



Festooned cable systems
see page 104-105

Option

- Suspension hook
- Flexible chain container.
- Manual and electric trolleys.
- Festooned cable system.
- Stainless steel load chain.
- Remote control
(in combination with integrated trolley).
- Other operating voltages

Electric chain hoist model YaleVigo with suspension lug or with integrated trolley

new!

Capacities 125 - 2.000 kg

The new electric chain hoist model YaleVigo combines modern design and technical innovation.

A robust construction makes the series a versatile tool for professional applications. The **integrated limit switch** for the highest and lowest hook position considerably extends the working life span of the slip clutch, motor and gearbox.

Features

- Classification 1 Am. As required (with appropriate changes to lifting capacity resp. duty cycle) the model YaleVigo can also be re-classified up to 3 m.
- Main contactor as standard, for increased safety.
- 2 year warranty (excluding wear parts) and a lifetime lubricated gearbox.
- Thermal overload protection as standard for the whole range. Optimised housing for improved cooling.
- Duty cycle **50 % ED** for single speed.
- Electromagnetic spring pressure brake holds the load safely even in the event of power failure.
- The externally adjustable **slip clutch** is designed to guarantee a **permanent connection between the load and the brake**.
- Motor protected to **IP 55** (acc. to VDE 0530), against ingress of dust or water.
- Standard operating voltage: 400 V, 3-phase, 50 Hz, alternatively 460 V, 3-phase, 60 Hz. Single speed motors reconnectable to 230 V, 3-phase, 50 Hz.
- Increased operating safety through **42 V control voltage (low voltage control)** and an encapsulated pendant control to IP 65.
- Suspension lug for compact dimensions and easy integration in closed-eye constructions.
- Chain guide made of fibre coated polyamide for increased wear resistance.
- The standard, oil bath lubricated and case hardened gearbox has a helical gearing for **particularly smooth running** and enhanced lifetime.

Technical data model YaleVigo CPV/CPVF

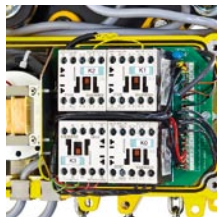
Model	Capacity in kg/ number of chain falls	Chain dimension d x p mm	FEM classification	Lifting speed main lift m/min	Lifting speed fine lift m/min	Hoist motor kW	Motor rating ED %	Net weight* suspension lug kg	Net weight* push trolley** kg	Net weight* electric trolley*** kg
CPV 1-8	125/1	4 x 12.2	3 m	8	–	0.19	60	24	39	47
CPVF 1-8	125/1	4 x 12.2	3 m	8	2	0.19/0.05	40/20	25	40	48
CPV 2-8	250/1	4 x 12.2	1 Am	8	–	0.37	50	24	39	47
CPVF 2-8	250/1	4 x 12.2	1 Am	8	2	0.37/0.09	33/17	25	40	48
CPV 5-4	500/2	4 x 12.2	1 Am	4	–	0.37	50	25	40	48
CPVF 5-4	500/2	4 x 12.2	1 Am	4	1	0.37/0.09	33/17	26	41	49
CPV 5-8	500/1	5 x 15.1	1 Am	8	–	0.75	50	26	41	49
CPVF 5-8	500/1	5 x 15.1	1 Am	8	2	0.75/0.18	33/17	27	42	50
CPV 10-4	1000/2	5 x 15.1	1 Am	4	–	0.75	50	28	43	51
CPVF10-4	1000/2	5 x 15.1	1 Am	4	1	0.75/0.18	33/17	29	44	52
CPV 10-8	1000/1	7.1 x 20.5	1 Am	8	–	1.5	50	58	77	84
CPVF10-8	1000/1	7.1 x 20.5	1 Am	8	2	1.5/0.37	33/17	59	78	85
CPV 20-4	2000/2	7.1 x 20.5	1 Am	4	–	1.5	50	63	82	89
CPVF 20-4	2000/2	7.1 x 20.5	1 Am	4	1	1.5/0.37	33/17	64	83	90

*Weight for standard 3 m lift. Other lifting heights on request.

