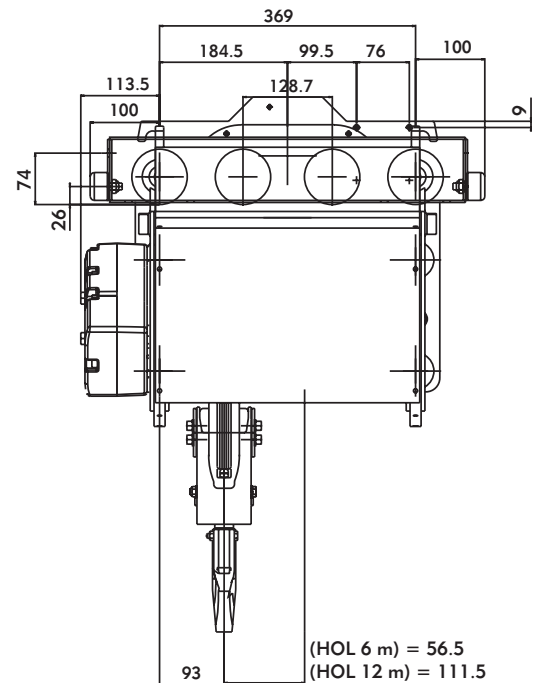
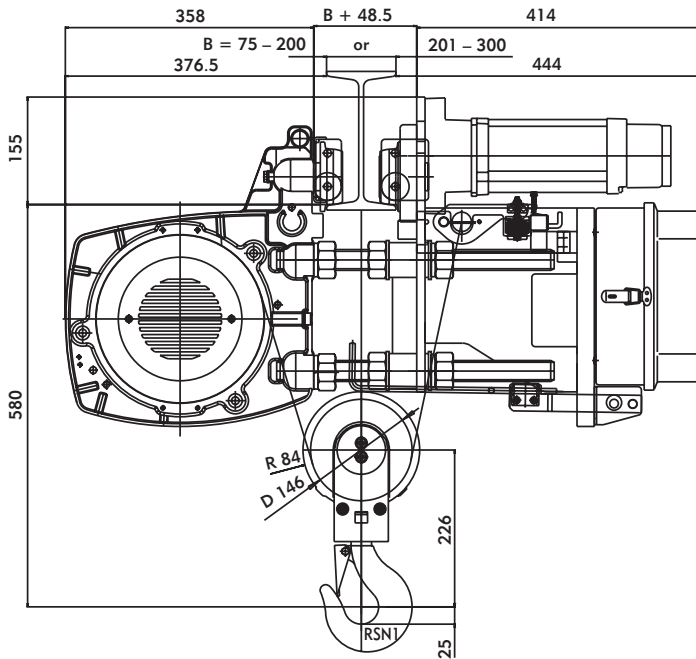


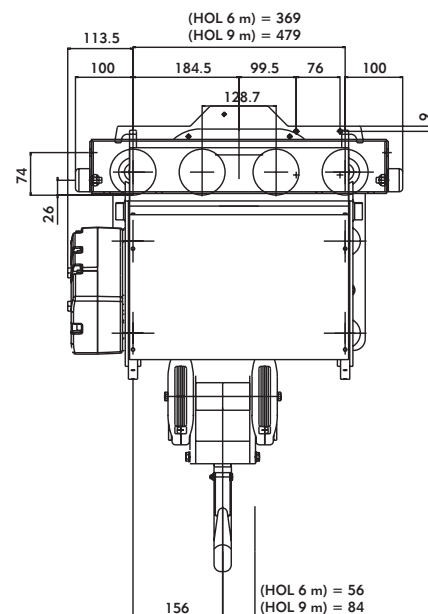
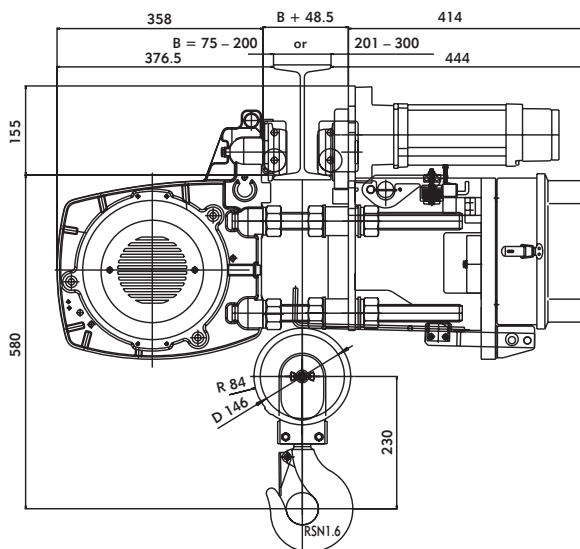
EUROBLOC VT₅

