



Dahl
Linear Move



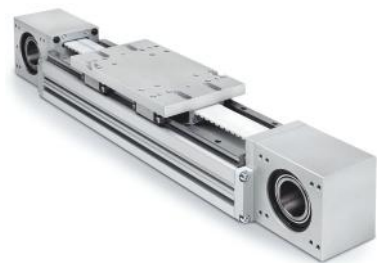
Servo
Amplifier



Full
UR Integration



Linear Unit



ROLLON
BY TIMKEN

Maximum scope for all Universal Robots.
Horizontal or vertical. The integrated 7th axis in one package.

Our new Plug & Play solution

Palletizing / Depalletizing

Machine loading process

Combination of workplaces

Ready for use in just a few simple steps



UNIVERSAL ROBOTS
Integrated

Compatible with all UR e-Series
& generation CB3 models from
version 3.7 / control version CB 3.1

www.dahl-automation.de

🇩🇪 Made in Germany

Concept by



Dahl
AUTOMATION

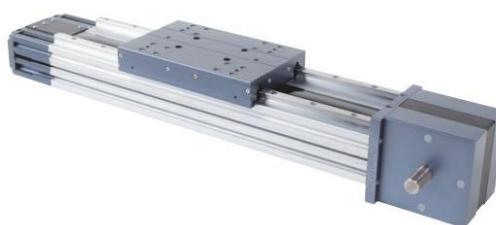
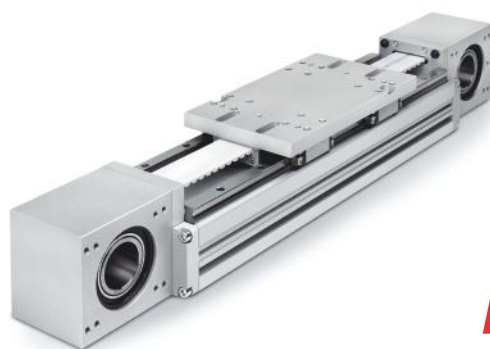
Overview components mechanics & control unit

Linear axle series *R-SMART**

| Robot | Type | Drive |
|--------------------------|---------|------------------------------|
| UR3 | 120 SP4 | MP080 |
| UR5 | 160 SP4 | MP105 |
| UR10 | 220 SP4 | MP105 |
| Frame size: 120 - 220 mm | | Max. stroke length: 6.000 mm |

Linear axle series *ROBOT**

| Robot | Type | Drive |
|--------------------------|--------|------------------------------|
| UR3 | 130 SP | MP080 |
| UR5 | 160 SP | MP105 |
| UR10 | 220 SP | MP105 |
| Frame size: 130 - 220 mm | | Max. stroke length: 6.000 mm |



ROLLON
BY TIMKEN



Linear Unit *ROLLON R-SMART* or *ROBOT*

- ✓ High speed & high accelerations
- ✓ High load ratings
- ✓ Low wear / long lifespan
- ✓ Low-maintenance
- ✓ Low-noise

Switch cabinet with servo amplifier *B&R Acopos P3*

The 3-axis servo amplifier offers an output density of 4 ampere per liter required space and thus is one of the most efficient servo amplifiers with integrated safety functions on the market. Its scanning time is 50 µs minimally for the full controller cascade.*

Scope of Supply

- ✓ *Dahl Linear Move* Software & Operation Manual
- ✓ Linear Unit *ROLLON* series *R-SMART* or *ROBOT*
- ✓ Control with servo amplifier *B&R Acopos P3*

Reference

* For detailed technical specifications of the components used in this product please consider the spec sheets available from the two manufacturers.

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Partner of



As a certified system integrator we will be glad to support you with your complete system architecture. Ask for full advice - in respect of robots, peripheral devices, equipment options and spare parts supply!

Find our prices, general supply and guarantee terms online.