

# HTL 201 EEX

Hydraulically driven pump for underground mining applications



The Lincoln HTL 201 EEX is the industry's first hydraulically operated pump for use in volatile applications, such as underground mining. Featuring a steel pump body and lubricant reservoir, this unit is a cost-effective alternative to expensive electrically driven pumps that must include a cabinet for explosion protection.

Designed to minimize friction and wear, the HTL 201 EEX is operated via the hydraulic system of a superior machine or carrier system and supplies lubricant as long as that machine or carrier device is active. The HTL 201 EEX is based on the proven Lincoln HTL 201 hydraulic tool lubricator concept and includes a grounding point to discharge electricity immediately, if needed.

## Advantages:

- Robust design
- Easy to install and maintain
- Refillable reservoir
- Compatible with greases up to NLGI grade 2
- Integrated throttle for adjustable output
- Accepts progressive metering devices
- ATEX I M2 c (mining)  
ATEX II 2G c IIC TX (gas)  
ATEX II 2D c TX (dust)

# How to order

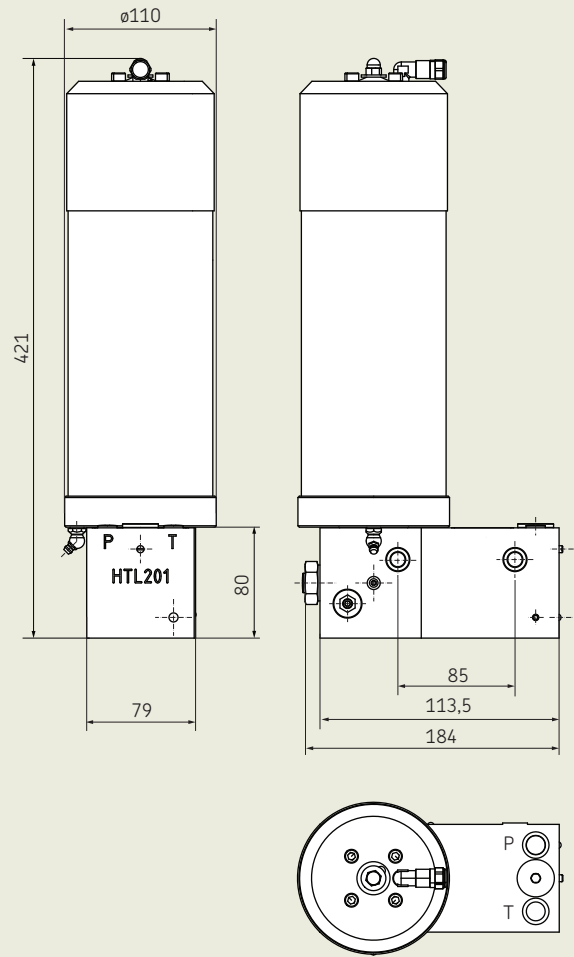
Designation	Order number
Pump HTL 201-K7 EEX	642-41184-9

# Technical data

Technical data	
<b>Operating temperatur</b>	-25 to +65 °C -13 to +149 °F
<b>Operating pressure</b>	
Hydraulic pressure carrier system	80–210 bar 1 160–3 046 psi
Starting pressure of pump HTL201 <sup>1)</sup>	≥ 30 bar 435 psi
<b>Lubricants</b>	Greases up to NLGI grade 2
<b>Capacity of the lubricant reservoir</b>	1,5 liters 52,9 fl.oz
<b>Weight (empty pump)</b>	15 kg 33 lb.
<b>Connections / outlets</b>	
Pressure connection P	G 1/4"
Return line connection T	G 1/4"
Lubricant feed line	G 1/4"
Lubrication fitting	G 1/8"
<b>Installation position</b>	Vertical, i.e. lubricant reservoir at top
<b>EEX classifications</b>	ATEX I M2 c (mining) ATEX II 2G c IIC TX (gas) ATEX II 2D c TX (dust)

<sup>1</sup> The pressure-relief valve of the HTL 201 pump has been adjusted to 270 bar (3 916 psi). All system parts must be designed for the maximum hydraulic pressure of the carrier system.

## Dimensional drawing



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