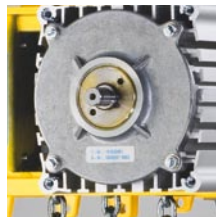
**For trolleys type A and B: Additional weight for geared trolley (VTG): 2.5 kg.

***For electric trolley (VTE) with 2 speeds +2.0 kg.

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



Increased operating safety through 42V control voltage



Externally adjustable slip clutch.



Integrated limit switch



Depicted suspension hook and chain container optionally available.

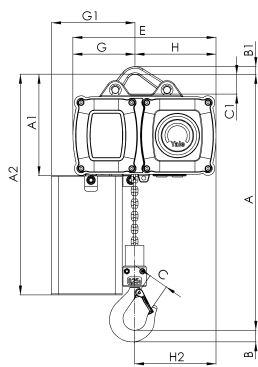
Encapsulated pendant control.
Option: remote control (in combination with integrated trolley).

Technical data trolleys

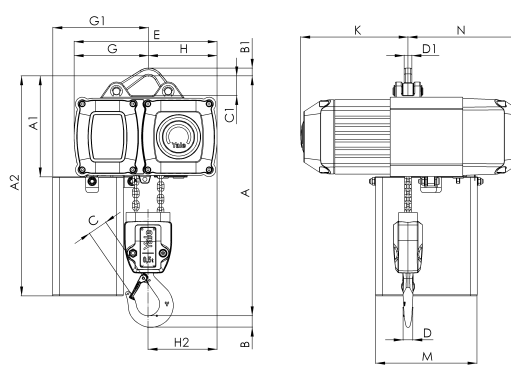
Suitable for model	Capacity kg	Size	Beam flange width b mm	Beam flange thickness t max. mm	Curve radius min. m	Electric trolley travel speed m/min at 50 Hz	Electric trolley motor kW at 50 Hz
from CPV 1-8 up to CPVF 10-4	1000	A	58 - 180	19	0.9	18 or 18/4.5	0.18 or 0.18/0.06
from CPV 1-8 up to CPVF 10-4	1000	B	180 - 300	19	0.9	18 or 18/4.5	0.18 or 0.18/0.06
from CPV 10-8 up to CPVF 20-4	2000	A	58 - 180	19	1.15	18 or 18/4.5	0.18 or 0.18/0.06
from CPV 10-8 up to CPVF 20-4	2000	B	180 - 300	19	1.15	18 or 18/4.5	0.18 or 0.18/0.06

Dimensions model YaleVigo CPV/CPVF

Model	CPV/CPVF 1-8	CPV/CPVF 2-8	CPV/CPVF 5-4	CPV/CPVF 5-8	CPV/CPVF 10-4	CPV/CPVF 10-8	CPV/CPVF 20-4
A, mm	353	353	393	353	430	428	524
A1, mm	196	196	196	196	196	234	234
A2 (Size I), mm	376	376	376	376	376	464	464
A2 (Size II), mm	426	426	426	426	426	544	544
A2 (Size III), mm	506	506	506	506	506	–	–
B, mm	22	22	22	22	29	29	37
B1, mm	15	15	15	15	15	20	20
C, mm	29	29	29	29	35	35	40
C1, mm	38	38	38	38	38	45	45
D, mm	15	15	15	15	21	21	26
D1, mm	15	15	15	15	15	15	15
E, mm	277	277	277	277	277	326	326
G, mm	120	120	144	120	144	140	173
G1 (Size I), mm	142	142	142	142	142	208	208
G1 (Size II), mm	162	162	162	162	162	208	208
G1 (Size III), mm	162	162	162	162	162	–	–
H, mm	157	157	133	157	133	186	154
K (CPV), mm	207	207	207	207	207	285	285
K (CPVF), mm	207	207	207	207	207	285	285
M (Size I), mm	162	162	162	162	162	208	208
M (Size II), mm	197	197	197	197	197	208	208
M (Size III), mm	197	197	197	197	197	–	–
N, mm	219	219	219	219	219	274	274



