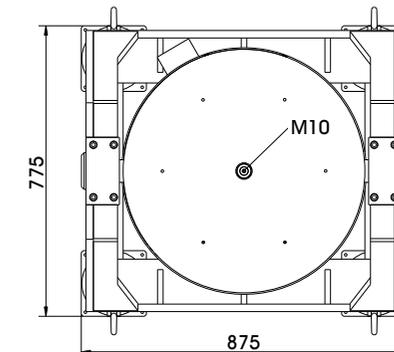
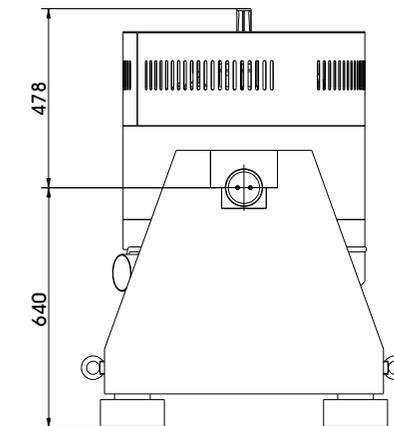
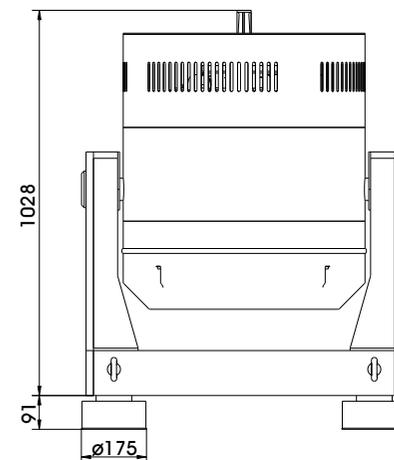


TECHNICAL PARAMETERS Modal exciter S 51010-M/LSS

Rated peak force Sine _{pk} /Random _{RMS}	11000/9000 N
Frequency range	1-2000 Hz
Main resonance frequency(free-swinging)	>2500 Hz
Max. displacement Peak-Peak ¹	100 mm
Max. velocity Sine/Random	2.0/2.0 m/s
Suspension stiffness	electronically adjustable
Effective moving mass	14.0 kg
Weight	1200 kg
Magn. stray field Std./low degaussing	<1.5/<0.8 mT
Coupling thread	M10
Interlocks	Temperature, displacement, cooling air, overcurrent

¹) only with foundation mounting



SCOPE OF DELIVERY, OPTIONS AND FEATURES OF THE SYSTEM

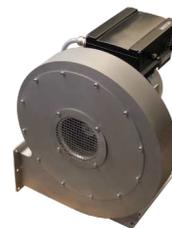
<p>Scope of delivery:</p> <ul style="list-style-type: none"> Modal exciter 11 kN Trunnion mount Power amplifier 30 kVA Cooling blower Connection cables (each 5 m) Power cables (5 m) for amplifier (CEE 63 connector) Blower hose ø140 mm (5 m) 	<p>Options:</p> <ul style="list-style-type: none"> Wheels&Rails (incl. 3m rails) Squeak&Rattle (Silent operation without blower) Remote control (Software) Low degaussing kit to further reduce stray magnetic field Silencer for cooling blower (Noise reduction 3 - 6 dB(A)) Acoustic enclosure for cooling blower (Noise reduction 5 - 23 dB(A)) Cable extension Factory acceptance test 	<p>Features:</p> <ul style="list-style-type: none"> Vibration isolation < 6 Hz Coarse filter unit Fully automatic electronic load compensation Electronic zero point regulation with adjustable stiffness Automatic centering of the armature Degauss kit to reduce stray magnetic field 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
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TECHNICAL PARAMETERS Amplifier A 3 01 3 045 T

Output power _{RMS}	30000 VA
Frequency range	DC - 4 kHz
Voltage _{RMS} , max.	150 V
Current _{RMS} , max.	300 A
Signal input voltage _{RMS} (switchable)	2.5/5/10 V
Distortion	< 0.7 %
Signal to noise ratio	> 90 dB
Field voltage, max.	140 V
Field current, max.	8 A
Weight	515 kg
Dimensions (WxHxD)	600 x 2200 x 800 mm
Power supply (Standard)	3~ / N / PE 400 V±5% 50 Hz, CEE 63
Recommended fuse protection (Standard)	63 A slow
Max. power consumption at 400 V (incl. blower)	28.2 kVA
Interlocks:	Overload, temperature, clipping and more
Features:	
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 (Protection of the system against damage)	3 Sigma peak current
Field voltage/Field current variable according to customer spec.	Electronic zero-point-regulation (TMC)

TECHNICAL PARAMETERS Cooling blower TB 120 FUK

Max. volume flow rate	1500 m³/h
Total pressure difference	10.2 kPa
Motor output	5.5 kW
Max. frequency	100 Hz
Hose diameter	140 mm
Hose length (Std.)	5 m
Weight	61 kg
Dimensions (WxHxD)	487 x 637 x 487 mm
Max. sound pressure level	102 dB(A)
Power supply (standard)	by amplifier rack
Max. power consumption at 400 V	7 kVA
Options:	
Silencer TB 120-SI (Noise reduction 3 - 6 dB(A))	Dimensions (LxD): 1100 x 160 mm
	Weight: 1.2 kg
Acoustic enclosure TB 120-AE (Noise reduction 5 - 23 dB(A))	Dimensions (WxHxD): 1094 x 1086 x 1000 mm
	Weight: 134 kg
	Hose length according to customers request (up to 10 m)



Cooling blower TB 120 FUK



Silencer TB 120-SI (optional)



Acoustic enclosure TB 120-AE (optional)