

# Cluster Band 200 0,1m/s



MULTIPURPOSE HOIST



## GENERAL INFORMATION

The CLB model is equipped as standard with an extra safety catch integrated in the gearbox and dynamic self-locking gear, for silent and accurate operation. The Cluster band hoist was specially developed for lifting loudspeaker systems such as line arrays and can be used in theatres but also in smaller venues like conference halls. The required cabling for the loudspeaker system is carried along in addition to the load bearing line of steel bands. The double load bearing line ensures that the attached line arrays cannot tilt.

## APPLICATIONS

Compact and efficient, the Cluster band hoist is suited for all types of venues such as arenas, studios, theatres, operas, multipurpose venues and more. Due to its light weighted design, it is ideal for mobile applications.

## REGULATIONS

- DGV V17/18
- EN 17206
- SIL3 (if supplied with ASM control)

## FEATURES

- Max travel : 12 m
- Load capacity : up to 200 kg
- Equipped with 0,55 kW motor
- Equipped as standard with two steel bands as durable load bearing line : stable travel without twisting of suspended load

- Equipped with dynamic self-locking gear for gentle braking
- Equipped with an extra safety catch
- Less maintenance required, as the hoist does not have brakes
- Smooth deceleration of the load even in the event of a power failure
- Suitable for truss installation, mounting on existing steel structures or to a ceiling
- Low mounting height
- Easily installed in little storage space (no space loss)
- Silent and accurate operation
- Includes load measurement

## CLB range

The Cluster band model with speed 0,1 m/s is part of a wider range of cluster hoists, also available with chain. As ASM engineered each hoist to their fullest capacity, each model has their specific composition which cannot be altered. Special models can be offered on request.

	Speed in m/s	Hoist capacity in kg
CLB 0,1	0,1	200

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## TECHNICAL DATA

MODEL	Cluster Band 200 – 0,1 – 12 - SIL3 Without PowerPack	Cluster Band 200 – 0,1 – 12 – GSG - SIL3 With PowerPack
Type	CLB200-0,1-12-SIL3	CLB200-0,1-12-GSG-SIL3
Operating Mode	Synchronous (ready)	Synchronous
Regulation	DGUV 17 /18 (before BGV C1), EN 17206	
SIL Level	SIL3	
Hoist capacity on band	200 Kg	
Max Travel	12 m	
Max Speed	0,1 m/s	
Variable Speed	Yes	
No. of Drops	2	
Load Bearing Line	2 x Steel band 30 x 0,4 mm (double steel band included)	
Load Carrying Equipment	Yoke	
Type of Material - Chassis	Steel	
Chassis Colour	Black	
Type of Material - Cover	Steel / Aluminum	
Cover Colour	Black	
Installation method	Hanging	
Safety System	Dynamic self-locking gear	
Gearbox Design	Worm	
Gearbox Safety	Safety catch	
Motor Type	Asynchronous motor	
Motor Performance	0,55 kW	
Limit Switch	4 track (Stromag) DGUV V17 (2 x operational limits + 2 x absolute limits)	
Encoder System	2 x absolute encoders (SSI Interface)	

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## TECHNICAL DATA (CONTINUED)

