JDN BIG BAG HANDLING AIR HOISTS

Authorized Sales & Service

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BBH 1000 and BBH 2000

For big bag handling applications, J.D. Neuhaus offers innovative system solutions and thus meet the special requirements of this range of use.

JDN Big Bag Handling Air Hoists are available at carrying capacities of 1000 kg and 2000 kg with an air pressure of 85 PSI.

Designs with one or two load hooks

- With one load hook for cross beams. The large distance between the hook and the chain box is particularly advantageous.
- With two load hooks for more complex multipoint cross beams or simple rod cross beams with two means of suspension.

■ THE ADVANTAGES AT A GLANCE

- Particularly suited for use as big bag handling hoists and for the movement of all kinds of bulky loads due to the extreme low construction height.
- Compact, modern design.
- Usable as synchronised hoist in two-hook design.
- Very economical and reliable due to the use of proven JDN serial components.
- No additional motor lubrication required.
- Fewer parts for operation free of maintenance and wear.
- Chain box included in standard equipment.
- Adjustable to various I-profiles; customized hook distance.

Take advantages of compressed air as the driving medium:

- Suited for standard use in areas at risk of explosion. Explosion protection classification according to Directive 94/9/EG (Equipment and protective systems intended for use in potentially explosive areas (ATEX)). The hoists are available for the following explosion protection classifications:
 - $\langle E \rangle$ II 2 GD IIA T4(X) / II 3 GD IIB T4(X),
 - ⟨Ex⟩ | I 2 GD | IB T4(X) or | I 2 GD | IC T4(X).
- 100 % duty rating, and thus no downtimes.

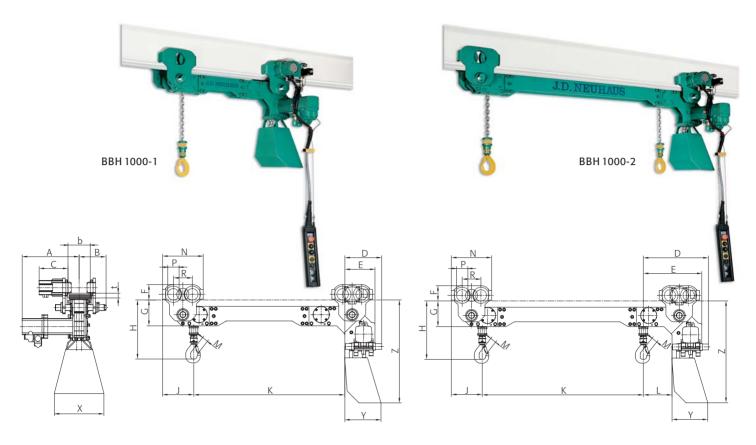
TECHNICAL DATA

Туре		BBH 1000-1	BBH 2000-1
Number of hooks			l
Air pressure	PSI Bar	8	
Carrying capacity	t	1	2
Number of chain strands		1	2
Engine output hoist	kW	1	
Engine output trolley	kW	0	.2
Lifting speed at full load	ft/min m/min	13.12 <i>4</i>	6.56 2
Lifting speed without load	ft/min m/min	29.53 9	14.76 <i>4.5</i>
Lowering speed at full load	ft/min m/min	32.81 10	16.40 5
Air consumption at full load – lifting	cfm m³/min		.44 .4
Air consumption at full load – lowering	cfm m³/min	·-	.38 2
Air consumption at full load – trolley	cfm m³/min		.19 .6
Air connection		G ¹	/2
Hose dimension (Ø inside / Ø outside)	inch. <i>mm</i>	0.59, 15,	/1.06 /27
Weight at standard lift and K min	lbs <i>kg</i>	286.60 130	302.03 <i>137</i>
Chain dimension	inch. <i>mm</i>	0.28 x 7 x	
Weight of 1 m chain	lbs <i>kg</i>	2	20 1
Standard lift	ft m		0
Length of control at standard load ¹ – lift	ft m		.5 2
Sound level at full load ¹ – lifting	dB(A)	7	6
C 11 1 (CH1 11 1)		78	
Sound level at full load 1 – lowering	dB(A)	7	8

