

JDN Hydraulic & Monorail Hoists

The alternative to air hoists: JDN Hydraulic Hoists and Hydraulic Monorail Hoists with capacities up to 100t. Depending on motor size these hoists work with an intake pressure between 100 and 180 bar. (Pressure fluids: Oil or flame resistant fluids HFC.) These JDN Hoists can be deployed as an alternative to air driven units in all places where hydraulic lines, central hydraulic systems or hydraulic power supplies exist.

Features

- Ideal for applications in explosion risk areas.
- Sensitive, infinitely variable speed control of lifting / lowering and travelling motions.
- Extremely low noise emissions.
- Fully enclosed highly robust motor.
- Integrated overload protection.
- Controlled load lowering up to 20t capacity in the event of oil supply failure.



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Specifications

Type - Hydraulic Hoists Profi	3 TI-H	6TI-H	10TI-H	16TI-H	20TI-H
Rated Capacity tonne	3.2	6.3	10	16	20
No. chain strands	1	2	2	3	4
Motor Type	KM 1/16	KM1/16	KM 1/16	KM 1/16	KM 1/16
Motor Output kW	3.5	3.5	3.5	3.5	3.5
Intake pressure bar	130	130	130	130	130
Intake volume l/min	48	48	48	48	48
Lifting Speed full load m/min	5.1	2.6	1.7	1.1	0.8
Lowering Speed full load m/min	5.5	3.0	2.1	1.5	1.0
Weight with standard lift height kg	583	965	940	940	2460
Chain Dimension mm	13x36	13x36	16x45	16x45	16x45
Weight of chain kg/m	3.8	3.8	5.8	5.8	5.8
Standard Lift m	3	3	3	3	3
Length of control at standard lift m	2	2	2	2	2

Type - Hydraulic Monorail Hoist	EH 20 H	EH 25 H	EH 37 H	EH 50 H	EH 75 H	EH 100 H
Rated Capacity tonne	20	25	37.5	50	75	100
No. chain strands	2	2	3	4	3	4
Motor Output trolley kW	0.7	1.4	1.4	1.4	2.8	2.8
Motor Outout Hoist kW	3.5	6	6	6	10	10
Motor Type Trolley	KM1/16	KM1/16	KM1/16	KM1/16	KM1/16	KM1/16
Motor Type Hoist	KM1/8-1/16	KM1/16	KM2/32	KM2/32	KM2/32	KM2/32
Intake Pressure bar	160/100	150	150	150	180	180
Lifting Speed full load m/min	0.8	1.1	0.7	0.5	0.55	0.55
Lowering Speed full load m/min	0.9	1.2	0.8	0.6	0.63	0.63
Travelling Speed m/min	12	12	12	12	12	12
Connection	G1/2	G3/4	G3/4	G3/4	G3/4	G3/4
Hose Dimension	DN 12	DN 16	DN 16	DN 16	DN 16	DN 16
Weight at standard lift kg	720	1050	1550	1880	4100	5800
Chain Dimension mm	16x45	23.5x66	23.5x66	23.5x66	31.5x90	31.5x90
Weight of chain kg	5.8	12.2	12.2	12.2	21.3	21.3
Standard Lift m	3	3	3	3	3	3

Your nearest distributor;

The information contained in this flyer is to be used as a guide only, specifications subject to change without notice.
All Materials Handling/Lifting jobs should be assessed individually. Pacific Hoists products are NOT to be used for lifting or lowering person/s.

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