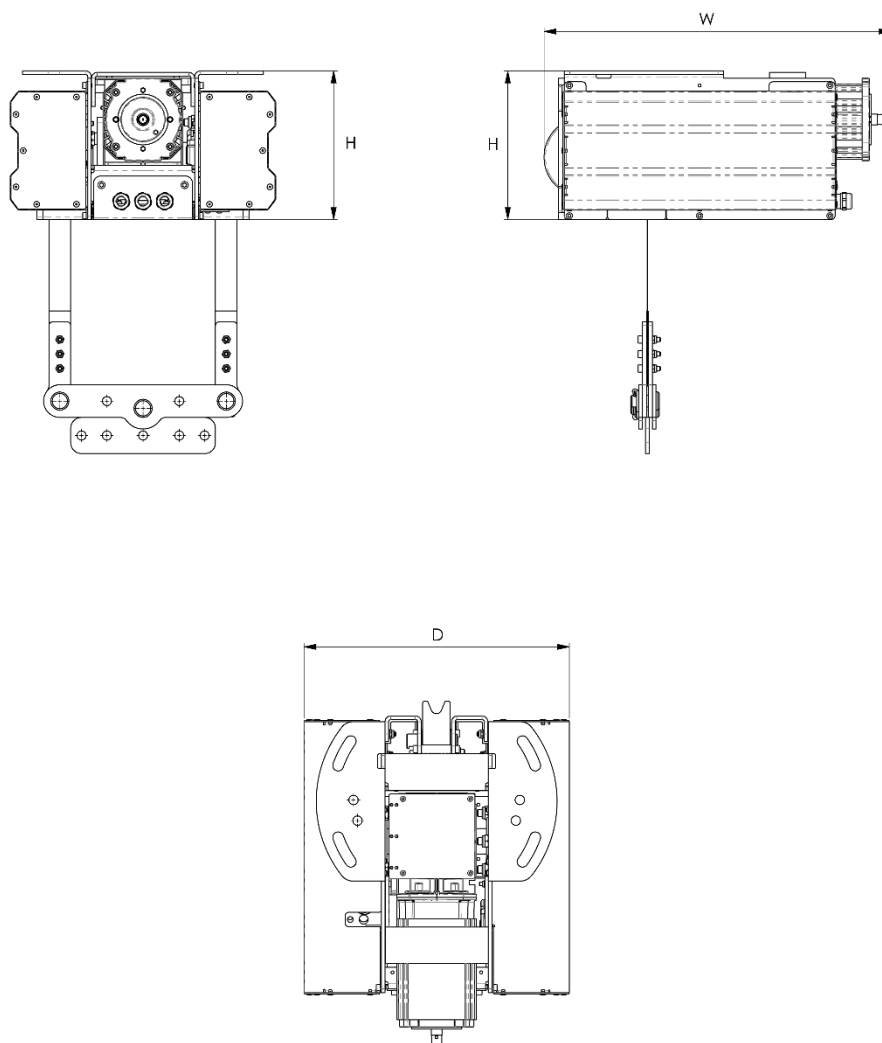
MODEL	Cluster Band 200 – 0,1 – 12 - SIL3 Without PowerPack	Cluster Band 200 – 0,1 – 12 – GSG - SIL3 With PowerPack
Type	CLB200-0,1-12-SIL3	CLB200-0,1-12-SIL3-GSG
Load Sensing (total load)	Load cell   4-20 mA   SIL3	
Hoist Control Type	Not supplied	ASM GENESIS SIL3
Position of Hoist Control	None	External, ASM PowerPack
Control Equipment	None	GENESIS SIL3 PowerPack 2,2kW with ASM TWINCORE SIL3 axis card, E-stop management and frequency inverter (16 kHz), including 2 m multi-pin connection cable (Harting)
Cable Interface	ASM standard terminal interface incl. wiring scheme	ASM standard connector interface (Harting) between hoist and PowerPack
Main/Motor Supply	L1 / L2 / L3 / PE (400 V 50/60 Hz)	3 PH / N / PE (400 V 50/60 Hz) via external ASM PowerPack
Power Cable	Not supplied	1,5 m CEE 5 PIN-16 A
Dimension HxWxD Without external powerpack	205 mm x 366,8 mm x 479,5 mm	
Weight Without external powerpack	31 kg (without steel bands)	
Including	2 steel bands for 12 meter travel	
		1 external ASM PowerPack (2,2 kW), 2 m connection cable set (standard max.) between PowerPack and hoist, and 1,5 m power cable
	Documentation	

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## DIMENSIONS



Without PowerPack	<b>CLB 200 0,1 12</b>
<b>Height</b>	205 mm
<b>Width</b>	479,5 mm
<b>Depth</b>	367 mm
<b>Weight</b>	31 kg (without steel bands)



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