



# TLSD 125/HB2SKF SYSTEM 24

## electro-mechanical single point automatic lubricator

### SKF SYSTEM 24 electro-mechanical single point automatic lubricator

TLSD 125/HB2 is filled with SKF LGHB 2 grease for high loads, wet environments and high temperatures, recommended for plain bearings, conveyors and applications with high loads and low speeds. Our electro-mechanical single point automatic lubricators are available in many configurations, pre-filled with SKF lubricants, both as battery or cable driven. Using automatic lubricators improves employee safety, increases machine reliability and optimizes maintenance operations.

- Flexible dispense rate from 1 to 12 months
- Maximum discharge pressure of 5 bar during the dispensing period
- LED status indicators
- Compact size allows installation in restrictive areas
- Suitable for both direct and remote installation
- Supplied with support flange for enhanced sturdiness

## Overview

## Properties

|                                       |  |
|---------------------------------------|--|
| Lubricant                             | LGHB 2   |
| Lubricant description                 | High viscosity, high loads and high temperatures grease                |
| Lubricant operating temperature range | -20 to +150 °C   |
| Recommended applications              | Plain bearings<br>Conveyors with high loads and low speed Applications |
| Drive mechanism                       | Electro mechanical   |
| Power source                          | Battery pack   |
| Lubricant quantity                    | 7.628 in <sup>3</sup>  |
| Lowest dispense setting               | 0.018 in <sup>3</sup> /day   |
| Highest dispense setting              | 0.25 in <sup>3</sup> /day  |
| Maximum feed                          | 9.843 ft   |

line length

|                  |            |
|------------------|------------|
| Maximum pressure | 72.519 psi |
|------------------|------------|

|                       |   |
|-----------------------|---|
| Nominal emptying time | User adjustable: 1, 2, 3, 4, 6, 8, 10 and 12 months |
|-----------------------|---|

|                       |               |
|-----------------------|---------------|
| Nominal emptying time | 1 – 12 months |
|-----------------------|---------------|

|               |  |
|---------------|--|
| LED indicator | <p>Green LED (every 30 sec): OK</p> <p>Yellow LED (every 30 sec): Pre-warning low battery power</p> <p>Yellow LED (every 5 sec): Pre-warning high back pressure</p> <p>Red LED (every 5 sec): Warning, stopped on error</p> <p>Red LED (every 2 sec): Warning, empty cartridge</p> |
|---------------|--|

|                   |       |
|-------------------|-------|
| Connecting thread | G 1/4 |
|-------------------|-------|

|                           |       |
|---------------------------|-------|
| Degree of protection (IP) | IP 65 |
|---------------------------|-------|

|         |                          |
|---------|--------------------------|
| Battery | Battery pack, TLSD 1-BAT |
|---------|--------------------------|

|                  |         |
|------------------|---------|
| Battery capacity | 2.7 A·h |
|------------------|---------|

|              |                    |
|--------------|--------------------|
| Battery type | Alkaline manganese |
|--------------|--------------------|

|                 |       |
|-----------------|-------|
| Battery voltage | 4.5 V |
|-----------------|-------|

|                           |             |
|---------------------------|-------------|
| Ambient temperature range | 32 – 122 °F |
|---------------------------|-------------|

|                |          |
|----------------|----------|
| Product weight | 1.279 lb |
|----------------|----------|

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