

AS 5/XH, AS 5/H-FR Drive Units (with full rollers)



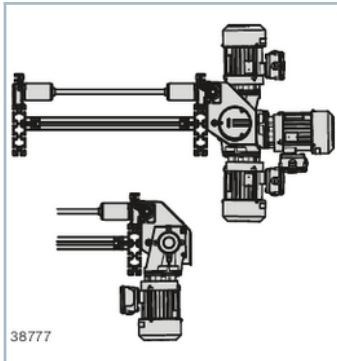
- For driving ST 5/...-FR conveyor units, CU 5/...-FR curves, DI 5/...-FR diverters, JU 5/...-FR junctions and an HQ 5/... lift transverse unit

- Reversible operation possible
- Accumulation operation possible
- Motor connection with plug (AT = S) or terminal box (AT = K)
- Freely selectable motor position and length
- Gear motor can be mounted on both sides on the transmission drive (MA = R and MA = L)
- Viewing window for checking the toothed belt
- Due to the simple and space-saving disassembly of the cover, adjacent components/machines can be positioned at a distance of 20 mm from the AS 5
- Optional frequency converter
- Suitable for clean room of ISO class 7
- Suitable for dry room < 1% RH
- **Notice:** To transport workpieces without workpiece pallets. Use plastic lateral guides to ensure the workpiece is not damaged!

Product description

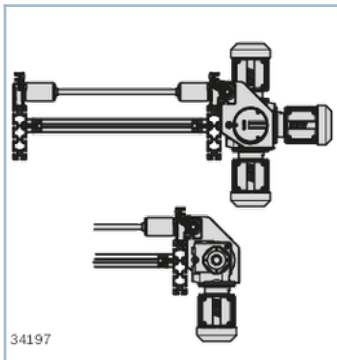
Attachment options for the gear motor

Standard



Attachment options for the gear motor

Customer-specific motor



[Drive unit selection](#)

[Drive layout](#)