DIMENSIONS

Тур	e		BBH 1000-1	BBH 2000-1
Α		inch. mm	14. <i>36</i>	
В		inch. mm	6.4/8.7 163/220	
Ь	min.	inch. mm	3.54 90	
	max.	inch. mm	12.20 310	
С		inch. mm	7.17 182	
D		inch. mm	8.94 <i>227</i>	
Е		inch. mm	7.28 185	
F		inch. mm	3.74 95	
G		inch. mm	6.26 159	
Н		inch. mm	15.3 <i>3</i> 88	16.77 <i>426</i>
J		inch. mm	7.56 192	8.66 220
K	min.	inch. mm	17.13 <i>435</i>	16.14 <i>410</i>
	max.	inch. mm	43.31 1100	
L		inch. mm	- -	
M		inch. mm	1.10 28	1.18 <i>30</i>
N		inch. mm	9.84 250	
Р		inch. mm	2.76 70	
R		inch. mm	4.57 116	
t	max.	inch. mm	1.1 30	





■ TECHNICAL DATA

T		DDII 1000 2	DDII 2000 2
Type Number of hooks		BBH 1000-2	BBH 2000-2
	PSI	2	
Air pressure	Bar	6	
Carrying capacity	t	1	2
Number of chain strands		2	4
Engine output hoist	kW	1	
Engine output trolley	kW	0.	2
Lifting speed at full load	ft/min m/min	13.12 <i>4</i>	6.56 2
Lifting speed without load	ft/min m/min	29.53 9	14.76 <i>4.</i> 5
Lowering speed at full load	ft/min m/min	32.81 10	16.40 5
Air consumption at full load – lifting	cfm m³/min	49. 1.	44 <i>4</i>
Air consumption at full load – lowering	cfm m³/min	42. 1.	38 2
Air consumption at full load – trolley	cfm m³/min	21. <i>0.</i>	19 6
Air connection		G1	/2
Hose dimension (Ø inside / Ø outside)	inch. <i>mm</i>	0.59/ <i>15/</i>	′1.06 ′27
Weight at standard lift and K min	lbs kg	302.03 <i>137</i>	328.49 <i>14</i> 9
Chain dimension	inch. mm	0.28 x	
Weight of 1 m chain	lbs <i>kg</i>	2.2 1	
Standard lift	ft m	1	
Length of control at standard load ¹ – lift	ft m	6.	
Sound level at full load ¹ – lifting	dB(A)	7	6
Sound level at full load ¹ – lowering	dB(A)	7	8
Sound level at full load ¹ – trolley	dB(A)	80	

DIMENSIONS

Тур	e		BBH 1000-2	BBH 2000-2
Α		inch. mm	14 36	.17 60
В		inch. <i>mm</i>	6.4/8.7 163/220	
Ь	min.	inch. mm	3 9	
	max.	inch. mm	12	.20 10
С		inch. mm	7. 18	17 32
D		inch. mm	15.94 <i>405</i>	14.9 <i>378</i>
Е		inch. mm	14.29 <i>363</i>	13.2 336
F		inch. mm	3. [°] 9	74 5
G		inch. mm	6.26 <i>15</i> 9	
Н		inch. mm	15.3 388	16.77 <i>426</i>
J		inch. mm	7.56 192	8.66 220
K	min.	inch. mm	10 28	.24 60
	max.	inch. mm	51. 13	.18 00
L		inch. mm	6.89 <i>175</i>	5.91 <i>150</i>
М		inch. mm	1.10 28	1.18 <i>30</i>
N		inch. mm	9.84 250	
Р		inch. mm	2.76 70	
R		inch. mm	4.57 116	
t	max.	inch. <i>mm</i>	1. 3	18 <i>0</i>

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