Electric wire rope hoist for 1000 – 2000 kg loads

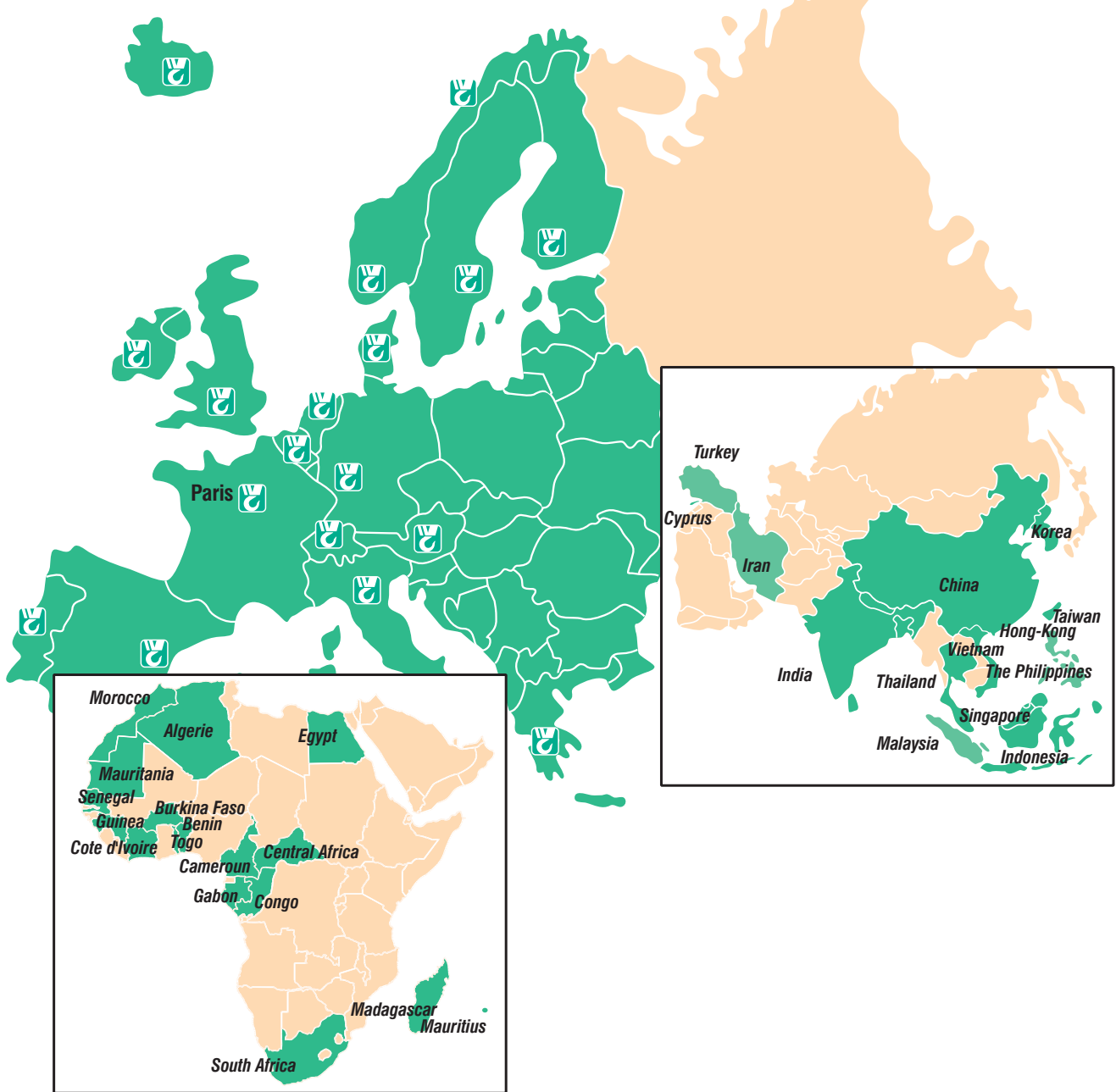
EUROBLOC VTS – 2 strand



EUROBLOC VTS – 4 strand



Load	Group FEM	ISO	HOL (m)	Pulley block	EUROBLOC VTs Type	Lifting speeds (m/min)	Lifting motors (kW)	Direction speeds (m/min)	Direction motor (kW)
1000	2 m	M5	6	2/1	VTs 02115R...BEOX	8	1,3	20	0,3
	2 m	M5	6	2/1	VTs 02115R...BEPX	8 / 1,3	2,5 / 0,6	20 / 5	0,3 / 0,05
	2 m	M5	12	2/1	VTs 02115R...YEOX	8	1,3	20	0,3
	2 m	M5	12	2/1	VTs 02115R...YEPX	8 / 1,3	2,5 / 0,6	20 / 5	0,3 / 0,05
2000	2 m	M5	6	4/1	VTs 04115R...BGOZ	6,7	1,3	20	0,3
	2 m	M5	6	4/1	VTs 04115R...BEPX	4 / 0,7	2,5 / 0,6	20 / 5	0,3 / 0,05
	2 m	M5	9	4/1	VTs 04115R...CGOZ	6,7	1,3	20	0,3
	2 m	M5	9	4/1	VTs 04115R...CEPX	4 / 0,7	2,5 / 0,6	20 / 5	0,3 / 0,05



