



Available in explosion proof version  
(please see page 442).

### Pneumatic chain hoist model CPA

Capacity 125 - 980 kg

Pneumatic chain hoists are characterized by high durability in a great number of industrial applications. The robust but light weight housing allows an easy transport.

#### Features

- Working pressures 5-7 bar.
- Rotating piston motor with 100% duty rating and an unlimited number of starts for continuous operation.
- Integrated limit switches for highest and lowest hook position as standard.
- Self-adjusting automatic disc brake.
- Extremely sensitive control with emergency-stop for a precise positioning of the load.
- Air release for brake as standard for models CPA 2-31, CPA 5-17 and CPA 10-9

#### Options

- All models available with push or geared trolley.
- Models CPA 2-31, CPA 5-17 and CPA 10-9 also available with chain control.
- Maintenance unit for main air supply pipe (pressure regulator, manometer, lubricator and support).
- Chain container

#### Applications

Automobile and aircraft industries, shipyards, on ships and docks. Foundries, on-/offshore, paint factories and paint shops, refineries, oil depots, galvanizing. Printing, textile and food industries, pulp, paper and cement mills. Glass and ceramic industries, wood working industries, chemical industries, heat treatment and power plants etc.

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## INFO

To ensure faultless operation the compressed air supply must be filtered and oiled!

Also suitable for operation with nitrogen.

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

## Technical data model CPA

Model	EAN-No. 4025092*	Capacity in kg/ number of chain falls	Chain dimensions d x p mm	Classification  FEM/ISO	Lifting speed with rated load <sup>1</sup> m/min	Lifting speed without load <sup>1</sup> m/min	Lowering speed with rated load <sup>1</sup> m/min	Air consumption with rated load <sup>1</sup> m³/min	Hoist motor  kW	Weight at standard lift (3 m) kg
CPA 1-13	*911795	125/1	4x12.2	1Am/M4	13.1	17.1	11.3	0.9	0.4	15.4
CPA 2-10	*911788	250/1	4x12.2	1Am/M4	9.8	17.1	13.7	0.9	0.4	15.4
CPA 2-31	*911801	250/1	6.3x19.5	1Bm/M3	31.0	52.0	36.0	2.1	1.33	21.8
CPA 5-5	*911818	500/2	4x12.2	1Am/M4	4.6	7.9	6.7	0.9	0.4	17.2
CPA 5-17	*911825	500/1	6.3x19.5	1Bm/M3	16.8	32.3	29.6	2.1	1.33	21.8
CPA 10-9	*911832	980/2	6.3x19.5	1Bm/M3	8.5	16.2	14.9	2.1	1.33	27.7

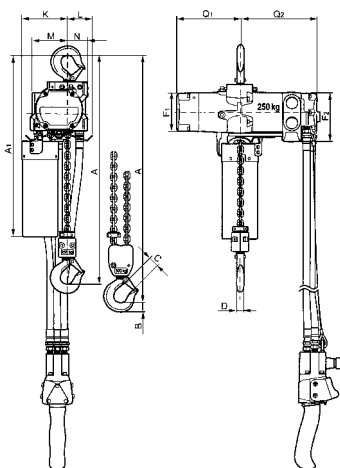
<sup>1</sup> Values for 6.3 bar (flow pressure) and 2 m control drop. Speeds will be reduced in case of longer control length.

Model CPA 1-13, CPA 2-10 and CPA 5-5 hose length max. 12 m, air supply 3/8" NPT

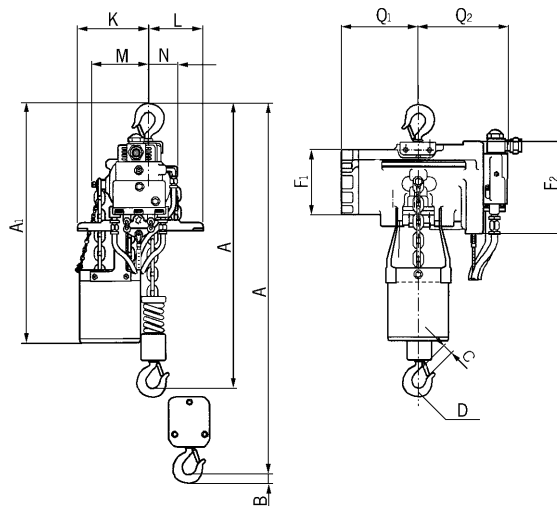
Model CPA 2-31, CPA 5-17 and CPA 10-9 hose length max. 20 m, air supply 1/2" NPT.

## Dimensions model CPA

Model	CPA 1-13	CPA 2-10	CPA 2-31	CPA 5-5	CPA 5-17	CPA 10-9
A, mm	292	292	457	324	457	457
A1, mm	410	410	483	410	483	508
B, mm	21	21	25	14	25	27
C, mm	20	20	24	24	24	28
D, mm	16	16	26	14	26	28
F1, mm	90	90	130	90	130	130
F2, mm	120	120	180	120	180	180
K, mm	103	103	146	103	146	165
L, mm	57	57	102	57	102	83
M, mm	120	120	114	120	114	135
N, mm	50	50	54	50	54	25
Q1, mm	142	142	162	142	162	162
Q2, mm	183	183	181	183	181	181



Model CPA 1-13 / 2-10 / 5-5



Model CPA 2-31 / 5-17 / 10-9