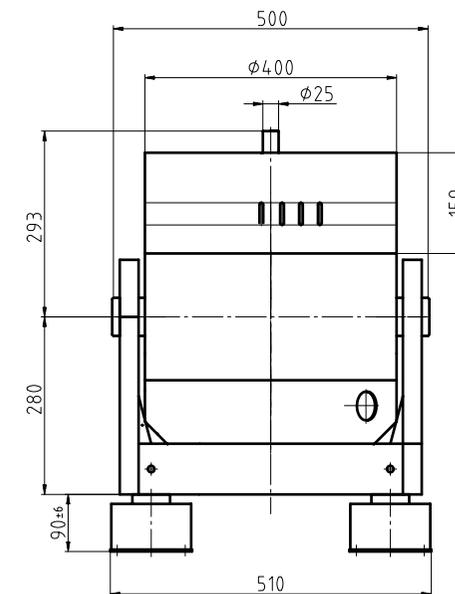


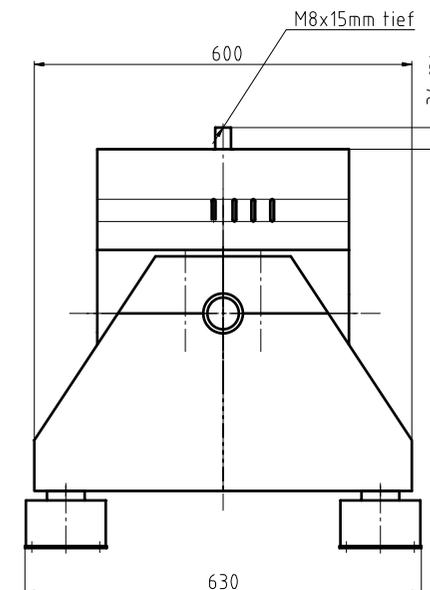
## TECHNICAL PARAMETERS Modal exciter S 50303-M

Rated peak force Sine <sub>pk</sub> /Random <sub>RMS</sub>	2000/1000 N
Frequency range	1-3000 Hz
Main resonance frequency	>3000 Hz
Max. displacement Peak-Peak	50.8 mm
Max. velocity Sine/Random	1.5/1.5 m/s
Suspension stiffness	electronically adjustable
Effective moving mass	2.2 kg
Weight	280 kg
Magn. stray field without/with degaussing	<8.5/<1 mT
Coupling thread	M8
Interlocks	Temperature, displacement, cooling air, overcurrent



## SCOPE OF DELIVERY, OPTIONS AND FEATURES OF THE SYSTEM

<p><b>Scope of delivery:</b>          Modal exciter 2 kN          Trunnion mount          Power amplifier 2.7 kVA          Cooling blower          Connection cables (each 5 m)          Power cables (5 m)            for amplifier (CEE 16 connector)          Blower hose <math>\phi 60</math> mm (5 m)</p>	<p><b>Options:</b>          Degauss kit to reduce stray magnetic field          Squeak&amp;Rattle (Silent operation without blower)          Remote control (Software)          Silencer            for cooling blower (Noise reduction up to 6 dB(A))          Acoustic enclosure            for cooling blower (Noise reduction 15 - 23 dB(A))          Cable extension          Factory acceptance test</p>	<p><b>Features:</b>          Vibration isolation &lt; 6 Hz          Coarse filter unit          Fully automatic electronic load compensation          Electronic zero point regulation with adjustable stiffness          Automatic centering of the armature          Integrated mains switch and line filter          Integrated field power supply          Noise-button          Input voltage analyzer          Voltage clipping limiter to avoid clipping          3 Sigma Peak current          Made in Germany          Servicehotline</p>
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## TECHNICAL PARAMETERS Amplifier A 1 01 1 003 T

Output power <sub>RMS</sub>	2700 VA
Frequency range	DC - 4 kHz
Voltage <sub>RMS</sub> , max.	105 V
Current <sub>RMS</sub> , max.	25 A
Signal input voltage <sub>RMS</sub> (switchable)	2.5/5/10 V
Distortion	< 0.5 %
Signal to noise ratio	> 90 dB
Field voltage, max.	100 V
Field current, max.	6 A
Weight	234 kg
Dimensions (WxHxD)	600 x 1800 x 800 mm
Power supply (Standard)	3~ / N / PE 400 V±5% 50 Hz, CEE 16
Recommended fuse protection (Standard)	16 A slow
Max. power consumption at 400 V (incl. blower)	5 kVA
Interlocks:	Overload, temperature, clipping and more
<b>Features:</b>	
High Signal to noise ratio of >90 dB	Noise-button
Field supply integrated	Input voltage analyzer
Mains switch and integrated line filter	Voltage clipping limiter to avoid clipping
ESD-monitoring	3 Sigma peak current
(Protection of the system against damage)	Electronic zero-point-regulation (TMC)
Field voltage/Field current variable according to customer spec.	

## TECHNICAL PARAMETERS Cooling blower TB 0200

Volume flow rate	max. 210 m³/h
Total pressure difference	max. 200 mbar
Power	2.2 kW
Frequency	50 Hz
Hose diameter	60 mm
Hose length (Std.)	5 m
Weight	25 kg
Dimensions (WxHxD)	334 x 337 x 346 mm
Sound pressure level, max.	max. 64 dB(A)
Power supply (standard)	by amplifier rack
Max. power consumption at 400 V	3 kVA
<b>Options:</b>	
Silencer TB 0200-SI (Noise reduction up to 6 dB(A))	Dimensions (LxD): 308 x 82 mm
	Weight: 0.58 kg
Acoustic enclosure TB 0200-AE (Noise reduction 15 - 23 dB(A))	Dimensions (WxHxD): 795 x 841 x 836 mm
	Weight: 55 kg
Hose length according to customers request (up to 10 m)	



Cooling blower TB 0200



Silencer TB 0200-SI (optional)



Acoustic enclosure TB 0200-AE (optional)