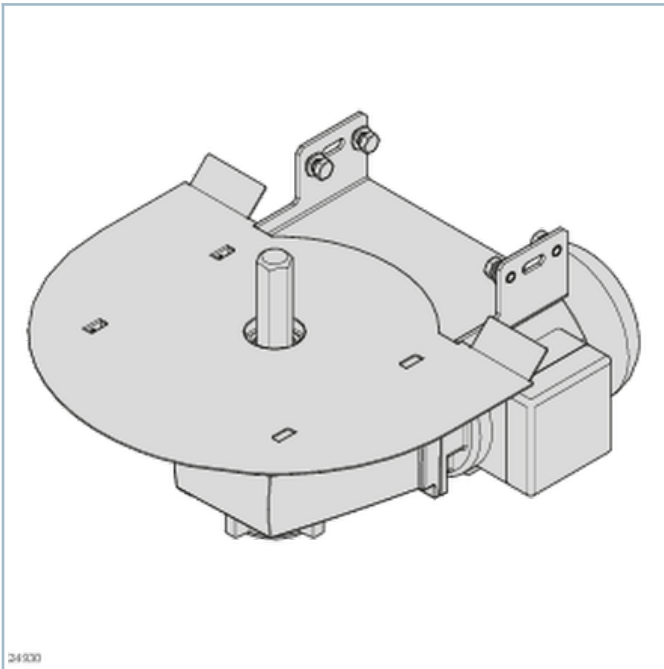


Drive kit curve wheel AL



- The transmission of force of several superimposed curve wheels is possible. The motor torque then has to be distributed across all curve wheel levels.
- The adjustable ball catch coupling is protected and integrated in the flange to save space

Product description

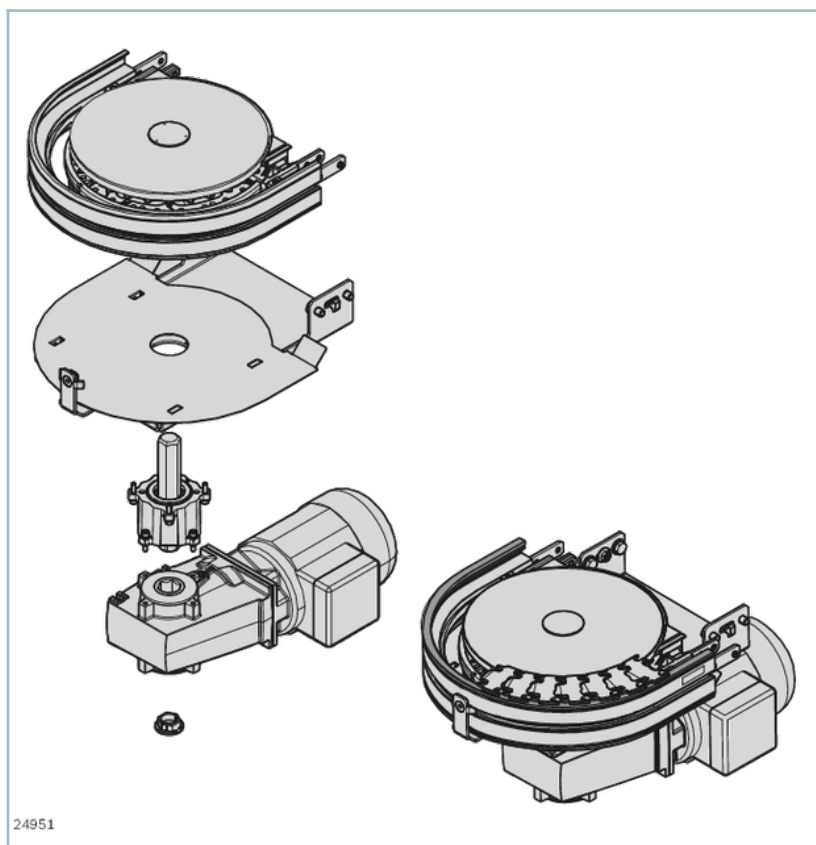
The 180° curve wheel (aluminum version) is quickly transformed into a curve wheel drive by using a drive kit. It contains a flange for attaching the motor to the curve wheel, a hexagonal shaft for the force transmission, as well as other optional equipment features.

