

## **Opportunity 2**

**LA42 – Motor Sub-Assembly & Linear Actuator Main Assembly**

**ANS / January 2023**

# LA42 Linear Actuators



The actuator LA42 is a solid and powerful LINAK® actuator, designed to operate under challenging conditions

Its compact design, performance and a wide range of safety options makes the LA42 the right choice for WheelChair applications

Max Push                    6.000N

Max Pull                    4.000N

Speed up to                6mm/s

Enclosure                    IPX6

# Main application area for the LA42 is WheelChairs



# LA42 Motor Sub-Assembly & Linear Actuator Main Assembly



## Main processes:

- Motor parts are assembled
- Paired with the spindle assembly
- Final Assembly
- Test
- Packaging

The area is manned with approx. 3-5 operators working multiple shifts

The LA42 Actuator comprises approx. 20-30 components

## InnovationSprint Challenge:

**Identify the most optimal Lean & Flexible Automation solution taking the entire LA42 Assembly process flow into consideration**



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