Technical data

Material

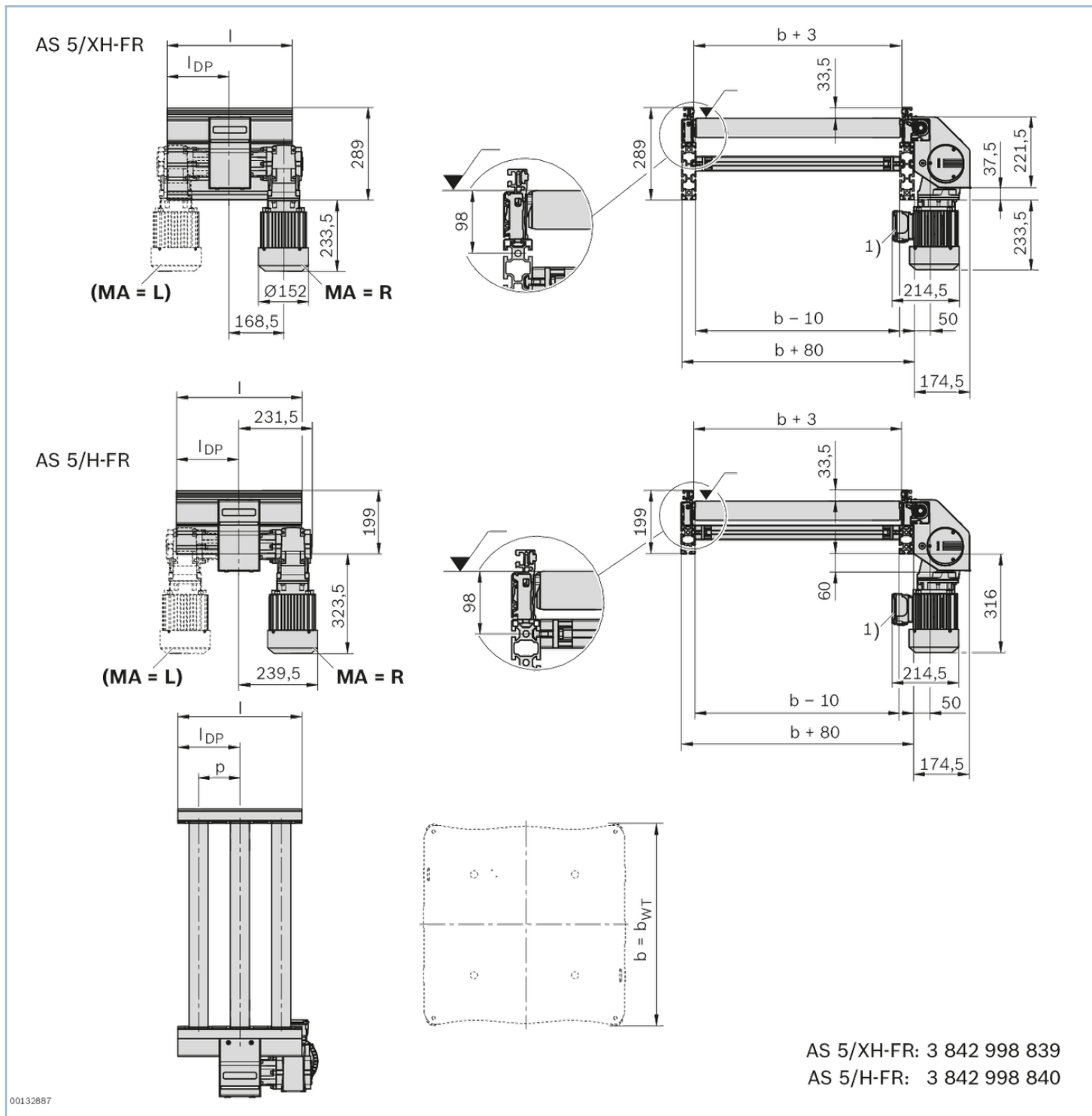
Shaft: brass

[Transport and nominal speed vN](#)

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Dimensions

AS 5/H-FR, AS 5/XH-FR drive module, division $p = 130 \text{ mm}$



1) Note: In this depiction, the terminal box can collide with the leg sets. It protrudes into the section.

