainless Steel Electric External Vibrators Series NES



- Circular vibration
- Especially resistant to aggressive environmental conditions
- Centrifugal force from 296 N to 7.695 N
- High operational safety
- Tropical insulation by vacuum impregnation
- Protection IP 66
- Nominal frequency from 750 min⁻¹ to 3.600 min⁻¹
- Stainless steel housing
- Ex II 2 D (ATEX) versions available





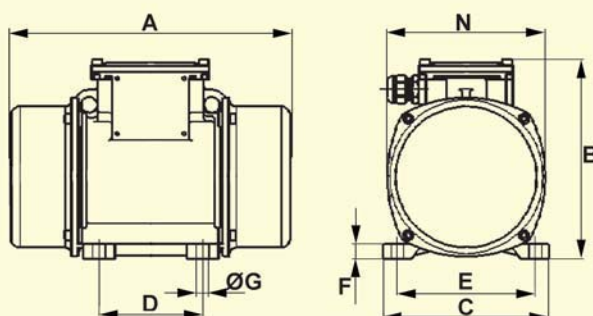
NetterVibration



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Type	Frequency [min ⁻¹]	Working Moment [cmkg]		Centrifugal Force [N]		Power [kW]		Current Consumption [A]		Weight [kg]	
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	400V, 50Hz	480V, 60Hz	50Hz	60Hz
NES 50120	3.000	2,40	2,40	1.185	1.706	0,18	0,18	0,35	0,30	7,80	7,80
NES 50210	3.000	4,20	3,00	2.073	2.133	0,18	0,18	0,35	0,30	8,20	8,00
NES 50300	3.000	6,02	4,08	2.972	2.900	0,26	0,27	0,60	0,50	12,5	12,0
NES 50500	3.000	9,97	6,48	4.921	4.606	0,45	0,50	0,80	0,75	18,5	17,5
NES 50790	3.000	15,59	10,40	7.695	7.392	0,65	0,685	1,10	1,00	25,0	24,0
NES 2530	1.500	2,40	2,40	296	426	0,085	0,095	0,21	0,20	7,80	7,80
NES 2580	1.500	6,20	4,20	766	747	0,085	0,095	0,21	0,20	9,00	8,70
NES 25100	1.500	7,78	6,20	960	1.102	0,085	0,095	0,21	0,20	9,40	9,00
NES 25210	1.500	16,84	11,76	2.078	2.090	0,17	0,17	0,41	0,40	15,8	15,0
NES 25410	1.500	32,64	22,66	4.028	4.027	0,30	0,35	0,60	0,60	22,5	21,7
NES 25550	1.500	43,80	32,64	5.405	5.800	0,30	0,35	0,60	0,60	23,9	22,5
NES 25720	1.500	57,18	41,89	7.056	7.444	0,525	0,665	0,92	0,98	32,0	30,7
NES 1630	1.000	6,02	6,02	331	476	0,12	0,135	0,30	0,30	12,5	12,5
NES 16100	1.000	16,84	16,84	924	1.330	0,12	0,135	0,30	0,30	15,8	15,8
NES 16190	1.000	32,64	32,64	1.790	2.578	0,185	0,205	0,50	0,50	22,5	22,5
NES 16320	1.000	57,18	41,89	3.136	3.309	0,35	0,380	0,72	0,68	32,0	30,7
NES 12100	750	32,64	32,64	1.007	1.450	0,23	0,25	0,85	0,76	22,5	22,5
NES 12180	750	56,80	56,80	1.752	2.523	0,35	0,38	1,10	1,05	32,0	32,0

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
NES 50120	209	151	125	62-74	106	10	9
NES 50210	225	151	125	62-74	106	10	9
NES 50300	255	176	152	90	125	12	13
NES 50500	284	200	167	105	140	15	13
NES 50790	308	211	205	120	170	17	17
NES 2530	209	151	125	62-74	106	10	9
NES 2580	225	151	125	62-74	106	10	9
NES 25100	241 (50Hz) 225 (60Hz)	151	125	62-74	106	10	9
NES 25210	295	176	152	90	125	12	13
NES 25410	340	200	167	105	140	15	13
NES 25550	380	200	167	105	140	15	13
NES 25720	378	211	205	120	170	17	17
NES 1630	255	176	152	90	125	12	13
NES 16100	295	176	152	90	125	12	13
NES 16190	340	200	167	105	140	15	13
NES 16320	378	211	205	120	170	17	17
NES 12100	340	200	167	105	140	15	13
NES 12180	378	211	205	120	170	17	17



Applications

The stainless steel electric vibrators of the NES series are used mainly in the chemical, pharmaceutical and food industries. They serve as drives for conveyor troughs, sieves and discharge devices.

The stainless steel surfaces of the vibrators are especially resistant to chemically corrosive environmental conditions and can be thoroughly cleaned manually and by machine with powerful cleaning agents.

Construction and Working Principle

Stainless steel electric external vibrators are three-phase current asynchronous motors with adjustable unbalances at both ends of the shaft that generate an undirected sinusoidal vibration.

The extremely load-resistant roller bearings guarantee a long working life.

All NES are suitable for operation with Netter frequency and voltage converters.

NetterVibration has a worldwide network of experienced application engineers and field representatives. We would be pleased to offer advice on site and to help optimise your applications using vibration technology.

NetterVibration offers the accessories required for the mounting, installation and control of vibrators and interval impactors.

Netter provides solutions.
Consult our experienced application technicians.

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