



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).

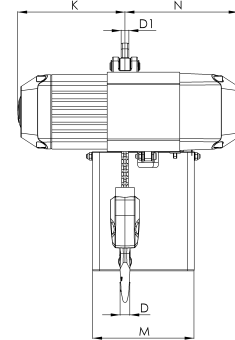
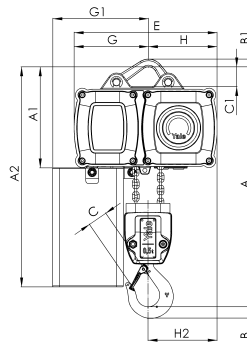
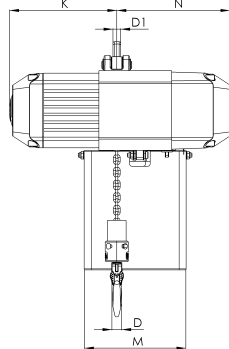
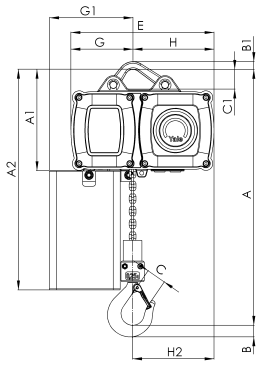
Technical data trolleys

| 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 |

Hoisting Equipment Electric chain hoists

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 |

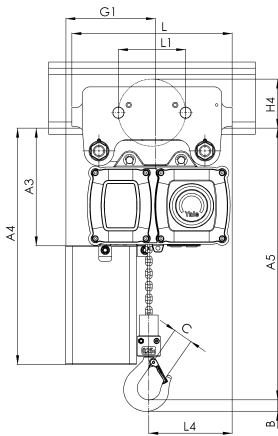


Model YaleVigo CPV/CPVF with suspension lug, 125 - 1000 kg, single fall

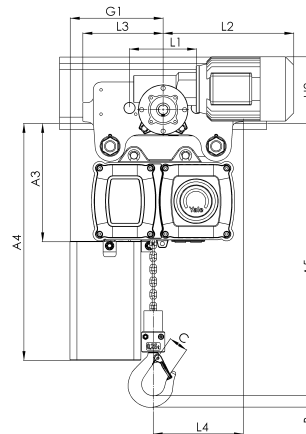
Model YaleVigo CPV/CPVF with suspension lug, 500 - 2000 kg, double fall

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