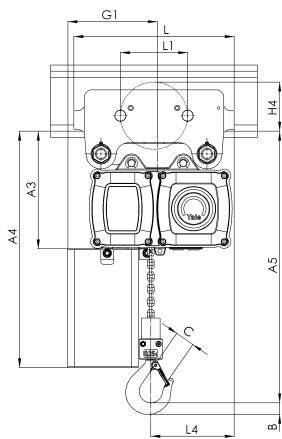
Model YaleVigo CPV/CPVF with suspension lug, 125 - 1000 kg, single fall



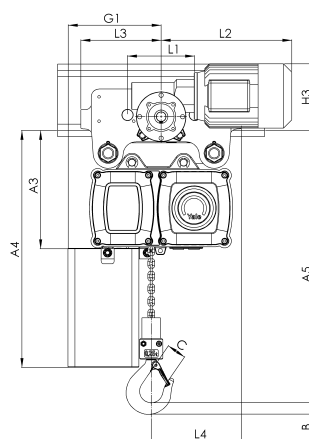
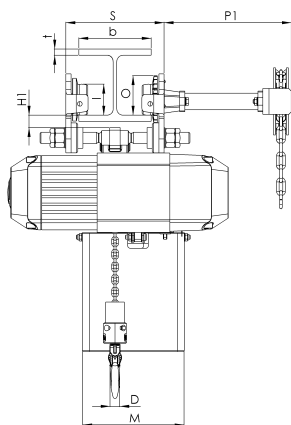
Model YaleVigo CPV/CPVF with suspension lug, 500 - 2000 kg, double fall

Dimensions model YaleVigo CPV/CPVF

Model	CPV/CPVF 1-8	CPV/CPVF 2-8	CPV/CPVF 5-4	CPV/CPVF 5-8	CPV/CPVF 10-4	CPV/CPVF 10-8	CPV/CPVF 20-4
A3, mm	228	228	228	228	228	263	263
A4 (Size I), mm	408	408	408	408	408	493	493
A4 (Size II), mm	458	458	458	458	458	573	573
A4 (Size III), mm	538	538	538	538	538	–	–
A5, mm	385	385	425	385	462	456	553
b, mm	A = 50 - 180/ B = 180 - 300	A = 50 - 180/ B = 180 - 300	A = 50 - 180/ B = 180 - 300	A = 50 - 180/ B = 180 - 300	A = 50 - 180/ B = 180 - 300	A = 50 - 180/ B = 180 - 300	A = 50 - 180/ B = 180 - 300
H1, mm	24	24	24	24	24	23	23
H2, mm	158	158	158	158	158	186	186
H3, mm	129	129	129	129	129	129	129
H4 (VTG), mm	95	95	95	95	95	95	95
H4 (VTE), mm	120	120	120	120	120	120	120
I (VTP), mm	72	72	72	72	72	96	96
I (VTG), mm	77	77	77	77	77	98	98
L (VTP/VTG), mm	310	310	310	310	310	360	360
L1, mm	130	130	130	130	130	150	150
L2 (CPV), mm	265	265	265	265	265	265	265
L2 (CPVF), mm	265	265	265	265	265	265	265
L3, mm	155	155	155	155	155	180	180
L4, mm	161	161	161	161	161	203	203
O, mm	60	60	60	60	60	80	80
P, mm	200	200	200	200	200	200	200
P1, mm	246	246	246	246	246	246	246
S, mm	b + 50	b + 50	b + 50	b + 50	b + 50	b + 54	b + 54
T, mm	95	95	95	95	95	95	95
tmax., mm	19	19	19	19	19	19	19



Model YaleVigo CPV/CPVF with integrated manual push or geared trolley



Model YaleVigo CPV/CPVF with integrated electric trolley