$$I = p \times N$$

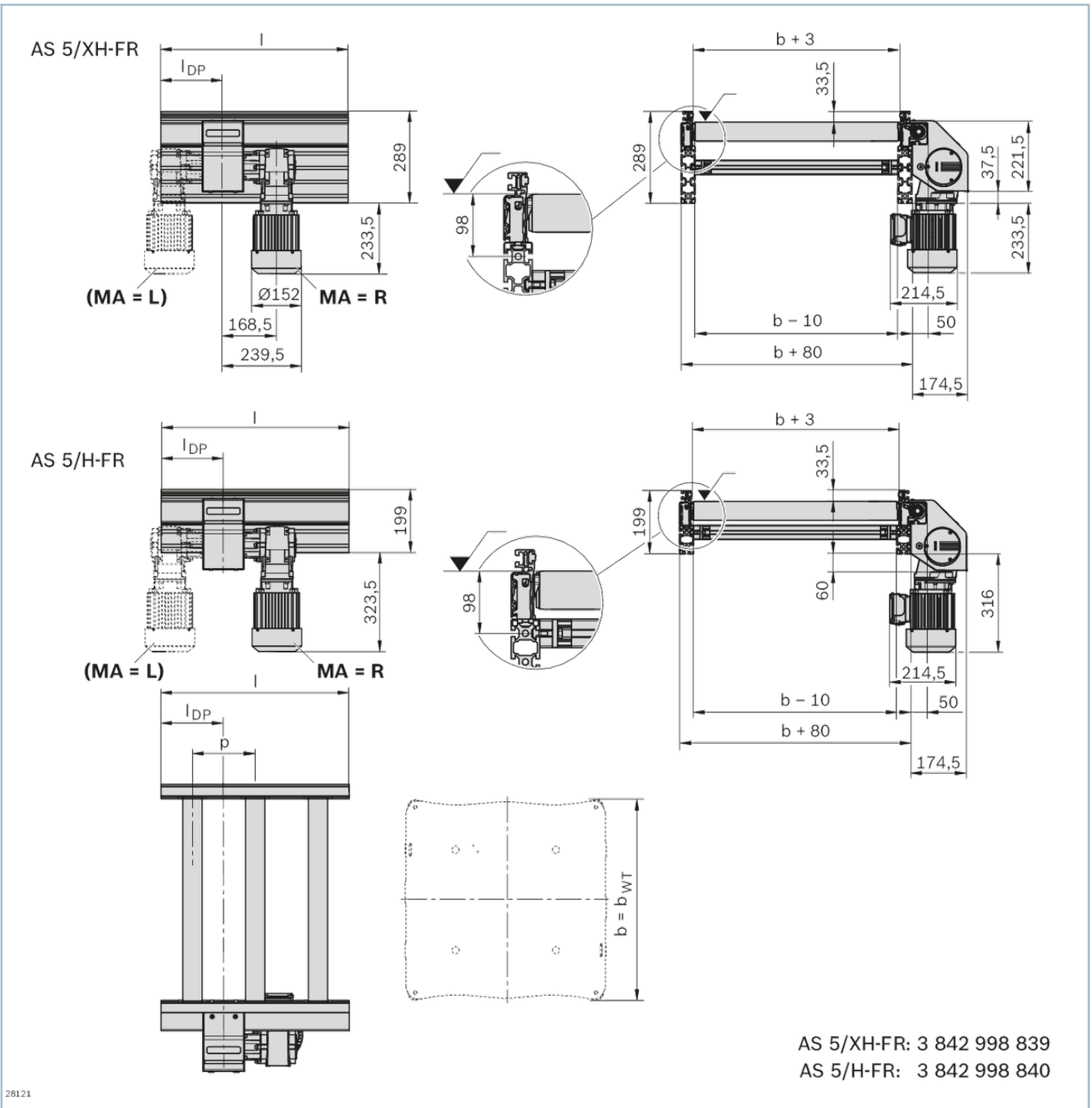
$$I_{DP} = DP \times p - p/2$$

p = roller spacing (pitch)

N = Number of rollers

DP = Drive position

AS 5/H-FR, AS 5/XH-FR drive module, division $p = 195 \text{ mm}$; $p = 260 \text{ mm}$; $p = 325 \text{ mm}$



$I = p \times N$

$I_{DP} = DP \times p$

p = roller spacing (pitch)

