JDN BIG BAG HANDLING AIR HOISTS



JDN BIG BAG HANDLING AIR HOISTS





BBH 1000 and BBH 2000

JDN Big Bag Handling Air Hoists

For big bag handling J.D. Neuhaus offers innovative design solutions to meet the special requirements of these applications.

JDN Big Bag Handling Air Hoists

are available in capacities of 1100 kg and 2200 kg with an air pressure of 6 bar.

Designs with one or two load hooks

With one load hook for standard cruciform lifting beam designs. The extended distance between the hook and the chain box is particularly advantageous. This guarantees that there is no risk of collision between the load and the chain box. With twin load hooks for more complex cruciform lifting beam designs or for standard lifting beam designs with two suspension points.

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 low headroom design.
- Compact, modern design.
- Suitable for use as a synchronised hoist in twin-hook design.
- The use of JDN standard components guarantees reliable operation and cost effective manufacture.
- No additional motor lubrication required.
- Small number of maintenance/ wear free moving parts.

- Chain box included as standard.
- Suitable for a wide variety of beam sizes/ profiles, with hook centres to suit your requirements.

Take advantage of the driving medium air:

• Suitable for use as standard 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)).

• 100% duty rating, and thus no downtimes.



JDN BIG BAG HANDLING AIR HOISTS



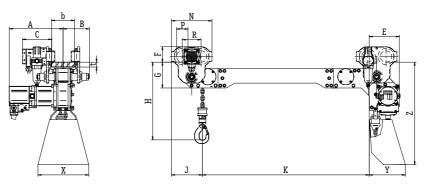
Technical Data

Туре		BBH 1000-1	BBH 2000-1
Capacity	mt	1.1	2.2
Air pressure	PSI	85	
Number of hooks	bar		б 1
Number of chain strands		1	2
Motor output hoist	kW		.7
Motor output trolley	kW	0.2	
Lifting speed at full load	ft/min <i>m/min</i>	12.14 3.7	5.58 1.7
Lifting speed without load	ft/min <i>m/min</i>	24.61 7.5	11.48 <i>3.5</i>
Lowering speed at full load	ft/min <i>m/min</i>	32.81 <i>10</i>	16.40 5
Air consumption at full load - lifting	cfm m³/min	49.44 1.4	
Air consumption at full load - lowering	cfm m³/min		.38 .2
Air consumption at full load - trolley	cfm m³/min	21.19 <i>0.6</i>	
Air connection	,	G	1/2
Hose dimension (Ø inside)	inch mm		/2 !3
Weight at standard lift and minimum k dimension	lbs <i>kg</i>	286.60 <i>130</i>	302.03 <i>137</i>
Chain dimension	mm		21
Weight of chain	lbs/ft kg/m		67 1
Standard lift	ft m		10 3
Length of control at standard load - lift	ft m	6.5 2	
Noise level at full load ¹ – lifting	dB(A)	76	
Noise level at full load ¹ - lowering	dB(A)	78	
Noise level at full load ¹ - trolley	dB(A)	8	80

Dimensions

Ту	pe			BBH 2000-1	
A		inch			
A		mm			
В		inch	6.4	8.7	
		mm	163	220	
b	min.	inch			
		mm inch	90		
	max.	mm	12.20 <i>310</i>		
		inch	310 7.17		
С		mm	182		
		inch	3.74		
Е		mm	95		
-		inch	6.26		
F		mm	159		
c		inch	7.	68	
G		mm			
Н		inch	15.3	17.24	
Н		mm	388	438	
J		inch	7.56	8.66	
0		mm	192	220	
	min.	inch	17.13	16.14	
К		mm	435	410	
	max.	inch	43.31		
inax.		mm	1100		
L inch mm			-		
			-		
М		inch mm	1.10 28		
		inch	28 9.84		
Ν		mm	9.84 250		
Р		inch	2.76		
		mm	2.76 70		
		inch	4.57		
R		mm	4.57		
		inch		18	
t	max.	mm	30		

Group mechanism: M4 (1 Am) \cdot $^1\text{Measured}$ at 1 m distance acc. to DIN 45635 part 20









