

# JDN MONORAIL AIR HOISTS EH 25

30 YEARS OF EXPERIENCE IN OFFSHORE MATERIAL HANDLING



## Your benefits

- **25 % less air consumption**  
due to new energy saving valve
- **Lube-free operation**  
no additional lubrication required
- **Less components, low maintenance**  
due to new brake motor generation
- **Adjustable beam width**
- **Reduced noise level**



**J.D. NEUHAUS**  
powered by air!

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## JDN Monorail Air Hoists

As a result of 30 years of experience in offshore material handling J.D. Neuhaus introduces a new generation of Monorail Hoists.

These new JDN Monorail Hoists were specially designed for BOP Handling Systems and fulfill all requirements for this special application. They are available with pneumatic or hydraulic drive.

## Features

- Flow optimised air guidance
- Offshore corrosion protection package
- Standards API 7K, ABS, ANSI B30, DNV Approval Programs, NORSOK
- Overload adjustable from 90 % to 125 %
- 3.1 certification on load carrying parts
- Safety factor 5:1
- Traceability by JDN unique parts marking system

- Quality Management System according to ISO 9001 and Environmental Management System according to ISO 14001 by the TÜV Rheinland

## Optional Features

- Air, hydraulic or electrical remote control
- Overload protection
- Load monitoring system
- Radio control
- Rack & pinion drive
- Articulated trolley for limited side pulling
- Worldwide Service

## Technical Data

EH 25		
Air pressure	85 psi	6 bar
Carrying capacity	25 mt	
Number of chain strands	2	
Engine output trolley	1.4 kW	
Engine output hoist	6.3 kW	
Lifting speed at full load	4.1 ft/min	1.25 m/min
Lifting speed without load	7.9 ft/min	2.4 m/min
Lowering speed at full load	9.8 ft/min	3.0 m/min
Travelling speed at full load	39.4 ft/min	12 m/min
Travelling speed without load	44.3 ft/min	13.5 m/min
Air consumption trolley	91.8 cfm	2.6 m <sup>3</sup> /min
Air consumption hoist – lifting	229.6 cfm	6.5 m <sup>3</sup> /min
Air consumption hoist – lowering	105.9 cfm	3.0 m <sup>3</sup> /min
Air connection	G1	
Hose dimension (Ø inside)	25 mm	
Weight at standard lift	2260 lbs	1025 kg
Chain dimension	23.5 x 66 mm	
Weight of chain	26.9 lbs/ft	12.2 kg/m
Standard lift	10 ft	3 m
Length of control at standard lift	6.5 ft	2 m
Sound level at full load <sup>1</sup> – lifting	78 dB(A)	
Sound level at full load <sup>1</sup> – lowering	81 dB(A)	

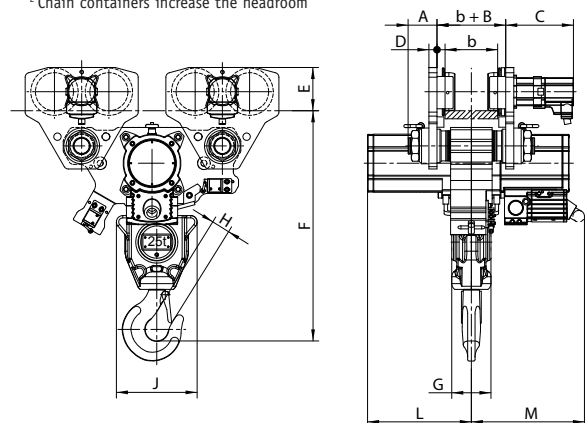
<sup>1</sup> measured in 1 m distance acc. to DIN 45635 part 20

## Dimensions

EH 25	inch	mm
A <sup>1</sup>	3.5 – 6.8	90 – 172
B	2.8	70
C	11.6	295
D	1.4	35
E	7.4	188
F <sup>2</sup>	39.3	998
H	3.0	75
J	13.8	350
K	43.3	1100
L	17.7	450
M	19.3	490

<sup>1</sup> Depending on beam width

<sup>2</sup> Chain containers increase the headroom



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