

HYDRAULIC HOISTS

JDN HYDRAULIC SERIES

Robust – Reliable – Low maintenance
The hydraulic solution of the PROFI series

J·D·NEUHAUS
1745
permanent excellence

JDN HYDRAULIC HOISTS AND MONORAIL HOISTS

HYDRAULIC HOISTS PROFI / HYDRAULIC MONORAIL HOISTS
CAPACITIES: 3 T UP TO 100 T

JDN Hydraulic Hoists and Hydraulic Monorail Hoists are available with capacities from 3 t up to 100 t.
Depending on motor size these hoists work with an intake pressure of 130 bar up to 180 bar.
Pressure fluid: Oil.

ADVANTAGES:

- Ideally suited for working in hazardous areas (explosion risk)
- Extremely low noise emissions
- Fully enclosed highly robust gear motor
- Integrated overload protection
- Only two supply connections at hoist "P" and "T", leakage oil drained internally
- The drive is hermetically sealed off from the environment



J.D. NEUHAUS – MORE THAN PRODUCTS

As a family-run company in its seventh generation, our commitment to clear values helps us achieve the standard of "Permanent Excellence" that we have held ourselves to for over 275 years.

The three value pairs of tradition and innovation, performance and longevity as well as partnership and passion create the foundation for our daily activities. They shape our partnership with the people who work for us, as well as with our partners and customers. They are found in the quality and German engineering of our products, and in the way we work with you and find new solutions thanks to our innovative spirit.

Our thinking is guided by sustainability, which we believe our future urgently needs and, of course, deserves.



TECHNICAL DATA

TYPE		3TI-H	6 TI-H	10 TI-H	16TI-H	20 TI-H	25 TI-H	37 TI-H	50 TI-H	75 TI-H	100 TI-H
Capacity	mt	3.2	6.3	10	16	20	25	37.5	50	75	100
Intake pressure	psi bar	1885 130					2176 150			2611 180	
Intake volume	cfm l/min	1.7 48					2.8 80			3.0 85	
Number of chain strands		1	2		3	4	2	3	4	3	4
Motor output	kW	3.5					6			9	
Motortype		KM 1/16					KM 2/32				
Lifting speed at full load	ft/min m/min	13.1 4.0	6.6 2.0	3.9 1.2	2.6 0.8	2.0 0.6	3.6 1.1	2.3 0.7	1.6 0.5	1.7 0.53	1.3 0.4
Lifting speed without load	ft/min m/min	14.8 4.5	7.6 2.3	4.1 1.25	2.7 0.82	2.0 0.6	3.9 1.2	2.6 0.8	1.6 0.5	2.0 0.6	1.5 0.45
Lowering speed at full load	ft/min m/min	14.8 4.5	7.6 2.3	4.3 1.3	2.8 0.85	2.1 0.65	3.9 1.2	2.6 0.8	1.6 0.5	2.0 0.6	1.5 0.45
Lowering speed without load	ft/min m/min	14.8 4.5	7.6 2.3	4.3 1.3	2.8 0.85	2.1 0.65	3.9 1.2	2.6 0.8	1.6 0.5	2.0 0.6	1.5 0.45
Connection		G 1/2					G 3/4				
Hose dimension		DN12					DN16				
Weight at standard lift with control	lbs kg	198.4 90	251.3 114	352.7 160	538 244	637.1 289	1282 583	2123 965	2068 940	4079 1850	4519 2050
Chain dimension	mm	13x36		16x45			23,5x66			32x90	
Weight of chain	lbs/ft kg/m	2.6 3.8		3.9 5.8			8.2 12.2			14.3 21.3	
Standard lift	ft m	10 3									
Length of control at standard lift	ft m	6.5 2									

TECHNICAL DATA

HYDRAULIC MONORAIL HOISTS EH 20-H UP TO EH 100-H

TYPE		EH 20-H	EH 25-H	EH 37-H	EH 50-H	EH 75-H	EH 100-H
Capacity	t	20	25	37.5	50	75	100
Intake pressure	psi bar	1885 130	2176 150			2611 180	
Intake volume	cfm l/min	1.7 48	2.8 80			3.0 85	
Number of chain strands		4	2	3	4	3	4
Motor output trolley	kW	0,7	1,4			2,8	
Motor output hoist	kW	3,5	6			9	
Motor type trolley		KM 1/8					
Motor type hoist		KM 1/16	KM 2/32				
Lifting speed at full load	ft/min m/min	2.0 0.6	3.6 1.1	2.3 0.7	1.6 0.5	1.7 0.53	1.3 0.4
Lifting speed without load	ft/min m/min	2.0 0.6	3.9 1.2	2.6 0.8	1.6 0.5	2.0 0.6	1.5 0.45
Lowering speed at full load	ft/min m/min	2.1 0.65	3.9 1.2	2.6 0.8	1.6 0.5	2.0 0.6	1.5 0.45
Lowering speed without load	ft/min m/min	2.1 0.65	3.9 1.2	2.6 0.8	1.6 0.5	2.0 0.6	1.5 0.45
Travelling speed at full load	ft/min m/min	39.4 12					
Connection		G 1/2	G 3/4				
Hose dimension		DN12	DN16				
Weight at standard lift with control	lbs kg	1584 720	2310 1050	3410 1550	4136 1880	8378 3800	11354 5150
Chain dimension	mm	16x45	23,5x66			32x90	
Weight of chain	lbs kg	3.9 5.8	8.2 12.2			14.3 21.3	
Standard lift	ft m	10 3					
Length of control at standard lift	ft m	6.5 2					

CONTACT

For further information, please contact us. Our sales, project management and service staff will be happy to assist you.

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