





# Chain Conveyor RFKG

For conveying dry, fine-grained and coarse-grained materials in a compact, regular stream.

#### Design

- Completely enclosed casing
- Reduced material residues in the drive and return units
- All elements have been optimized to prevent material residues
- Low operating power requirement
- All elements made of materials safe for food applications

#### **Operational reliability**

- Sensor for detecting material backups in the drive unit
- Sensor for detecting zero chain speed at the return shaft
- All moving parts completely enclosed

#### **Additional elements**

- Cleaning flights for additional clearing for material changes
- Dosing elements for different requirements
- Receiving hoppers
- Outlet hoppers with angles of 35° and 55°
- Bent casing sections with angles up to 15°
- Inspection windows

### Surface treatment

Standard

- Food-compatible white synthetic resin-based paint, NCS 1000
- For outdoor applications, multi-layer anti-corrosion paint

Option

• Finish according to customer's need



#### **Return end**

- · With screw take-up
- Shaft equipped with flanged self-aligning roller bearings
- Permanently installed zero-speed detector

#### **Conveying chain**

- Drop-forged and hardened, with high tensile strength
- With plastic cleaners for keeping the casing bottom clean
- With chain guide bars of plastic and manganese steel at the deflection points



#### **Outlet gates**

- Can be installed in any position
- Clean, tight, no material residues
- Good discharge
- Compact outside dimensions
- Pneumatic, manual or electric operation of gates

#### Drive

- Mounted directly onto drive shaft with torque support and shrink disk
- Can be installed on either side
- Drive unit as required with material bypass
- Shaft supported by flanged self-aligning roller bearings

## **Dimensions**



## **Design versions**



## **Conveyor selection**

Determining the design version and the optimal conveying velocity requires accurate knowledge of the properties and the conveying characteristics

**Chain pitch** 

With flights for different inclinations



of the material handled. For the specific selection and determination of all values, please contact the sales and engineering departments.

#### The following table shows approximate values for maximum throughput rates.

Туре	Max. Throughput Wheat $\gamma$ = 0,75 t/m <sup>3</sup>	Chain/ Chain tension
RFKG-100	150 t/h	102 V/25 kN
RFKG-200	330 t/h	102 V/25 kN
RFKG-400	520 t/h	142 Z/50 kN
RFKG-600	820 t/h	142 V/80 kN
RFKG-800	1010 t/h	142 V/80 kN
RFKG-1000	1300 t/h	142 V/80 kN

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