



Technical features

Power supply

In direct current at 12 or 24V.

Conformity with Standards and Regulations

Electromagnetic Compatibility Directive 2014/30/UE; EN 61000-6-2, EN 61000-6-4, EN 13309, EN 60034-1.

Functioning

Continuous (S1) or intermittent duty at maximum declared centrifugal force and electric power.

Centrifugal force

Range extended up to 1520 Kgf. (14,9 KN), with centrifugal force adjustable by varying weights position.

Mechanical protection

IP 66 according to IEC/EN 60529.

Protection against mechanical impacts

IK 08 according to IEC/EN 62262.

Ambient temperature

From -20°C to +40°C.

Fixing of the vibrator

In all positions and therefore without restriction.

Lubrication

Sealed ball bearings, lubricated "for life".

Terminal box

On MF models it's positioned underneath the vibrator, on the same side as the fixing base.

Electric motor

For models 3/100 and 3/200, but in extension to the larger sizes, asynchronous three-phase type with vacuum insulated winding supplied in direct current through an electronic card included in the vibrator.

Casing

In high-tensile aluminium alloy.

Bearing flange

In spheroidal or grey cast iron. The geometry of the flange transmits the load to the casing uniformly.

Motor shaft

In treated steel alloy (Isothermic hardening) resistant to stress.

Eccentric weights

Enable continuous adjustment of the centrifugal force.

Weight covers

In aluminium alloy for models 3/100-MF, 3/200-MF and 3/500; in AISI 304 stainless steel for other types.

Painting

Electrostatic surface treatment based on polymerised epoxy polyester powder in oven at 200°C. Tested in salt spray for 500 hours.

Direct current

DESCRIPTION			MECHANICAL SPECIFICATIONS				ELECTRICAL SPECIFICATIONS		
Code	Type	rpm	Static moment*	Centrifugal force		Weight	Power rating	Max. current A	
			kgmm	kg	kN	kg	W	12V	24V
600418	MVCC 3/100-S08 MF	3000	12,1	122	1,20	5,7	190	8,00	4,00
600419	MVCC 3/200-S08 MF	3000	20,2	203	1,99	6,3	190	8,00	4,00
600469	MVCC 3/500	3000	58,0	584	5,72	13,0	270	22,5	11,3
600405	MVCC 3/1200	3600	78,0	1130	11,1	20,0	530	-	22,0
600464	MVCC 3/1500	3600	105	1520	14,9	21,0	530	-	22,0

* Working moment = 2 x static moment.