- For constructing a circuit with curve wheel (AC = 0) or an alpine conveyor (AC = 1)
- With preset ball catch coupling (Kpg = 1) for limiting torque or for the alpine conveyor drive kit (AC = 1), also without (Kpg = 0). The coupling does not serve as personal protection.
- With a Lenze gear motor (GM = 1) or with interface for installing an SEW SA47 gear motor (GM = 2).

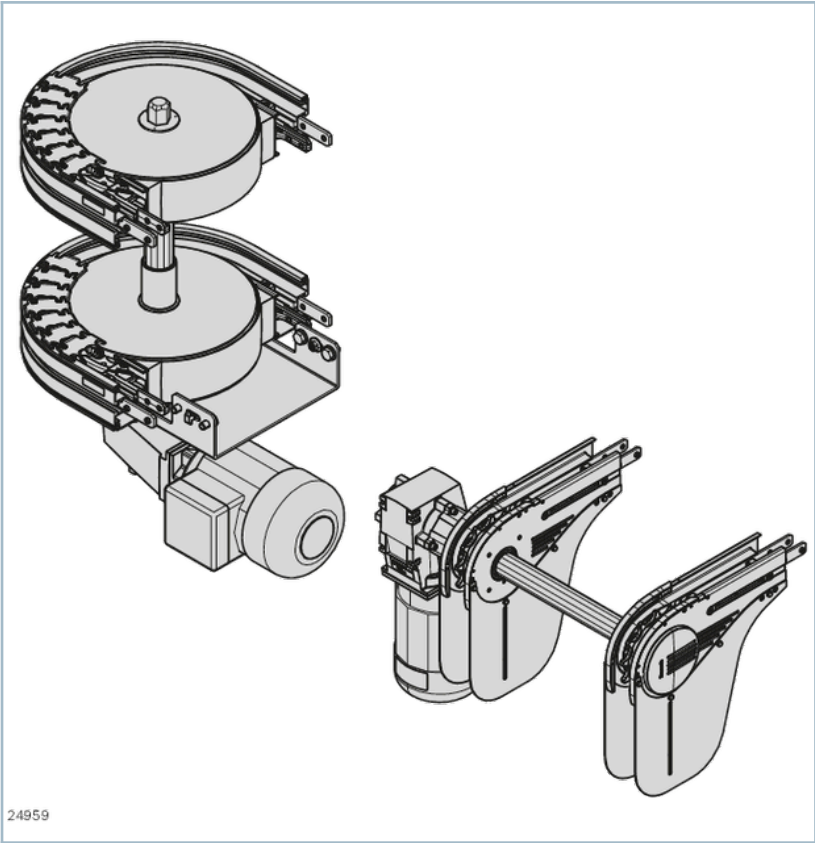
For the installation of other gear motors (GM = 0), the customer is required to make adaptations.

- Fixed or adjustable speed (vN). For an adjustable speed, gear motors must be retrofitted with an FU (frequency converter).
- Different voltages and supply frequencies (U/f)
- Connection via terminal boxes (AT = K) or plugs (AT = S)
- GM = 1 without surface and corrosion protection
- Conveying speed: vN = 4-21 m/min. For drives with frequency converters (FU), the speed must be limited to a maximum of 21 m/min by a control system.

