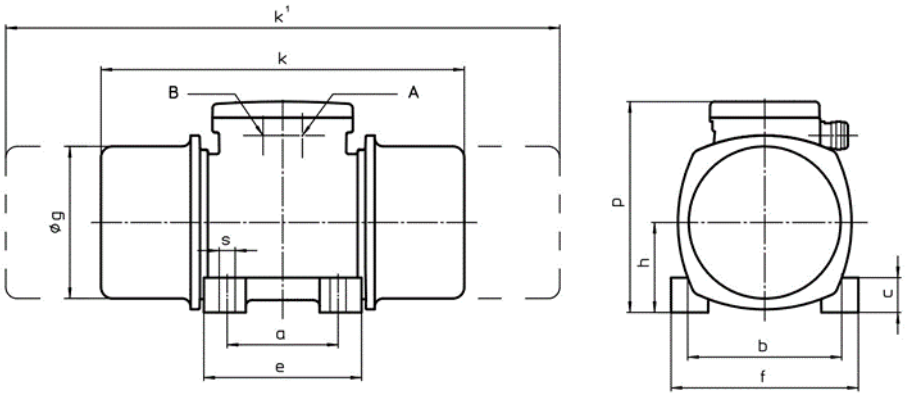
Technical datasheet - Unbalance Motor **UBE 11X-1 (50 Hz)**



Dim. M13-1578	
a	**120 mm**
b	**170 mm**
c	**25 mm**
e	**192 mm**
f	**208 mm**
g	**Ø 187 mm**
k	**414 mm**
k¹	**628 mm**
p	**220 mm**
s	**Ø 17,5 mm**

Assembly

4x Washer
ISO 7089-16-200HV-A2

A	Power connection	M20 x 1,5	Cable-ø	7-13 mm	4x Screw	M16-ISO4017
B	Thermistor connection	-		-	Ma 185 Nm	8.8 - A2E

Electrical data – Three-phase asynchronous motor - 4-pole

Mains-frequency	Rotating freq. synchronous	Code No. AViTEQ	Standard windings	Nominal current	Cos phi	I_A/I_N	Input power
50 Hz	25 Hz	38314	220-240/380-415 V (3-phase)	2,42/1,40 A	0,66	4,0	0,64 kW
		38315	290-300/500-525 V (3-phase)	1,94/1,12 A			
		116953	380-400/660-690 V (3-phase)	1,40/0,81 A			

Mechanical data

Housing size	Weight	Motor speed synchronous	Centrifugal force 100%	Working moment	Stroke Sn*	Working weight Gn*	Conveying speed*
E	35,0 kg	1.500 1/min	10.800 N	87,7 kgcm	6 mm	205 kg	29 cm/s
					1,5 mm	1045 kg	< 2 cm/s

* Specifications apply to 2 drives and directioned movement at nominal motor speed and unbalance level 100%. Conveying speed for earth-moist sand (conveyed material) in conveyor trough, layer height 200 mm, horizontal conveying surface, stroke angle α = 30°

Maintenance of bearings

Type	Designation	Bearings Life at unbalance level			Grease quantity		Grease type
	NJ 306	100%	80%	50%	Maintenance	Initial lubr.	Mobil SHC Polyrex 102 EM
		12994 h	27338 h	>100.000 h	-	11g	

Additional Information

Degree of protection	Insulation class	Service factor	Operating mode	Switching frequency	Sound pressure level	Operating-temp.	Housing colour
IP66	F	1,15	S1	15x/h	< 70 dB(A)	-20 ... +55°C	RAL 5018

Declarations / Certificates

Declaration of Conformity	Declaration of incorporation	ATEX/IECEx	CSA/UL
2014/35/EU	2006/42/EG	Zone 21/22	-

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