N = Number of rollers

DP = Drive position

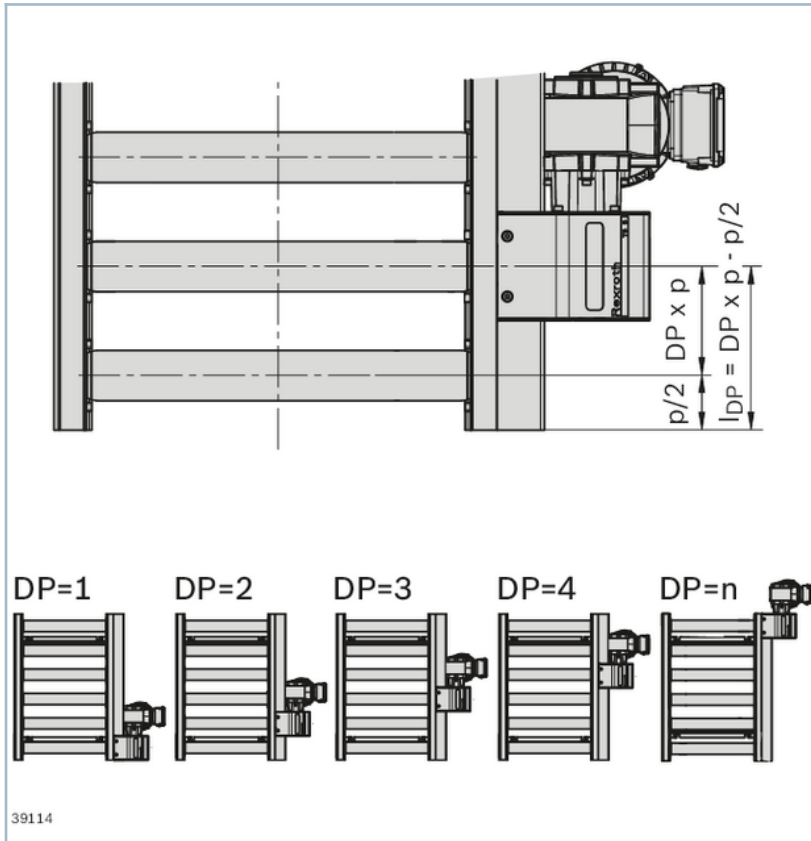
Information

Division p and drive position DP

$p = 130 \text{ mm}$

DP is the roller to which the transmission drive is fitted. This roller is not driven.

Example: DP = 2



Possible drive positions DP with division p

p (mm)	MA	DP
130	R; L	1 ... 31

Note:

Only if $p = 130 \text{ mm}$: Roller corresponding to DP is not driven.

Gear motor can be mounted on both sides.

Permissible position l_{DP} (mm) from start of section: $l_{DP} = DP \times p - p/2$

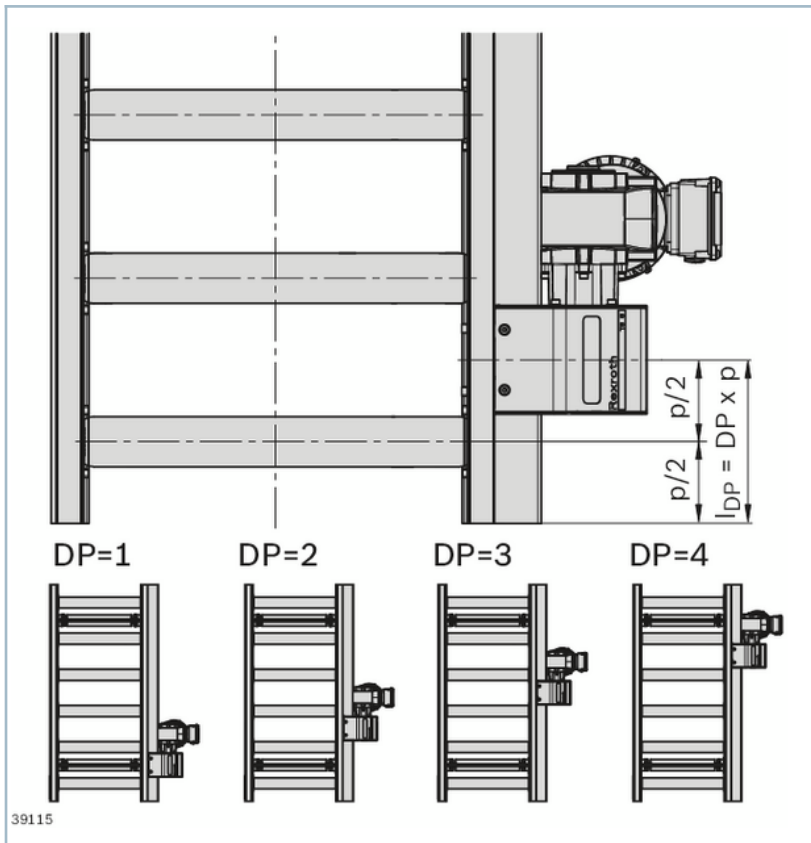
Example of $p = 130 \text{ mm}$ and $DP = 10$: $l_{DP} = 10 \times 130 \text{ mm} - 65 \text{ mm} = 1235 \text{ mm}$

Division p and drive position DP

$p = 195 \text{ mm}$; $p = 260 \text{ mm}$; $p = 325 \text{ mm}$

DP is the space between two rollers in which the transmission drive is fitted.