VERLINDE is:

- The leading French manufacturer and exporter of lifting and handling equipment
- A powerful group employing more than 5000 persons
- A wide range of 30 lifting product lines
- ISO 9001 quality assurance certified
- Agents ready to help you in more than 80 countries

In France

9 sales offices, 24 after-sales service centers, 11 manufacturing plants for EUROPONT traveling cranes and a national distribution network.

World-wide

Branches in Germany, Holland, Belgium, Italy, and distributors in Italy, Argentina, Austria, Spain, Brazil, Chili, Ireland, United Kingdom, Sweden, Norway, Denmark, China, Thailand, Indonesia, Malaysia, Vietnam, India, United States.



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 Internet : www.verlinde.com

EUROBLOC *VTs*



**Electric wire rope hoist
for 1000 – 2000 kg loads**

 **VERLINDE**
LIFTING EQUIPMENT

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Ref : 04 2006 472

The leading French manufacturer of lifting equipment

VERLINDE is the leading French manufacturer of lifting equipment with major product lines in electric wire rope hoists, electric chain hoists, electric belt hoists, electric winches, jib cranes and crane components manufactured at its VERNOUILLET plant (France). From CAD/CAM design to production on modern, sophisticated machines, combined with the know-how of a dedicated staff, each lifting product carrying the **VERLINDE** brand means reliability and quality to its users.



New products, new concepts

VERLINDE has always been among the first companies to introduce new innovative ideas for hoisting units with hook (more than 70 patents taken out in France and throughout the world). The new **EUROBLOC VTs** electric wire rope hoist has been designed in this leading edge spirit, with the same driving force which lead to its big brother the **EUROBLOC VT**.

- Hoisting motor with 1 or 2 speeds
- Directional control motor with 1 or 2 speeds
- Maintenance-free DC disk brake
- High and low limit switch actuated by pulley block
- High and low limit switch
- Electromechanical load limiter
- Hook approach distance "C" and pulley block approach distance "F" shorter than those of competing systems (figs. 1 and 2).



fig. 1

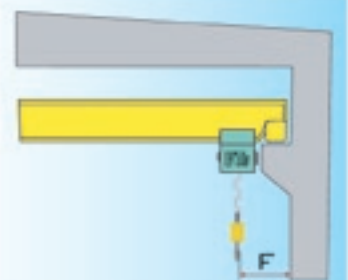


fig. 2

EUROBLOC

Electric wire rope hoist

Hoisting motor and brake

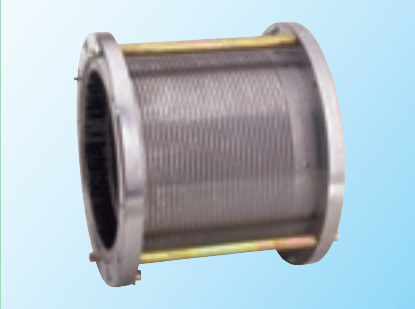


Specially designed for lifting, the hoisting motor comes with type IP55 protection and F class insulation.

The motor also has all the necessary protection features:

- Bimetal sensors
- Oversize cooling fins to facilitate heat dissipation

Drum



Specially patented drum assembly and drum rotation design without ball-bearings.

Advantage: prevents grease and steel particles from getting into the motor.

Limit switch



Activated directly by movement of the pulley block, the limit switch monitors the hook high and low limits. The electrical contactor is located in the electrical cubicle.

Safety

Wire rope. Made of galvanized steel as a standard feature, high safety factor (factor of 7.2 with 2m group)

Electrical cubicle. Cover folds back to store your maintenance tools (cover equipped with 2 steel safety wires to prevent it from falling). Low voltage control for enhanced safety.

Directional control wheels. The two wheels are fully streamlined, ensuring enhanced safety.

Hook and pulley block. Rotary hook and pulley block with safety latch.

Savings

Hoisting motor. 60% duty cycle, tropicalized as standard feature (90% humidity) for greater service life.

Directional control motor. Tropicalized as a standard feature for greater resistance to humidity.

Pulley block. Best "C" dimensions available on the market, thus optimizing the size of your buildings and ensuring total visibility of the work space.

Load limiter. Per "machinery" directive (mandatory equipment). The EUROBLOC VT S is equipped, as a standard feature, with a load limiter (hoist overload safety feature). Enhanced surface life.

