

STAGEMAKER®

BY VERLINDE

Raising the Standards of Performance

Li 5



Li 10



Principal Technical Characteristics of the STAGEMAKER

- Totally Enclosed Class F Hoisting Motor.
- Built-in Weight Overload Limiting Device.
- DC-Rectified Single Disc Motor Brake.
- Supply Voltage 400V/3Ph/50Hz or 415V/3Ph/50Hz.
- Low Voltage or Direct Control.
- Heavy Duty Contactors Mounted on a Printed Circuit Board.
- Factory Installed Sensor Adaptation Shaft.
- Adjustable Upper and Lower Limit Switches.
- Grease-Lubricated Gear Reducer with Heat Treated and Ground Gear Wheels.
- Five-Pocket, Machined and Heat-Treated Sprocket with Chain Guide.
- Swiveling Hooks.
- Chain Bag with 40m Capacity.
- Zinc Plated Hoist Chain.
- Folding Transportation Handles.


VERLINDE

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24/10/95 48 UGB

The lifting chain guides itself easily into the chain bag as the motor climbs along the chain. Interchangeable chain guide parts reduce wear and prevent the chain from twisting.



The electric cubicle provides easy access to the components inside. The low-voltage control panel is designed to meet the NEMA 3R and 12 specifications. The magnetic contactors are mounted on a double-face printed circuit board for easy maintenance and increased reliability. The low voltage control allows for small control cables and increased user safety. The cubicle is well sealed to protect it against dust or water.

The motor features swiveling lifting hooks with safety latches as standard. The hooks are of drop-forged, heat-treated steel and painted with anti-reflecting black. Automatically closing latchlock hooks available as option.



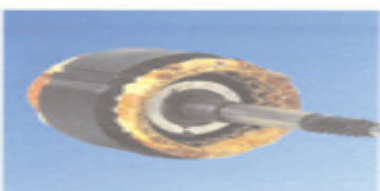
The aluminium body is painted in anti-reflecting black, with a two-component epoxy paint. The high quality painting offers effective protection against the effects of the environment. The grease-lubricated gear box ensures clean and drip-free operation. The gear wheels are heat treated and ground for maximum durability. A heavy-duty slipping clutch load limiter is provided as standard to prevent from overloading the motor and the suspension structure.

The high-strength five-pocket, machined and heat-treated chain sprocket allows for the smooth running of the chain. The chain construction features a die-formed, electrically welded, case-hardened and zinc plated chain links of black finish.



A durable chain bag with a capacity for 40m of chain. The chain bag is specifically designed to be easily dismantled for transportation. The end of the chain diverts back for increased safety. Other bag types and capacities also available.

The aluminium body houses the rugged, class "F" hoist-duty motor. The motor is totally enclosed and non-ventilated (TENV) to protect against vapors, dust or abrasives. This ensures prolonged winding and bearing life, leading to years of safe, reliable operation.

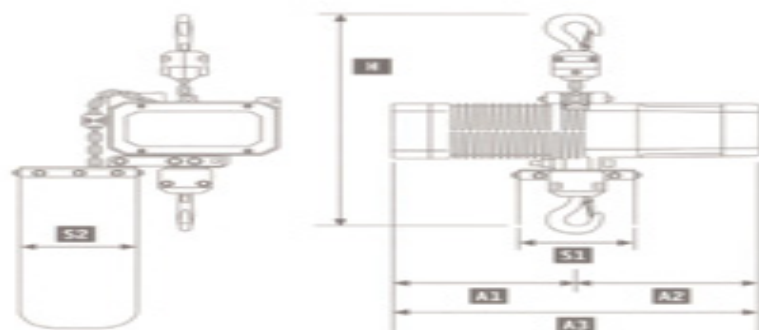


An adjustable upper and lower limit switch, allowing for the exact positioning of the motor and protecting for overtravel. Available with either two or four positions.

A separate pendant controller with protection class IP65.

Each motor is delivered with complete technical documentation including the user's manual, a recommended spares list as well as a hook and a chain test certificate.

A DC rectified, single disc motor brake. It is specifically constructed for heavy-duty hoisting applications and features lifetime adjustment. Double-brake constructions available as options.



All models 400V/3 Ph/50 Hz or 415V/3 Ph/50 Hz. Singlephase, other voltages and speeds available.

Dim.	LI5	LI10
A1	220	248
A2	220	267
A3	440	515
S1	140	190
S2	145	177
H	440	525

*For limit switches in model LI5 add 1-1/2 inch to A2.

Model	Falls	Capacity (kg)	Lifting Speed (m/min)	Motor (kW)
LI5	1	250	5	0.45
LI5	1	250	8	0.45
LI5	1	500	5	0.45
LI5	1	500	8	0.92
LI10	1	1000	4	1.8
LI10	1	1000	8	1.8
LI10	2	2000	4	1.8