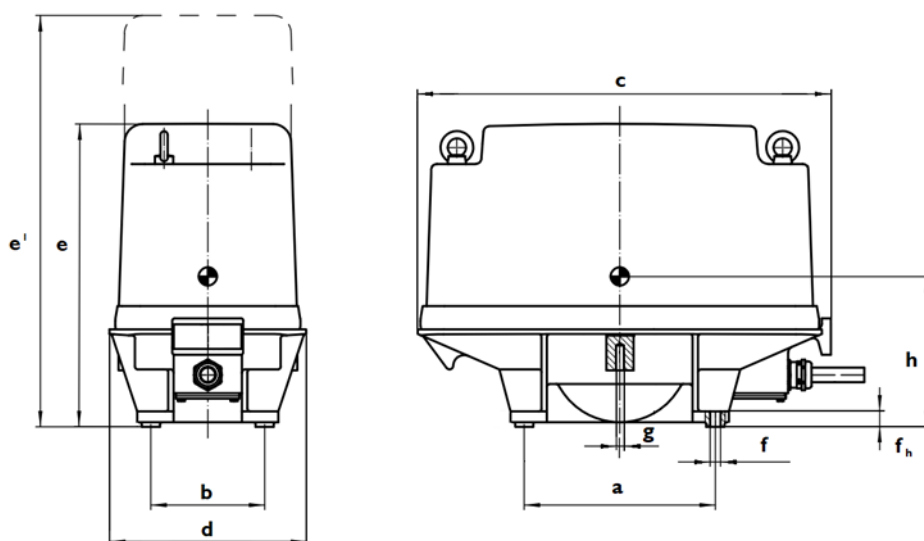


Technical datasheet - Magnetic Vibrator MVES 50-1



Dim. VIB 04-642

a	300 mm
b	190 mm
c	540 mm
d	254 mm
e	426 mm
e ¹	737 mm
f	Ø 18 mm
f _h	17 mm
g	M12x20
h	ca. 195

Assembly

4x Washer	
ISO 7092-16-200HV-A2	
4x Screw	M16-ISO4017
Ma 210 Nm	8.8 - A2E

Electrical data

Mains-frequency	Work-frequency	Natural frequency	Standard windings	Nominal current	Input power	Code No. AVITEQ	Controller type
50 Hz	50 Hz	56 Hz	220-240 V _{eff}	18,0 A _{eff}	max. 4,75 kVA	33503	SD/E 25/01-2
			380-500 V _{eff}	11,0 A _{eff}	max. 6,05 kVA	31264	SD/E 15/02-2
			-	-	-	-	-

Mechanical data (on characteristics curve data sheet VIB 11-779)

Housing size	Weight nominal	Tuning weight	Stroke S _n	Working weight G _n	Conveying speed*	Installation position at the angle of impact α
E	125 kg	+ 13 kg G _z	1,96 mm	100 kg	21,00 cm/s	
		0 kg G _{z0}	1,36 mm	160 kg	16,10 cm/s	
		-11,5 kg G _{za}	0,73 mm	350 kg	5,50 cm/s	

* Specifications apply to earth-moist sand (conveyed material) in conveyor trough, layer height 200 mm, horizontal conveying surface, impact angle α = 30°

Additional information

Connection cable	Insulation class	Degree of protection	Operation mode	Switching frequency	Sound pressure level	Operating temp.	Housing colour
H07RN-F5G 2,5 x 3350	F	IP55	S1	unlimited	< 70 dB(A)	-20...+40°C	RAL 5018

Declarations / Certificates

Declaration of Conformity	Declaration of incorporation	ATEX / IECEx	CSA / UL
2014/35/EU	2006/42/EG	-	-

Style options MV..S...P – FB – TE/TR – C5M – SK – IP65

S	P	FB	TE	TR	C5-M	SK	IP65
Temperature switch	Sn-Controller PAL	Forced ventilation	Tropic protection simple	Tropic protection	Thick film paint	Special cable	Increased Degree of protection

Options on request – feasibility depends on drive type

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