

# Movex RS PRO

SUPER RS MAGNETIC CURVE

New

Patented

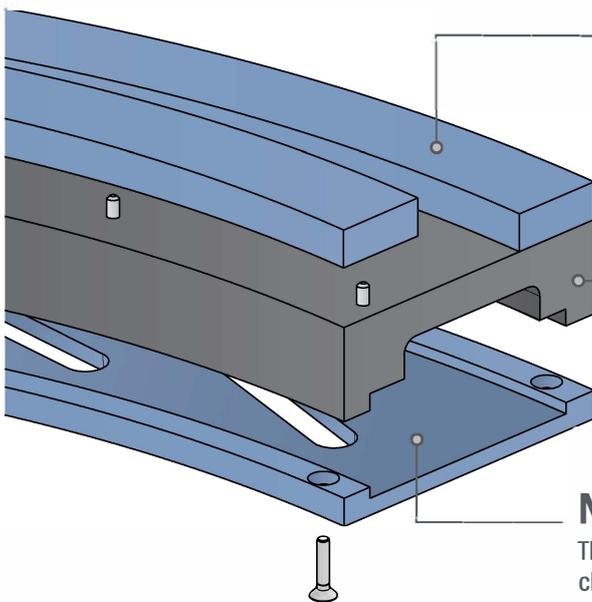
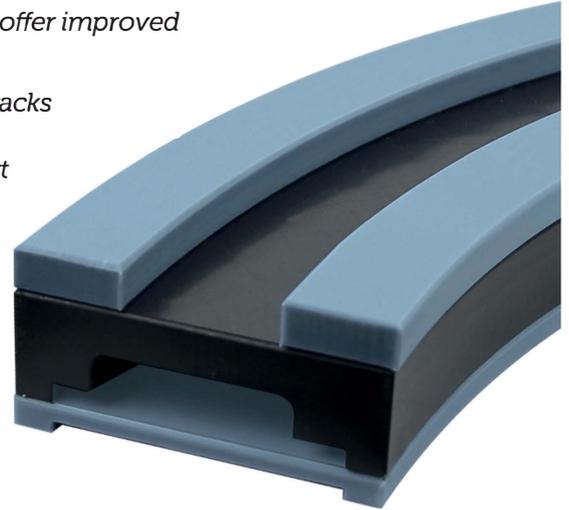
## A new concept of Magnetic curve.

**Movex®** introduces a new concept of magnetic magnetic curves to offer improved conveyor performance.

**RS PRO** is a patented system that consists of machined, plastic curve tracks equipped with permanent magnets with a new curve-return concept. This concept with a special return-section-plate provides a total support of the chain or belt in the return of the curve.

**RS PRO** is equipped with wear-strips in **BluLub**, that contributes to improved PV-properties compared to standard UHMW-PE curves especially in applications with limited lubrication, higher speeds and/or higher loads.

**RS PRO** curves equipped with **BluLub** wear-parts creates the possibility to reduce the energy consumption due the lower friction which also improves the product stability and wear-life of chains and belts.



### Wear strip *made in BluLub*

The new assembly system, reduces the maintenance-time in case of replacement. **BluLub** material guarantees great performance especially in applications with limited use of lubricants, higher speeds and/or higher loads.

### Return section

The new heart of the **RS PRO** curve; made out of **UHMW-PE**, designed to reduce the distance between chain and magnets; ensuring higher magnetic force to keep the chain in the correct position.

### New support plate *made in BluLub*

The new return-section plate made out of **BluLub**, creates a full support of the chain or belt in this return-section.

**RS PRO** patented curves can be used for both, chains as well as chain-belts. Depending on the installation of the return-section plate, the correct space is created in the return. Basically, two executions in one design! *More info in the next page.*

Suitable for Chain-belts & Plastic chains:



260 M



880 M

## RS PRO

### Advantages:

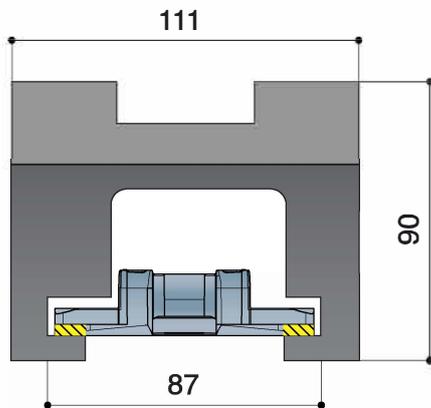
- Lower Wear
- Lower Friction
- Easy to install
- Easy to maintain
- Longer wearlife of chain
- Lower Maintenance cost

# Wear difference between Standard & **RS PRO**



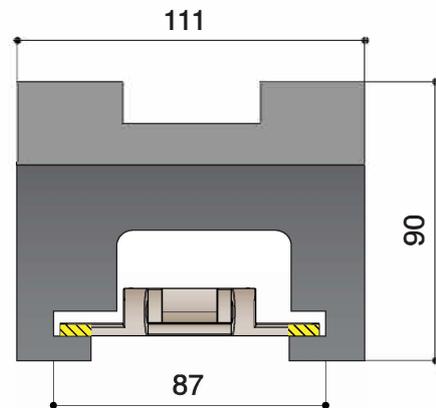
**Contact area**  
Chain- Curve

## 260 M

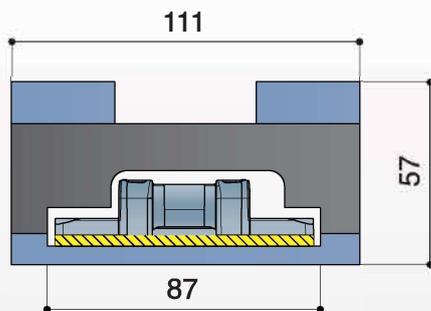


**Standard CURVE**

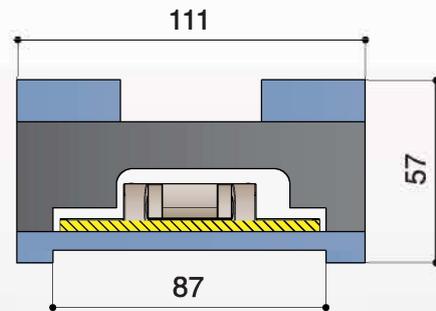
## 880 M



**Standard CURVE**

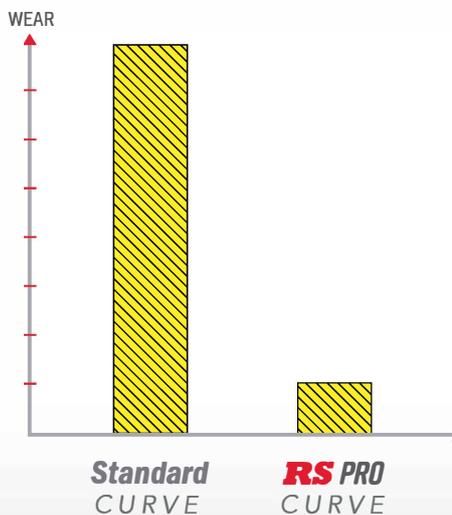


**RS PRO CURVE**  
with **BluLub WEARSTRIPS**



**RS PRO CURVE**  
with **BluLub WEARSTRIPS**

### Wear test



**RS PRO** patented system provides the largest contact surface area between chain and curve, this improves the product stability specific after many hours of operation. Due the large contact area, the wear is optimum and equally divided with a minimum of force in the return-section.

**Movex® RS PRO** means longer wearlife of chain and curve, lower maintenance cost and better performance!



Chain used with  
**Standard CURVE**



Chain used with  
**RS PRO CURVE**