

## Electric chain hoist model YaleVego with suspension lug or with integrated trolley

Capacity 250 - 2000 kg

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

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.
- The externally adjustable slip clutch is designed to guarantee a permanent connection between the load and the brake.
- Standard operating voltage: 400 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.



### Optional

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

## Technical data model YaleVego 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 %	Weight* suspension lug kg	Weight* push trolley** kg	Weight* electric trolley*** kg
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.

## 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 2-8 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 2-8 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 YaleVego CPV/CPVF

Model	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	393	353	430	428	524
A1, mm	196	196	196	196	234	234
A2 (Size I), mm	376	376	376	376	464	464
A2 (Size II), mm	426	426	426	426	544	544
A2 (Size III), mm	506	506	506	506	-	-
B, mm	22	22	22	29	29	37
B1, mm	15	15	15	15	20	20
C, mm	29	29	29	35	35	40
C1, mm	38	38	38	38	45	45
D, mm	15	15	15	21	21	26
D1, mm	15	15	15	15	15	15
E, mm	277	277	277	277	326	326
G, mm	120	144	120	144	140	173
G1 (Size I), mm	142	142	142	142	208	208
G1 (Size II), mm	162	162	162	162	208	208
G1 (Size III), mm	162	162	162	162	-	-
H, mm	157	133	157	133	186	154
K (CPV), mm	230	230	230	230	285	285
K (CPVF), mm	230	230	230	230	285	285
M (Size I), mm	162	162	162	162	208	208
M (Size II), mm	197	197	197	197	208	208
M (Size III), mm	197	197	197	197	-	-
N*, mm	219	219	219	219	274	274

\* for 230 V, 1 PH, 50 Hz: + 35 mm

**Dimensions model YaleVego CPV/CPVF**

Model	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	263	263
A4 (Size I), mm	408	408	408	408	493	493
A4 (Size II), mm	458	458	458	458	573	573
A4 (Size III), mm	538	538	538	538	-	-
A5, mm	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
H1, mm	24	24	24	24	23	23
H2, mm	158	158	158	158	186	186
H3, mm	129	129	129	129	129	129
H4 (VTG), mm	95	95	95	95	95	95
H4 (VTE), mm	120	120	120	120	120	120
I (VTP), mm	72	72	72	72	96	96
I (VTG), mm	77	77	77	77	98	98
L (VTP/VTG), mm	310	310	310	310	360	360
L1, mm	130	130	130	130	150	150
L2 (CPV), mm	265	265	265	265	265	265
L2 (CPVF), mm	265	265	265	265	265	265
L3, mm	155	155	155	155	180	180
L4, mm	161	161	161	161	203	203
O, mm	60	60	60	60	80	80
P, mm	200	200	200	200	200	200
P1, mm	246	246	246	246	246	246
S, mm	b + 50	b + 50	b + 50	b + 50	b + 54	b + 54
T, mm	95	95	95	95	95	95
tmax., mm	19	19	19	19	19	19