



JDN AIR HOISTS PROFI



JDN AIR HOISTS PROFI



STRONG, FAST, SILENT.

High performance with more efficiency by reliability plus high lifting and lowering speeds. Low sound emissions.

OIL-FREE OPERATION.

Patented, permanent motor lubrication during operation, using a high-performance grease. No additional motor lubrication required.

ALWAYS FIT FOR THE JOB AND RELIABLE.

100% Duty Rating – No Downtime, Ex Classification according to EC Directive on Hazardous Locations 94/9/EEC (ATEX 100a)

PROFI 025 TI UP TO 2 TI

TECHNICAL DATA

Type		025 TI		05 TI		1 TI		2 TI	
Capacity	mt	0.16	0.25	0.32	0.5	0.63	1	1.25	2
Air pressure	psi bar	60 4	87 6	60 4	87 6	60 4	87 6	60 4	87 6
Number of chain strands		1		1		1		2	
Motor output	kW	0.6	1.0	0.6	1.0	0.6	1.0	0.6	1.0
Lifting speed at full load	ft/min m/min	65.6 20	65.6 20	32.8 10	36.1 11	16.4 5	18 5.5	8.2 2.5	8.9 2.7
Lifting speed without load	ft/min m/min	123 37.5	137.8 42	52.5 16	62.3 19	32.8 10	36.1 11	16.4 5	18 5.5
Lowering speed at full load	ft/min m/min	124.7 38	124.7 38	55.8 17	55.8 17	32.8 10	36.1 11	16.4 5	18 5.5
Air consumption at full load – lifting	cfm m ³ /min	24.7 0.7	42.4 1.2	24.7 0.7	42.4 1.2	24.7 0.7	42.4 1.2	24.7 0.7	42.4 1.2
Air consumption at full load – lowering	cfm m ³ /min	28.3 0.8	53 1.5	28.3 0.8	53 1.5	28.3 0.8	53 1.5	28.3 0.8	53 1.5
Air connection		G ½		G ½		G ½		G ½	
Hose dimension (ø inside)	inch mm	½ 13		½ 13		½ 13		½ 13	
Weight with standard lift, rope control	lbs kg	59.5 27	59.5 27	59.5 27	59.5 27	61.6 27.5	61.7 ¹ 28 ¹	75 ¹ 34 ¹	75 ¹ 34 ¹
Chain dimension	mm	7 x 21		7 x 21		7 x 21		7 x 21	
Weight of chain	lbs/ft kg/m	0.67 1.0		0.67 1.0		0.67 1.0		0.67 1.0	
Standard lift	ft m	10 3		10 3		10 3		10 3	
Length of control at standard lift	ft m	6.5 2		6.5 2		6.5 2		6.5 2	
Noise level at full load ² – lifting	dB(A)	73	74	74	75	74	76	74	76
Noise level at full load ² – lowering	dB(A)	77	78	77	78	77	78	77	78

¹With overload protection

²Measured at 1 m distance acc. to DIN 45635 part 20

Group mechanism at 6 bar: PROFi 025 TI M5 (2 m), PROFi 05 TI - PROFi 2 TI M4 (1 Am)



PROFI 1 TI

DIMENSIONS

Type		025 TI	05 TI	1 TI	2 TI
A min. headroom ¹	inch mm	17.7 450	17.7 450	17.7 450	19.6 498
B	inch mm	11.3 288	11.3 288	11.3 288	13.2 336
C	inch mm	5.7 145	5.7 145	5.7 145	5.7 145
D	inch mm	11.7 297	11.7 297	11.7 297	11.7 297
E ₁	inch mm	1.1 28	1.1 28	1.1 28	1.1 28
E ₂	inch mm	1.1 28	1.1 28	1.1 28	1.1 28
F up to hook centre	inch mm	5.4 137	5.4 137	5.4 137	5.4 137
G maximum width	inch mm	6.9 176	6.9 176	6.9 176	7.2 183

¹Chain containers increase the hoist headroom