Technical Data

4	
5.58	
5.58	
5.58	
1.7	
11.48 3.5	
16.40 5	
28.49 <i>149</i>	
6.5 2	
76	
78	
3	

Dimensions

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Tur			BBH 1000-2	BBH 2000-2	
A mm 332 B inch mm 6.4 163 8.7 220 b min. max. inch mm 3.54 90 max. inch mm 12.20 310 C inch mm 12.20 310 C inch mm 13.02 346 F inch mm 14.69 373 13.62 346 F inch mm 3.74 95 G inch mm 15.3 159 H inch mm 15.3 192 K mm 220 K min. mm inch 192 M inch mm 10.24 220 K min. mm 10.24 230 M inch mm 1300 L inch mm 175 M inch mm 175 N inch mm 175 N inch mm 9.84 N mm 250 P inch mm 2.76 mm R inch mm 2.76 M mm	ı yı	Je	inch			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	А					
$\begin{tabular}{ c c c c c } \hline mm & 163 & 220 \\ \hline mm & 163 & 90 \\ \hline max. & mm & 90 \\ \hline max. & mm & 90 \\ \hline max. & mm & 310 \\ \hline mm & 12.20 \\ \hline mm & 12.20 \\ \hline mm & 182 \\ \hline \hline \\ \hline $			inch			
$ \begin{array}{c c c c c c c c } \hline min. & mm & 90 \\ \hline max. & inch & 12.20 \\ \hline max. & mm & 310 \\ \hline \hline \\ \hline $	В		mm	163	220	
$ \begin{tabular}{ c c c c c } \hline mm & g0 \\ \hline max. & inch & 12.20 \\ \hline mm & 310 \\ \hline \hline \\ \hline $		min	inch			
$\begin{array}{c c c c c c c c c c c } max. & inch & 12.20 & & & & & & & & & & & & & & & & & & &$	b			••		
$ \begin{array}{c c c c c c c } C & inch & 7.17 & 182 \\ \hline mm & 182 \\ \hline B & inch & 14.69 & 13.62 & 346 \\ \hline F & inch & 3.74 & 95 \\ \hline G & inch & 6.26 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 15.3 & 17.24 & 159 \\ \hline H & inch & 10.24 & 159 & 150 \\ \hline R & inch & 0.89 & 5.91 & 150 \\ \hline N & inch & 0.84 & 110 & 150 \\ \hline P & inch & 0.84 & 150 & 150 \\ \hline P & inch & 0.76 & 70 & 150 \\ \hline R & inch & 0.76 & 70 & 150 \\ \hline R & inch & 0.16 & 116 & 116 \\ \hline \end{array} $		max.				
$\begin{tabular}{ c c c c c } \hline C & mm & 182 \\ \hline mm & 182 \\ \hline E & inch & 14.69 & 13.62 \\ mm & 373 & 346 \\ \hline F & inch & 3.74 & 95 \\ \hline G & inch & 6.26 & \\ mm & 159 \\ \hline H & inch & 15.3 & 17.24 & \\ mm & 388 & 438 & \\ J & inch & 7.56 & 8.66 & \\ mm & 192 & 220 \\ \hline H & mm & 388 & 438 & \\ J & inch & 7.56 & 8.66 & \\ mm & 192 & 220 & \\ \hline H & mm & 10.24 & \\ \hline max. & inch & 10.24 & \\ mm & 1300 & \\ \hline L & inch & 6.89 & 5.91 & \\ mm & 175 & 150 & \\ \hline M & inch & 1.10 & \\ mm & 28 & \\ N & inch & 9.84 & \\ \hline N & inch & 9.84 & \\ \hline N & inch & 9.84 & \\ \hline N & inch & 2.76 & \\ \hline P & inch & 4.57 & \\ \hline R & inch & mm & 116 & \\ \hline \end{tabular}$						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	С					
E mm 373 346 F inch 3.74 95 G inch 6.26 159 H inch 15.3 17.24 M 388 438 J inch 7.56 8.66 mm 192 220 K min. inch 10.24 max. inch 10.24 220 M inch 9.84 1300 L inch 9.84 80 N mm 250 70 P inch 2.76 70 R inch 4.57 70					-	
Image 95 G inch mm 6.26 159 H inch mm 15.3 388 17.24 438 J inch mm 7.56 192 8.66 220 K min. inch mm 10.24 260 max. inch mm 10.24 260 M inch mm 1300 L inch mm 175 150 M inch mm 175 150 M inch mm 250 150 P inch mm 2.76 70 70 R inch mm 4.57	E					
mm 95 G inch 6.26 mm 159 H inch 15.3 J inch 7.56 mm 388 438 J inch 7.56 mm 192 220 K min. inch max. inch 10.24 mm 260 200 L inch 51.18 mm 1300 150 M inch 1.75 M inch 1.10 mm 28 150 N inch 9.84 N inch 2.76 P inch 2.76 R inch 4.57 R inch 4.57	E		inch			
	г		mm	95		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	G					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Ũ					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Н					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	J					
K mm 260 max. inch mm 51.18 1300 L inch mm 6.89 175 5.91 150 M inch mm 1.10 M inch mm 28 N inch mm 9.84 P inch mm 2.76 70 R inch mm 4.57 mm		inch				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	V	min.	mm			
mm 1300 L inch 6.89 5.91 mm 175 150 M inch 1.10 mm 28 N inch 9.84 mm 250 P inch 2.76 mm 70 R inch 4.57 mm 116	ĸ	may	inch	1300		
Image: Leman mail mm 175 150 M inch mm 1.10 1.10 N inch mm 9.84 1.10 P inch mm 250 1.10 R inch mm 2.76 1.10 R inch mm 4.57 1.10		max.				
inch mm 1.10 28 N inch mm 9.84 P inch mm 2.76 R inch mm 4.57 mm 116	L					
M mm 28 N inch 9.84 mm 250 P inch 2.76 mm 70 R inch 4.57 mm 116						
N inch mm 9.84 250 P inch mm 2.76 70 R inch mm 4.57 116	М					
N mm 250 P inch 2.76 mm 70 R inch 4.57 mm 116						
P inch mm 2.76 R inch mm 70	Ν					
P mm 70 R inch 4.57 mm 116						
R mm 116	Р					
mm 116	D		inch			
	ĸ		mm	116		
t may	t	max	inch	1.18		
mm 30	·	max.	mm	3	0	

Group mechanism: M4 (1 Am) \cdot $^1\text{Measured}$ at 1 m distance acc. to DIN 45635 part 20

