

FREQUENCY CONTROLLED PUMP UNIT (VVVF) WITH
A3 SAFETY VALVE HDU

Hydraulic Pump Unit HI + HDU



Best ride comfort • Energy efficient • A3 compliant

The frequency-controlled hydraulic unit HI with additional HDU valve with the protection valve for unintended car movement UCM acc. EN81-2 A3 is the ideal solution for new installations and modernizations (SNEL).

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PRODUCT RANGE

Tank types	Pump (l/min)	Motors (kW)	Oil (l)	HDU
110/S	55 - 150	4,8 - 14,7	100	*
135/S	55 - 150	4,8 - 14,7	65	*
210/S	55 - 210	4,8 - 18,4	140	HDU 210
320/S	100 - 300	7,7 - 22,0	215	HDU 380
450	180 - 380	11,0 - 22,0	300	HDU 380
680	380 - 600	14,7 - 22,0	475	HDU 600

* Integrated version

FEATURES

TECHNOLOGICAL BENEFITS

- Best ride comfort by less noise
- Precise and load independent floor approach
- Up and Down travel managed by inverter
- Open loop system without encoder
- Up to 1 m/s rated speed
- Adjustable inspection and re-leveling speed
- Micro leveling is avoided

ENERGY EFFICIENT

- Reduced stand-by- and travel consumption
- Guarantee energy saving of 30%
- Possible energy saving up to 48,8%
- Reduction the connection power up to 20%
- Possibility to zero the starting current
- Oil cooling avoided

A3 PROTECTION HDU

- Certified A3 solution
- Permits no unintended car movement generally closed at every landing
- Integrated self-monitoring intelligence
- Redundancy by two valves in series
- Easy and quick connection