ELEVATOR
SEB 16-25

INSTALLATION GUIDE
SEB 16-25 型

- Oil/Filler/Dipstick
- Switch/Cable Entry
- Transportation Screw

- 机油 / 加油器 / 量油杆
- 开关 / 缆线入口
- 运输螺丝
INDICATION OF USE

Oleo buffers are supplied with a standard finish for dry conditions. The standard finish is not suitable for wet or corrosive conditions such as mineshafts etc.

Environmental temperature acceptable conditions: -15°C to 70°C

Note: for special conditions outside the above consult Oleo International.

Buffers are to be fitted vertically parallel to guide rail +/- 5mm. For non-vertical applications please consult Oleo International.

PREPARATION FOR INSTALLATION

The Oleo elevator buffer is supplied with a sealed gas precharge; the plunger is held in the fully compressed condition during transportation by means of a transit bolt/retainer. The transport retainer must be removed, and the plunger allowed to extend fully. The following is the recommended removal procedure.

Before fitting buffer isolate the lift car while working underneath.

Before the buffer is released ensure that there is sufficient clearance to allow full extension. Do not stand over the buffer.

Use appropriate lifting equipment for designated weight of buffer, do not lift the buffer using the plunger.

Weight of buffer is shown in table 1.

Undo and discard transportation screw as per diagram on Page 1.

The units will require filling with oil to the specified level.

At installation the correct oil level of all buffers must be checked.

Make electrical connections to the limit switch.

NOTE: For base fixing—minimum rawl bolt depth in floor should be 90mm bolt shank diameter 12mm.

The maximum overall height should be checked against table 1 and should be within +0/-8mm of the figure stated.

OIL FILLING PROCEDURE

The filling can be either before or after installation of the buffer but the correct level must only be checked when extended.

The correct oil specification is listed on the data label for each code

a) Securely mount the buffer in the shaft bottom.

b) Remove oil filler plug and dipstick.

c) Fill the unit with oil if necessary, the approximate volume is stated in table 1.

d) Take care when handling the oils. Observe the oil manufacturers recommendations.

e) Allow to stand for 30 minutes, then check oil level with dipstick when buffer is fully extended and top up as necessary. Leave to stand for a further 20 minutes, recheck and top up again if required. The oil must be at the level indicated on the dipstick.

f) If possible compress the plunger, then release - observing that full extension is smoothly attained.

g) Refit oil/filler/dipstick.

MAINTENANCE

Inspection need be no more frequent than the local statutory checks on elevator installations or following an impact. At the time, it is only necessary to simply check that the oil level is correct and that the overall height remains to the correct measurement. After impact check buffer visually for any damage. Check gas spring by making sure the buffer has fully re-extended.

Remove and clean away any dirt and debris around the plunger and switch. Check the alignment of the striker, this should be parallel with the plunger and switch, in a vertical position.

NOTE: If the buffer has not returned to the fully extended position (determined by measuring overall height) contact the buffer supplier.

OIL SPECIFICATION

The oil must conform to the specification on the buffer data plate - ISO VG68 - SG .88/.90 at 15°C - hydraulic.

Pour Point -18°C or lower.

Viscosity index 75 or higher.
使用说明

Oleo 牌缓冲器进行标准的表面处理，适合干燥环境下使用，但不适宜在竖井等潮湿或带有腐蚀性的条件下工作。

使用环境温度：-15°C 至 70°C

注：如果除以上说明的工作条件外，尚有其他特殊要求，请咨询 Oleo 国际公司。

请沿着平行于导轨的方向将缓冲器竖直地装入，许可偏差+/-5mm。如果尚未了解非垂直安装的情况，敬请咨询 Oleo 国际公司。

准备安装

Oleo 牌电梯缓冲器内已预先封入气体。在运输过程中，缓冲杆被运输螺栓/固定器固定在极限压缩状态。因此，必须先拆下固定器，然后缓冲杆才可能完全伸出。建议的拆卸步骤如下。

