

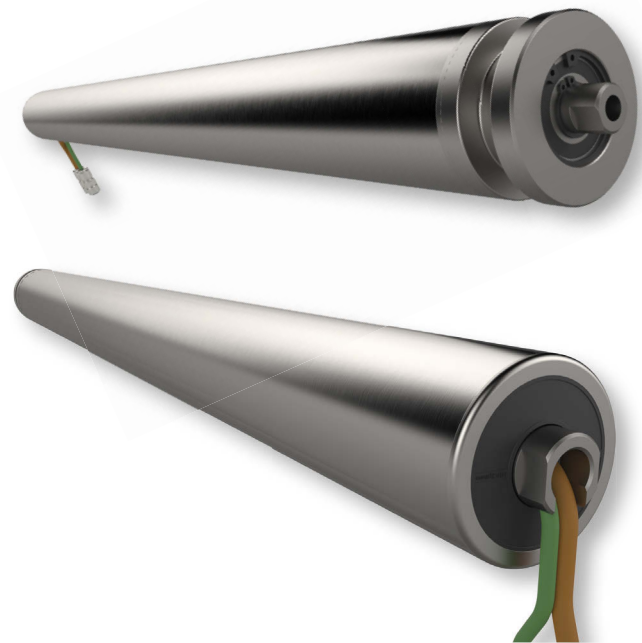
## Short description

Designed for use in flexible crossbelt loop sorter solutions for high-performance sorting of packages of varying sizes and weights.

The motor of this electrically driven belt drive is integrated in the tube. Based on the latest synchronous technology, this drive system represents energy efficiency and sustainability.

Different encoder systems ensure flexible control with externally mounted drive controllers. Depending on individual customer requirements, the design is made with a Hall sensor, magnetic encoder or resolver.

Mechanical and electrical adjustments can be implemented individually and enable a modular and flexible structure of the customer application.



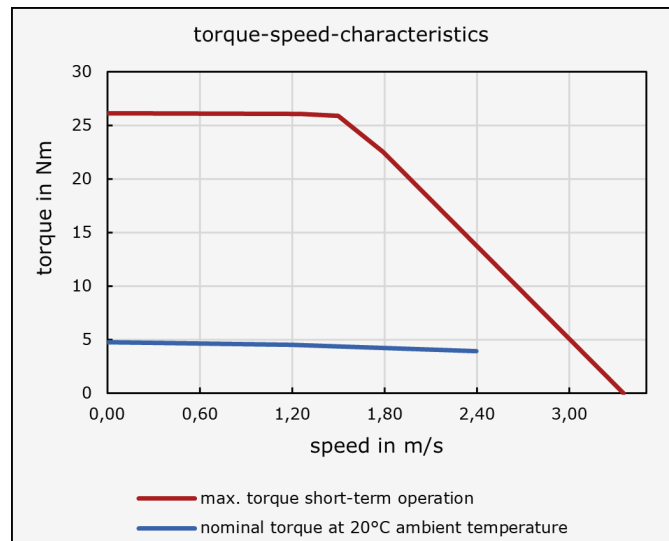
## Key features

- **Highly dynamic sorting or dropping** of packages with a total weight of up to 50 kg
- **High precision and maximum performance** when positioning and accelerating
- **Individual adaptation** of the mechanical design and electrical interfaces
- **Flexible adaptation** to decentralised drive controllers

## Technical data

Description	
Nominal voltage	48 VDC
Nominal power	235 W
Nominal speed	2,4 m/s
Nominal torque	4 Nm
Maximum torque	26 Nm
Nominal current	7,4 Arms
Maximum current	53 Arms
Ambient temperature	0 ... 40 °C
Encoder	magnetic encoder, 5 VDC, 1024 ppr
Brake	none
Temperature sensor	TMC - C1W - 140°C
Protection class	IP54

## Characteristics



## Connections

### Motor cable length 1 m with Hummel M16

Signal	Wire colour / label
U	A
V	B
W	C
PE	PE
TH1	1
TH2	2
n.c.	+,-

### Signal cable length 1 m with Hummel M16

Signal	Wire colour / label
GND	1
5V	2
I-	3
I+	4
B-	5
B+	6
A-	7
A+	8
H1	9
H2	10
H3	11
n.c.	12, A-C

## Dimensions