Basic unit curve wheel drive AL



Drives for multi-track systems and alpine conveyor



Technical data

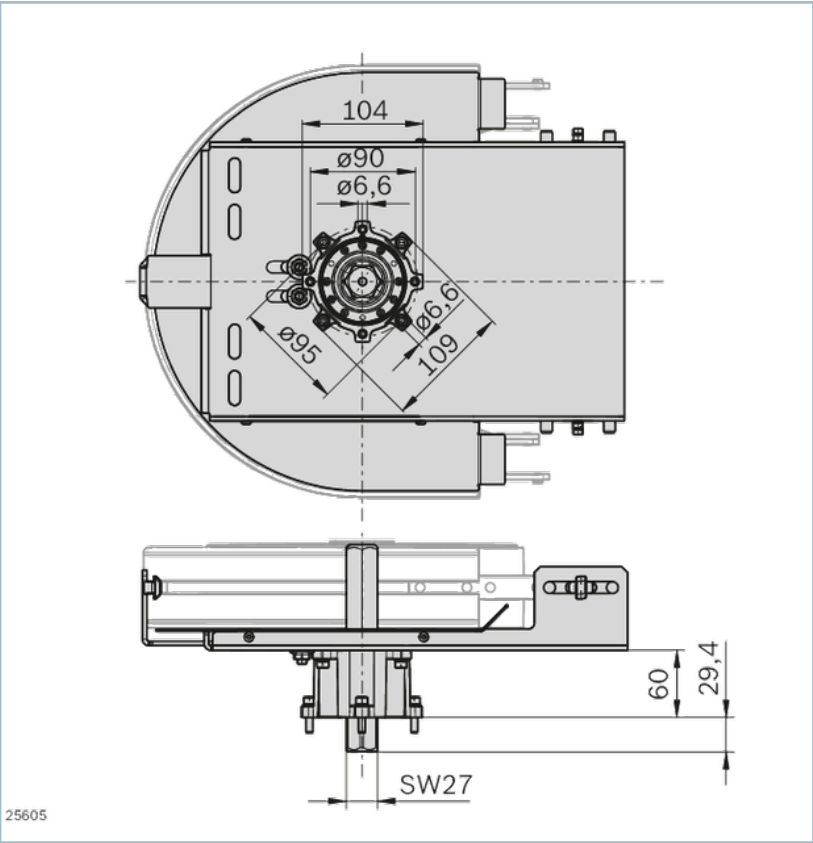
	Material
Drive kit curve wheel VFplus AL	Flange: Aluminum, die-cast Shaft: STS Connecting sheet, cover sheet: Steel, galvanized Ball catch coupling: Steel

Dimensions

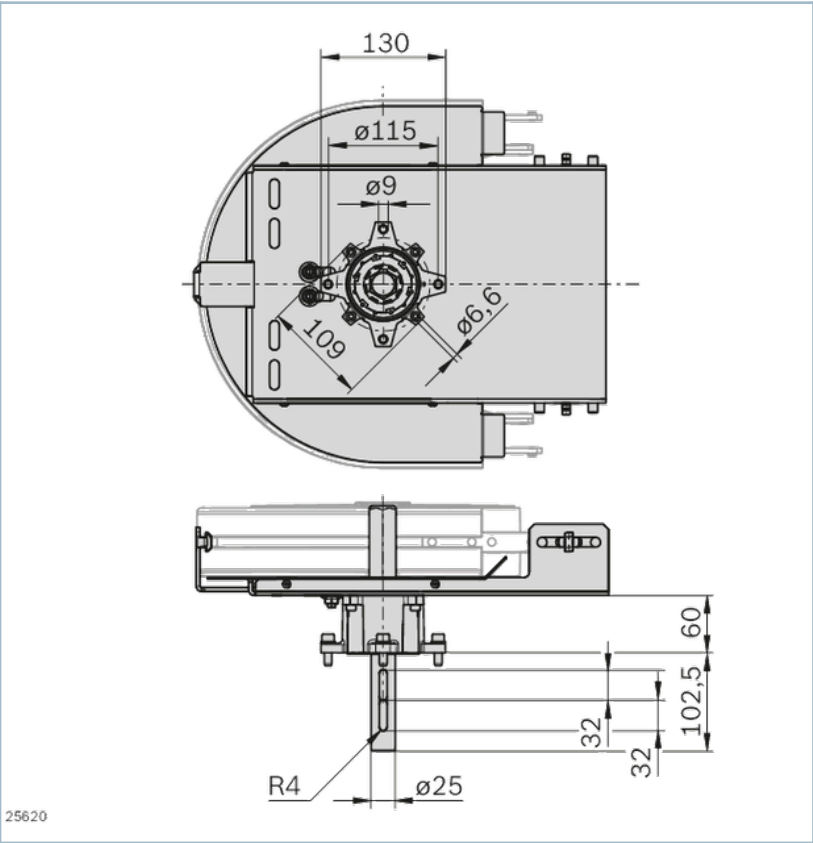
	R (mm)	Z
VFplus 65	153,0	28
VFplus 90	165,5	30

