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|---|-----------------------|------------------------|-------------------|-------------------------------|---|
| Utfärdare Issued by Aussteller | Bertil Nyström | Datum Date Datum | 2006-09-06 | Produkt Product Produkt | Scando 450, Scando 650 and the new SE lift, all with FC drives |
| Från maskin nr. From machine No. Von Maschine Nr. | - | Till To Zu | - | Berör/Concerns/Betrifft | Parameter setting of VFC |

Construction hoists type Scando 450 FC and Scando 650 FC and permanent lifts of the new type - SE-FC, all with inverter type NX.

1/

All above-mentioned FC hoist/lifts do have an inverter (VFC) that is set with the parameter setting "**Closed loop**".

If starting up the hoist/lift with freely rotating pinions (without mast) the VFC parameter shall be set to "**Open loop**". Otherwise the complete drive will start oscillating and cause vibrations/noise.

Before putting the hoist/lift in service (on mast) the VFC parameter shall be changed back to "**Closed loop**" again.

2/

Due to variants of used electric motors it is also important to ensure that the other VFC parameter settings are correct and suit the actual motor.

Table of different electric motor types - VFC settings

| Motor | | System software | Application | Parameter list | Closed/Open loop |
|---------------|--------------|-----------------------|-------------|----------------|------------------|
| 3001263-62X | Old | Newer than NXP 2V145 | 1.03 | 9081 535 | P 2.6.1 |
| 3001263-62X B | Intermediate | Newer than NXP 2 V161 | 1.08 | 9081 555 | P 2.1.31 |
| 3001263-22X | New | Newer than NXP 2 V161 | 1.08 | 9081 565 | P 2.1.31 |
| 3001263-62X | Old | Newer than NXP 2 V161 | 1.08 | 9081 565 | P 2.1.31 |

Note!

- *System software* and *Application* are stated in the VFC system info menu
- *Parameter list* is stated in the electrical drawings

Please forward this instruction to all people concerned before inserting it in your Service Manual under index 2, Service Instructions!