Hook and pulley block. Compact design, bearing lifetime lubricated, pulleys made of GGG high strength iron. Wire rope service life is enhanced by the high cable / pulley diameter ratio.

Pulley block. Very limited pulley block shift during hoisting (nearly centered).

Drum. Very high drum / rope diameter ratio (2 times greater than standard). Ensures: enhanced rope service life, reduced hoist approach dimension, reduced hook approach "C" dimension.

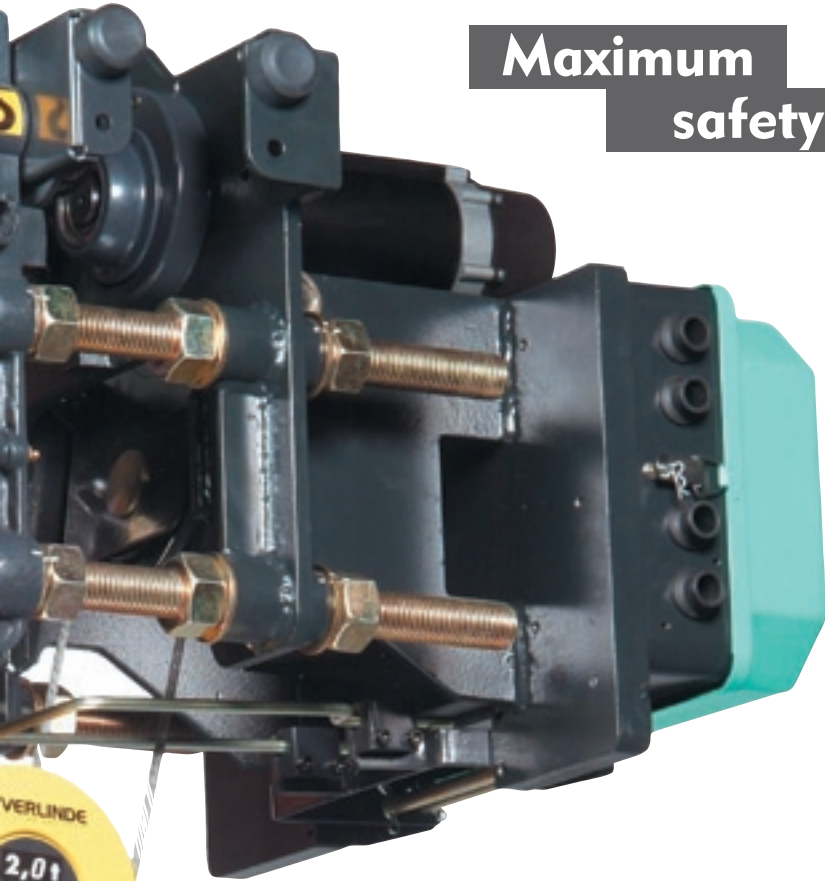
Lifting gear box. Direct drive reduction gear, helical teeth gears, lifetime lubricated, detector to prevent pressure overload.

Optimum position of directional control rollers. The load is perfectly distributed among the 4 rollers to optimize your tracks.

New
technologies

LOC VT_S

for 1000 – 2000 kg loads



Maximum safety

Ergonomics

Pushbutton box. Made with tinted polypropylene with double insulation and ergonomic shape (IP65 protection).

Electrical cubicle. Located on the side of the hoist, easy-to-access. Equipped with quick fastener for easy opening and closing.

Low maintenance

Hoisting motor. Motor cooling increased by 30% (tunnel effect)

Hoisting brake. Brake tested for hoist service life under normal use.

Motor, directional control reduction gear. Directional control reduction gear and ratio lifetime lubricated.

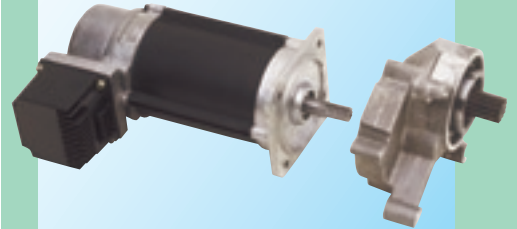
Drum. Fully encased drum for better protection

Cable guide. "Springless" construction principle, facilitates replacement during maintenance operations.

Construction. Modular assembly reduces spare parts management.

Surface treatment. Two-component epoxy paint (120 μ) for higher degree of protection.

Directional control motor unit



Compact directional control motor, specially designed for directional control of lifting equipment. IP55 protection. Special care has been taken in the motor design to facilitate, to the maximum, all maintenance operations:

- "Intelligent" system for positioning and assembly of motor on trolley.
- Motor supplied through a single connector which is easily disconnected.

Rope guide



New "very high performance" rope guide system

Electrical cubicle



Cover folds back for easy storage of tools when performing maintenance (cover equipped with 2 steel safety cables to prevent falling). Low voltage control for enhanced safety.