- 1) R = radius (mm)
2) Z = number of teeth

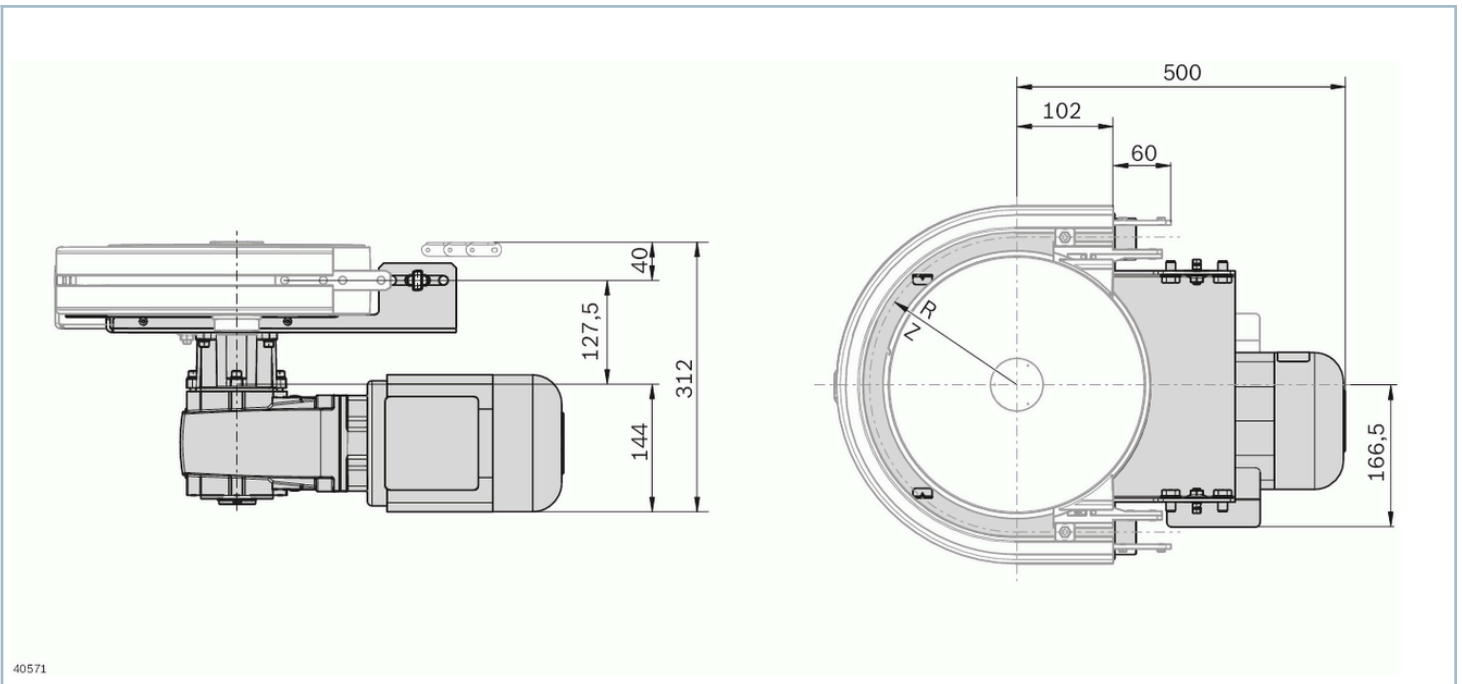
Curve wheel drive AL GM = 0



Curve wheel drive AL GM = 2



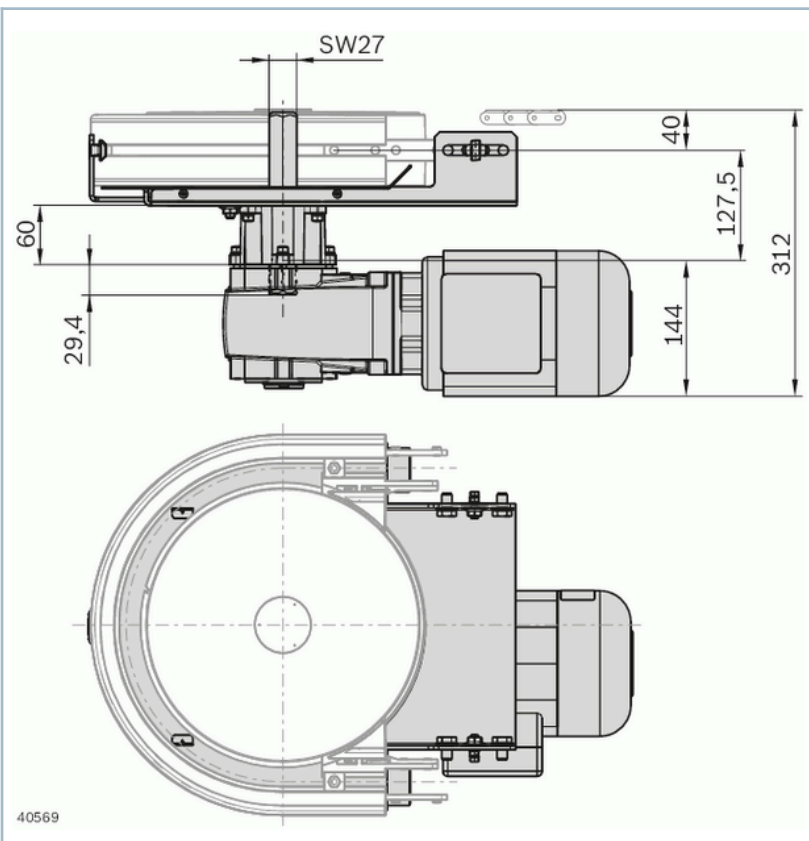
Drive kit curve wheel AL



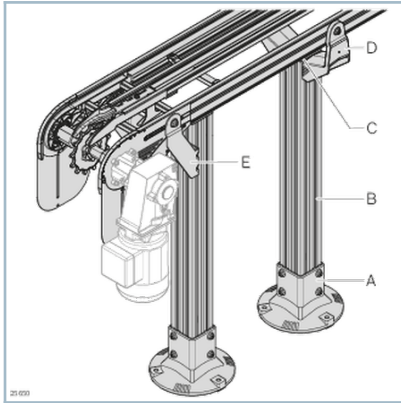
R = radius (mm)

Z = number of teeth

Drive kit curve wheel VFplus AL



Accessories



Section support 160-320 AL

- Plug-through screws, few screwed connections
- Easy to clean thanks to ample draining surfaces
- Simple realization of ascending and descending conveyor sections thanks to a holder with centering lugs that can be broken off
- Drilling aid for the simple fastening of drip trays, safety devices, etc.
- Supports can also be used in conjunction with STS sections
- Holder is easily centered in the slot thanks to centering lugs
- Very simple assembly thanks to pluggable screw connection
- Easy-to-clean design with draining surfaces

Ordering codes

Order Parameter

GM	Gear motor 1: Lenze gear motor 2: SEW SA47 gear motor 0: A different gear motor	0; 1; 2
AC	1: Alpine conveyor 0: Curve wheel	0; 1
b	Track width in direction of transport	65; 90
Kpg	Ball catch coupling 1: Adjustable ball catch coupling 0: Without ball catch coupling	0; 1
v_N (m/min)	Nominal speed	5; 10; 13; 21
U, f (V, Hz)	Voltage, frequency	see motor data

AT	Motor connection S: cable/plug K: terminal box	K; S
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	No.
Drive kit curve wheel VF <i>plus</i> AL	3842998742