



Explosion-proof version corresponds to Basic.

CPA Pneumatic chain hoist with suspension hook

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 model CPA 10-9

Options

- 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.

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.

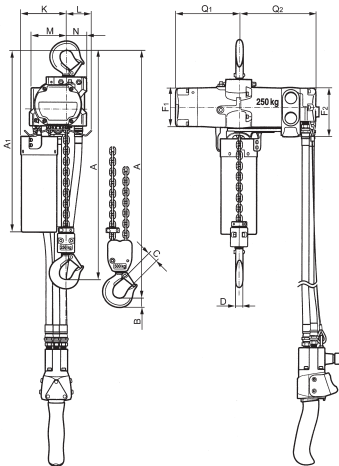
Technical data CPA

Model	Art.-No.	Capacity in kg/ Number of chain falls	Chain dimensions d x p mm	Classification FEM/ISO	Lifting speed with rated load ¹ m/min	Lifting speed without load ¹ m/min	Lowering speed with rated load ¹ m/min	Air consumption with rated load ¹ m ³ /min	Hoist motor kW	Weight at standard lift (3 m) kg
CPA 1-13	N08501007	125/1	4 x 12.2	1 Am/M4	13.1	17.1	11.3	0.9	0.4	15.4
CPA 2-10	N08501008	250/1	4 x 12.2	1 Am/M4	9.8	17.1	13.7	0.9	0.4	15.4
CPA 5-5	N08501010	500/2	4 x 12.2	1 Am/M4	4.6	7.9	6.7	0.9	0.4	17.2
CPA 10-9	N08501012	980/2	6.3 x 19.5	1 Bm/M3	8.5	16.2	14.9	2.1	1.33	27.7

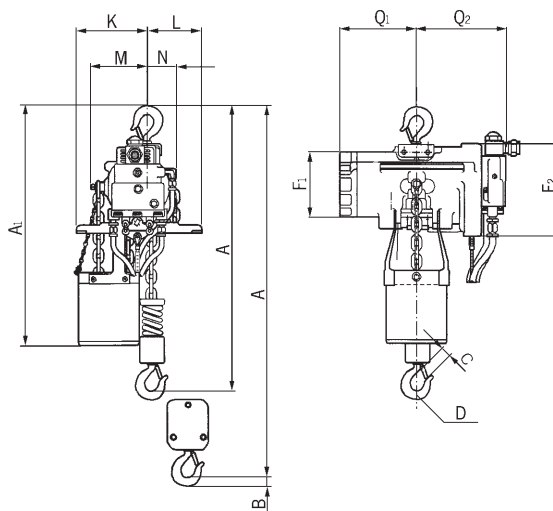
¹ Values for 6.3 bar flow pressure and 2 m control drop. Speeds will be reduced in case of longer control length.
 CPA 1-13, CPA 2-10 and CPA 5-5 max. hose length 12 m, air supply 3/8" NPT, air consumption 0.9 m³/min.
 CPA 10-9 max. hose length 20 m, air supply 1/2" NPT, air consumption 2.1 m³/min.

Dimensions CPA

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



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



CPA 10-9