进入电梯间下方安装缓冲器之前，请先隔离电梯间。

松开缓冲器之前，请检查预留间隙是否足够其完全伸展，禁止站在缓冲器上方。

请针对缓冲器的重量使用合适的起重设备，勿利用缓冲杆进行该工作。

请缓冲器的重量见表 1。

请按第 1 面的图松开运输螺丝并弃置。

要求加注一定量的液压油，直至要求的高度。

安装缓冲器时必须检查油位是否正确。

完成限位开关的电气连接。

注意：固定底座时，膨胀螺栓进入地面的深度应至少为 90mm，螺栓杆直径应至少为 12mm。

必须对照表 1 检查全高的最大值，误差应限制在+0/-8mm 的范围内。

加油步骤

安装缓冲期前后均可进行注油工作，但如需检查油位是否正确，则必须待展开缓冲器之后方可进行。

各代码所对应的液压油见相应的数据标签。

a) 将缓冲器牢固地安装到机井底面上。
b) 拔下注射器和量油杆。
c) 如有必要，可加注机油，加注量见表 1。
d) 请小心地处理液压油，应遵照生产商的说明进行使用。
e) 静置 30 分钟，待缓冲器完全伸开之后，用量油杆检查油位，如有必要则继续加注。重新静置 20 分钟之后再次检查，如有必要则继续加注。要求油位必须与量油杆所示位置对齐。
f) 条件许可时，不妨将缓冲杆压入再松开，并观察能否平滑地完全伸展。
g) 将液压油 / 加油器 / 量油杆装回原位。

维护

本本装置无需额外检查，按照当地法令规定在进行电梯安装时一并进行即可：遭到冲击后亦建议进行检查。

此时仅须简单地检查油位是否正确，以及全高数值是否符合要求。遭到冲击后，需观察有无受损。请检查缓冲器是否重新完全伸展，以确定气压弹簧有无故障。

同时清除缓冲杆和限位开关附近的灰尘及杂物。请检查缓冲杆是否与缓冲杆和限位开关平行，处于竖直状态。

注意：如果缓冲器无法重新完全伸展（通过测量全高进行确定），请联系供应商。

液压油规格

液压油必须符合缓冲器铭牌上的规定 - ISO VG68 - SG.88/90，15°C-液压。

凝点为 -18°C 或更低。

粘度指数在 75 或更高。
Table 1

<table>
<thead>
<tr>
<th>Buffer Model</th>
<th>SEB 16</th>
<th>SEB 18</th>
<th>SEB 20</th>
<th>SEB 25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Stroke</td>
<td>173mm/6.81ins</td>
<td>219mm/8.62ins</td>
<td>279mm/10.98ins</td>
<td>435mm/17.13ins</td>
</tr>
<tr>
<td>Max. Overall Height</td>
<td>540.5mm/21.28ins</td>
<td>643.5mm/25.33ins</td>
<td>777.5mm/30.61ins</td>
<td>1126.5mm/44.35ins</td>
</tr>
<tr>
<td>Nominal Oil Volume</td>
<td>1.45 litres</td>
<td>1.77 litres</td>
<td>2.20 litres</td>
<td>3.30 litres</td>
</tr>
<tr>
<td>Buffer Mass/No Oil</td>
<td>11.2 kg</td>
<td>12.8 kg</td>
<td>14.8 kg</td>
<td>20.0 kg</td>
</tr>
</tbody>
</table>

These areas must be supported

- withdraw plug/dipstick assembly from buffer
- make sure wing nut is just screwed down lightly touching the rubber bush
- insert plug/dipstick until wing nut touches flange
- withdraw and read level

SEB 16-25 型缓冲器底座
支撑

SEB 型加油器量杆

- 从缓冲器上拔下油塞 / 量油杆总成
- 检查蝶形螺母的旋入状态，要求恰与下面的橡胶垫相接触
- 插入油塞 / 量油杆，直至蝶形螺母与法兰相接触
- 拔出后读取油位
不仅提供产品
更提供答案

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