Altivar Lift
Migration table ATV71L to ATV LIFT

The ATV LIFT range has been reinforced to reach the market expectation in term of:
- high number of starts and stops per day
- 0Hz speed regulation during each travel (for comfortable start and stop)
- high switching frequency (for noise reduction)

As a consequence, ATV LIFT provides
- an over-rating hardware compare to previous ATV71L range
- a new current limitation management

ATV LIFT selection has been simplified: the sizing of the ATV LIFT is done with the nominal current of the motor. This new policy adapts ATV LIFT references with synchronous motors.

Maximum transient current has changed.
It was 1.5 in with ATV71L and is now 1.36 in with ATV LIFT.

When migrating a lift application from ATV71L to ATV LIFT, you have to check that the drive does not reach [current Limitation] (CLI) state during acceleration or deceleration.

In case of current limitation, adapt the drive parameters if necessary:
- Increase [Acceleration time] (ACT)
- Decrease [Lift Leveling time] (LLT)

To improve the comfort in the lift, you have also the possibility to use the notch filter function.

See user manual.

- The previous ATV71L references not listed are no longer available. You have to take the higher power rating drive for substitution.
- Commercial reference construction: ATV71LDxxxYZ where:
  - xx : Maximum continuous current at 380V.
  - yy : Three phase supply voltage M3 = 230V & N4 = 380V.

<table>
<thead>
<tr>
<th>Power Rating</th>
<th>Current Rating</th>
<th>Catalog part number</th>
<th>Mechanical Size</th>
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<tbody>
<tr>
<td><strong>ATV71L</strong></td>
<td></td>
<td><strong>ATV LIFT</strong></td>
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<tr>
<td>3-phase supply voltage : 200...240V</td>
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</tbody>
</table>
5,5kW 27A ATV71LU55M3Z ATV71LD27M3Z 175*295*161 230*400*187 |
7,5kW 33A ATV71LU75M3Z ATV71LD33M3Z 210*295*187 230*400*187 |
11kW 54A ATV71LD11M3XZ ATV71LD54M3Z 230*400*187 240*420*210 |
15kW 66A ATV71LD15M3XZ ATV71LD66M3Z 230*400*187 240*420*210 |
| 3-phase supply voltage : 380...480V |
4kW 10A ATV71LU40N4Z ATV71LD10N4Z 155*260*161 175*295*161 |
5,5kW 14A ATV71LU55N4Z ATV71LD14N4Z 175*295*161 175*295*161 |
7,5kW 17A ATV71LU75N4Z ATV71LD17N4Z 175*295*161 210*295*187 |
11kW 27A ATV71LD11N4Z ATV71LD27N4Z 210*295*187 230*400*187 |
15kW 33A ATV71LD15N4Z ATV71LD33N4Z 230*400*187 230*400*187 |
22kW 48A ATV71LD22N4Z ATV71LD48N4Z 240*420*210 240*550*230 |