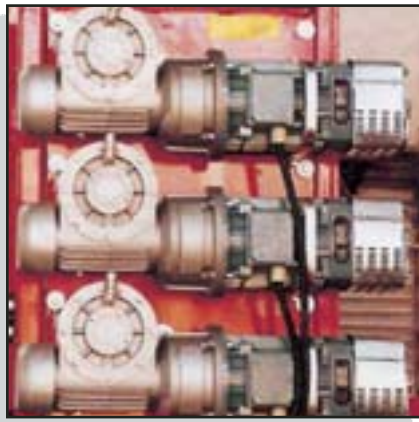




SINGLE CAGE BUILDING HOIST

SINGLE HOIST FEATURES

1. Using variable frequency drives greatly reduces mechanical wear and tear on the elevator and its components.
2. Smooth starting and stopping without surging or jarring the elevator car.
3. The lifting speed can be easily controlled and is infinitely variable.
4. The elevator starting current is lower than rated current.
5. The variable frequency drive is more efficient and consumes less power.



Standard Drive Machinery



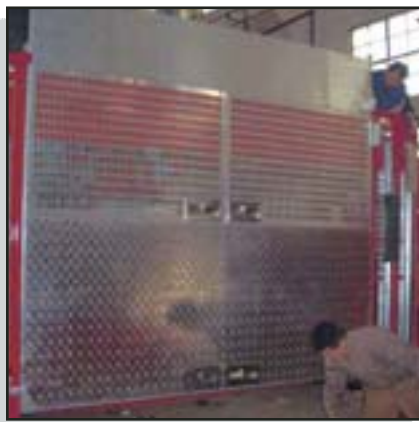
Optional SEW Drive Machinery



Variable Frequency Drive for smooth operation & drive comfort. Self-troubleshooting PLC control. Relay logic and software redundancy.