Example: DP = 1



Division p and drive position DP

p (mm)	MA	DP
195	R; L	1 ... 20
260	R; L	1 ... 15
325	R; L	1 ... 11

Permissible position l_{DP} (mm) from start of section: $l_{DP} = DP \times p$

Example of $p = 260$ mm and $DP = 5$: $l_{DP} = 5 \times 260$ mm = 1300 mm

Accessories



Connection Kits

- Profile connector
- Intermediate plate

- Coupling



SZ 5 Leg Set

- Leg set for general applications



SZ 5/U Leg Set

- Leg set for multi-level sections

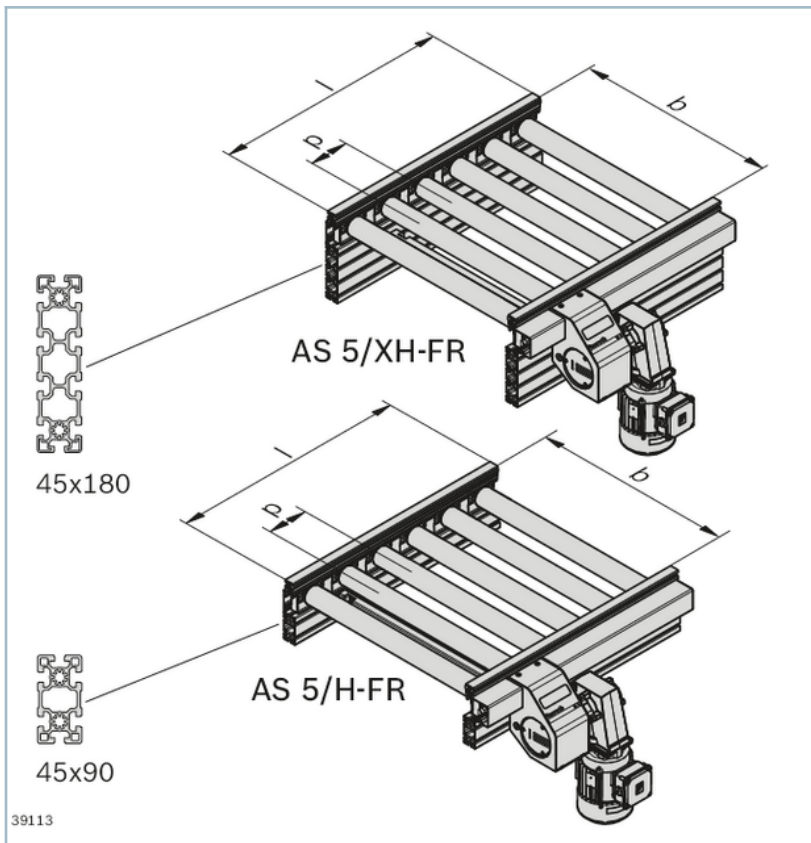
Delivery notes

Condition of Delivery

Ready-to-install, gear motor enclosed separately

Mounting option for the gear motor on the right/left possible

Ordering codes



Order Parameter

No.		3842998839	3842998840
b	Track width	455; 650; 845; 1040	
l_{WT}	Length of workpiece pallet	455; 650; 845; 1040	
p	Roller spacing (pitch)	130; 195; 260; 325	
l	Length graduated according to the roller dimensions.	390 ... 4160	
N	Number of rollers in color 1	3; ... 12; 16; 21; 32	
LG	Lateral guide material 1: Steel 2: Plastic 3: Aluminum	1; 2; 3	
BG	Bevel wheel material 1: Plastic 2: Sintered metal	1; 2	
TR	Roller material 1: Steel, galvanized 2: Steel, nitrocarburized	1; 2	
GM	Gear motor 0: without (interface SW27) 1: with gear motor SW27 2: without (interface to SEW connection, round shaft Ø20)	0; 1; 2	

U, f (V, Hz)	Voltage, frequency	see motor data
AT	Motor connection K: with terminal box S: with plug	K; S
MA	Motor mounting L: left R: right	R; L
DP	Drive position	1; 2 ... n

	No.
AS 5/XH-FR drive unit	3842998839
AS 5/H-FR drive unit	3842998840