

P 250TH 0,2m/s

STEEL BAND HOIST



GENERAL INFORMATION

The P 250 TH 0,2 model is equipped as standard with an extra safety catch integrated in the gearbox and dynamic self-locking gear, for silent and accurate operation. This point hoist uses a single steel band as a load bearing line. The perfectly balanced hoist is integrated in a yoke and therefore has a swivel function, allowing diagonal hoisting to all sides regardless of the attached load.

APPLICATIONS

Suited for a wide range of applications such as arenas, studios, theatres, operas, multipurpose venues and more. Due to its light weighted design, it is ideal for mobile applications.

REGULATIONS

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

FEATURES

- Max travel : 20 m
- Load capacity : up to 250 kg
- Equipped with 1,5 kW motor
- Equipped as standard with one steel band, durable load bearing line
- Equipped with dynamic self-locking gear and an extra safety catch for gentle braking
- Less maintenance as no brakes are required

- Smooth deceleration of the load even in the event of a power failure
- Mountable under an I-beam, vertically on or within a truss, trolley mount above a grid, self-climbing hoist
- Allows diagonal hoisting to all sides regardless of the attached load
- Silent and accurate operation
- Load carrying device by means of tear proof tested eyelet
- Removable eyelet allows the steel band passing through most grids
- Optimal capacity of own weight ratio

P 250 TH range

The P 250 TH model with speed 0,2 m/s is part of a wider range of steel band point hoists, also available with independent theatre brakes. 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
P 250 TH 0,2	0,2	250

P 250TH 0,2m/s

STEEL BAND HOIST



TECHNICAL DATA

MODEL	P 250 TH - 0,2 - SIL3 Without PowerPack	P 250 TH-0,2 - SIL3 - GSG With PowerPack
Type	P 250 TH-0,2-SIL3	P 250 TH-0,2-SIL3-GSG
Operating Mode	Synchronous (ready)	Synchronous
Regulation	DGVU 17 (before BGV C1), EN 17206	
SIL Level	SIL3 ready	SIL3
Hoist capacity on steel band	250 Kg	
Max Travel	20 m	
Max Speed	0,2 m/s	
Variable Speed	Yes, depending on control	Yes
Duty Cycle	Up to 52% / 50 Hz	
Noise Level	Approx. 48 dBA	
No. of Drops	1	
Load Bearing Line	Steel band 45 x 0,4 mm	
Load Carrying Equipment	Eyelet - included	
Type of Material - Chassis	Steel	
Chassis Colour	Black	
Type of Material - Cover	Steel	
Cover Colour	Black	
Installation method	Hanging or self-climbing	
Safety System	Dynamic self-locking gear	
Gearbox Type	TS-10 i=99	
Gearbox Design	Worm	
Gearbox Safety	Safety catch	
Motor Type	Asynchronous motor	
Motor Performance	1,5 kW, 2 pol	
Limit Switch	4 track (Stromag) DGVU V17 (2 x operational limits + 2 x absolute limits)	
Encoder System	2 x absolute encoder (SSI Interface)	

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TECHNICAL DATA (CONTINUED)

MODEL	P 250 TH - 0,2 - SIL3 Without PowerPack	P 250 TH - 0,2 - SIL3 - GSG With PowerPack
Type	P 250 TH-0,2-SIL3	P 250 TH-0,2-SIL3-GSG
Load Sensing (total load)	Load cell 4-20 mA SIL3	
Hoist Control Type	Not supplied	ASM GENESIS SIL3
Position of Hoist Control	Not supplied	External, ASM PowerPack
Control Equipment	None	GENESIS SIL3 PowerPack 4kW with ASM TWINCORE SIL3 axis card, E-stop management and frequency inverter (16 kHz), including 2m multi-pin connection cable (Harting)
Cable Interface	ASM standard connector interface (Harting) incl. wiring scheme	ASM standard connector interface (Harting) between hoist and PowerPack
Main/Motor Supply	U1 / V1 / W1 / 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	532 mm x 508 mm x 440 mm	
Weight Without external PowerPack	75 kg	
Including	Eyelet	
	Documentation	

OPTIONS*

- Trolley (grid trolley and beamer trolley)
- Two string operation
- Lighter aluminum housing
- Longer travel possible

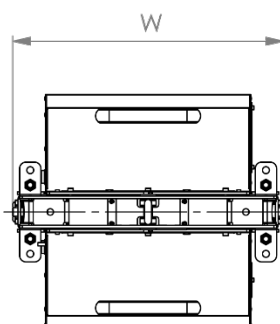
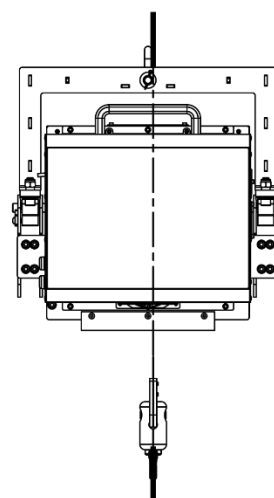
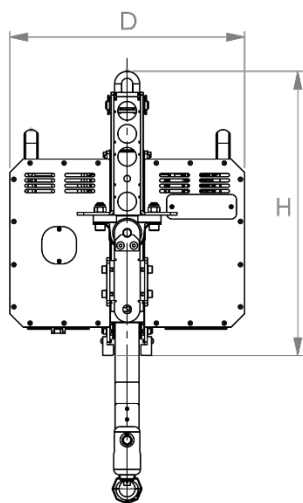
*available on request

P 250TH 0,2m/s

STEEL BAND HOIST



DIMENSIONS



Without PowerPack	P 250 TH 0,2
Height	532 mm
Width	508 mm
Depth	440 mm
Weight	75 kg



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Note: Specifications subject to change without notice. ASM shall not be liable for any inaccuracies or omissions which may occur therein.
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