Top-Mounted Machinery for unobstructed cage access

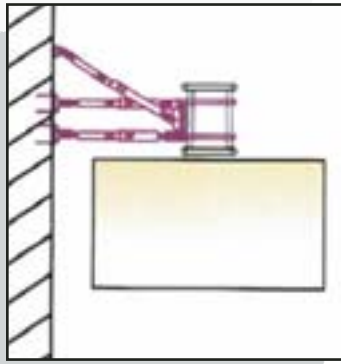


Available Side Entry

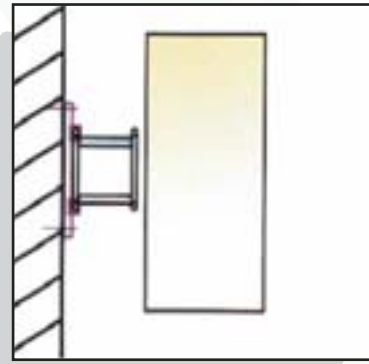


Reinforced Cab Floor

TIE-IN CONFIGURATIONS



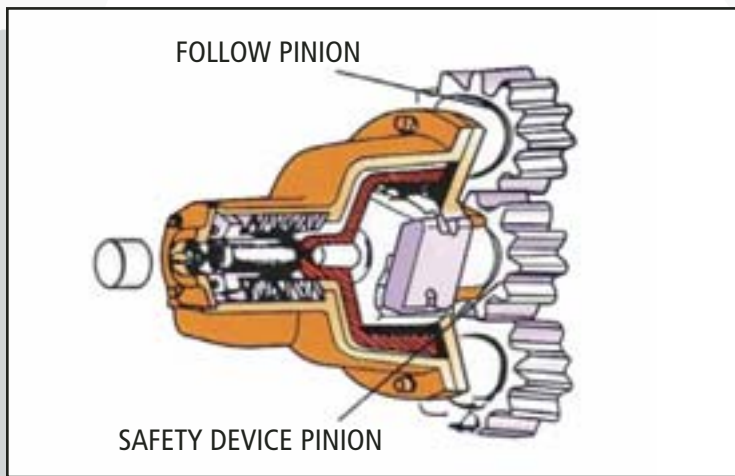
TYPE IV



TYPE VI

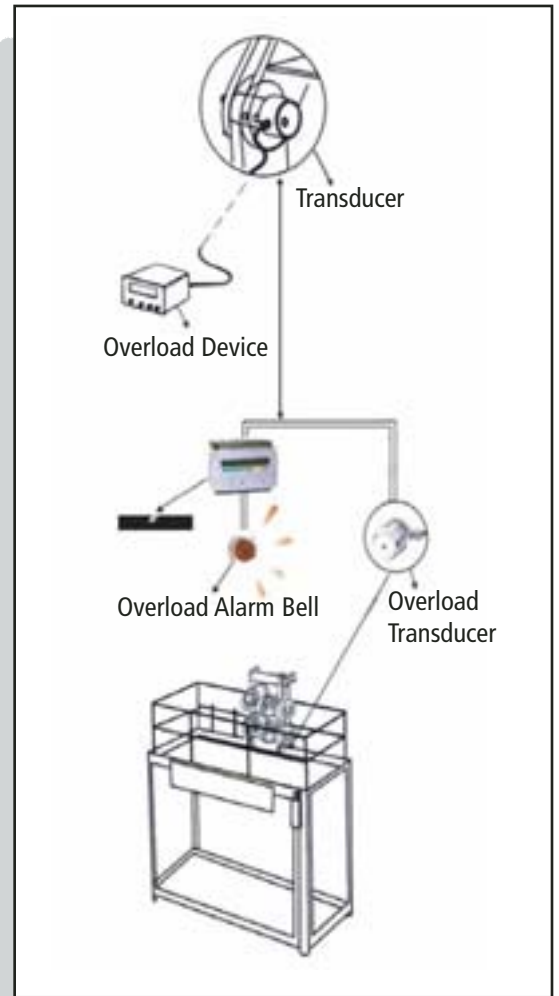
SAFETY DEVICE

INCLUDED ON ALL MODELS AS SHOWN



OVERLOAD CELL

INCLUDED ON ALL MODELS



Manufacturing facility with a capacity of 60 units per month

SINGLE CAGE HIGH SPEED

| Model | Speed M/Min | Capacity Kg | Motors in kW | Counter Weight | Cage Size meters (L x W x H) |
|---------|----------------|----------------|-----------------|-------------------|---------------------------------|
| SC100G | 96 | 1,000 | 3 x 22 kW | No | 2.5 x 1.3 x 2.5 |
| SC120G | 96 | 1,200 | 3 x 22 kW | No | 3 x 1.3 x 2.5 |
| SCD200G | 96 | 2,000 | 3 x 15 kW | Yes | 3 x 1.3 x 2.5 |
| SCD225G | 96 | 2,250 | 3 x 15 kW | Yes | 3.2 x 1.5 x 2.5 |
| SCD250G | 96 | 2,500 | 3 x 18.5 kW | Yes | 3.6 x 1.5 x 2.5 |
| SCD270G | 96 | 2,700 | 3 x 18.5 kW | Yes | 3.8 x 1.5 x 2.5 |
| SCD300G | 96 | 3,000 | 3 x 22 kW | Yes | 4.0 x 1.5 x 2.5 |
| SCD320G | 96 | 3,200 | 3 x 22 kW | Yes | 4.2 x 1.5 x 2.5 |

SINGLE CAGE MEDIUM SPEED

| Model | Speed M/Min | Capacity Kg | Motors in kW | Counter Weight | Cage Size meters (L x W x H) |
|----------|----------------|----------------|-----------------|-------------------|---------------------------------|
| SC100GZ | 63 | 1,000 | 3 x 15 kW | No | 2.5 x 1.3 x 2.5 |
| SC120GZ | 63 | 1,200 | 3 x 15 kW | No | 3 x 1.3 x 2.5 |
| SCD200GZ | 63 | 2,000 | 2 x 15 kW | Yes | 3 x 1.3 x 2.5 |
| SC200GZ | 63 | 2,000 | 3 x 18.5 kW | No | 3 x 1.3 x 2.5 |
| SCD225GZ | 63 | 2,250 | 2 x 15 kW | Yes | 3.2 x 1.5 x 2.5 |
| SC225GZ | 63 | 2,250 | 3 x 18.5 kW | No | 3.2 x 1.5 x 2.5 |
| SCD250GZ | 63 | 2,500 | 2 x 18.5 kW | Yes | 3.6 x 1.5 x 2.5 |
| SC250GZ | 63 | 2,500 | 3 x 18.5 kW | No | 3.6 x 1.5 x 2.5 |
| SCD270GZ | 63 | 2,700 | 2 x 18.5 kW | Yes | 3.8 x 1.5 x 2.5 |
| SC270GZ | 63 | 2,700 | 3 x 22 kW | No | 3.8 x 1.5 x 2.5 |
| SCD300GZ | 63 | 3,000 | 3 x 15 kW | Yes | 4.0 x 1.5 x 2.5 |
| SC300GZ | 63 | 3,000 | 3 x 22 kW | No | 4.0 x 1.5 x 2.5 |
| SCD320GZ | 63 | 3,200 | 3 x 15 kW | Yes | 4.2 x 1.5 x 2.5 |

SINGLE CAGE STANDARD SPEED

| Model | Speed M/Min | Capacity Kg | Motors in kW | Counter Weight | Cage Size meters (L x W x H) |
|---------|----------------|----------------|-----------------|-------------------|---------------------------------|
| SC100TD | 46 | 1,000 | 2 x 11.5 kW | No | 2.5 x 1.3 x 2.5 |
| SC120TD | 46 | 1,200 | 2 x 11.5 kW | No | 3 x 1.3 x 2.5 |
| SC200TD | 46 | 2,000 | 3 x 11.5 kW | No | 3 x 1.3 x 2.5 |
| SC225TD | 46 | 2,250 | 3 x 15 kW | No | 3.2 x 1.5 x 2.5 |
| SC250TD | 46 | 2,500 | 3 x 15 kW | No | 3.6 x 1.5 x 2.5 |
| SC270TD | 46 | 2,700 | 3 x 15 kW | No | 3.8 x 1.5 x 2.5 |
| SC300TD | 46 | 3,000 | 3 x 18.5 kW | No | 4.0 x 1.5 x 2.5 |
| SC320TD | 46 | 3,200 | 3 x 18.5 kW | No | 4.2 x 1.5 x 2.5 |

AVRO MODEL LEGEND

SC: Non counter weighted frequency drive
 SCD: Counter weighted frequency drive

G: High speed 96 meters/min
 GZ: Medium speed 63 meters/min
 TD: Standard speed 46 meters/min

GS: High speed 96 meters/min with SEW
 GZS: Medium speed 63 meters/min with SEW
 TDS: Standard speed 46 meters/min with SEW

*All descriptions, sizes and specifications subject to change without notice.



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