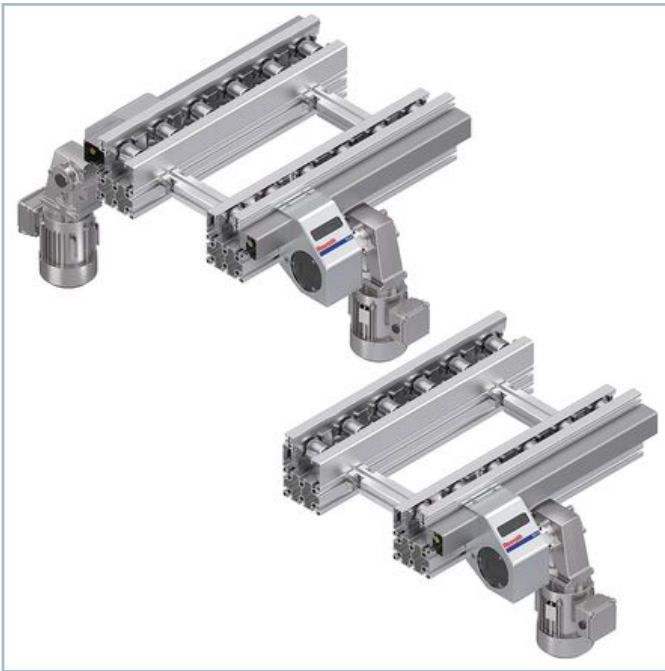


AS 5/OC Drive Units (Open Center)

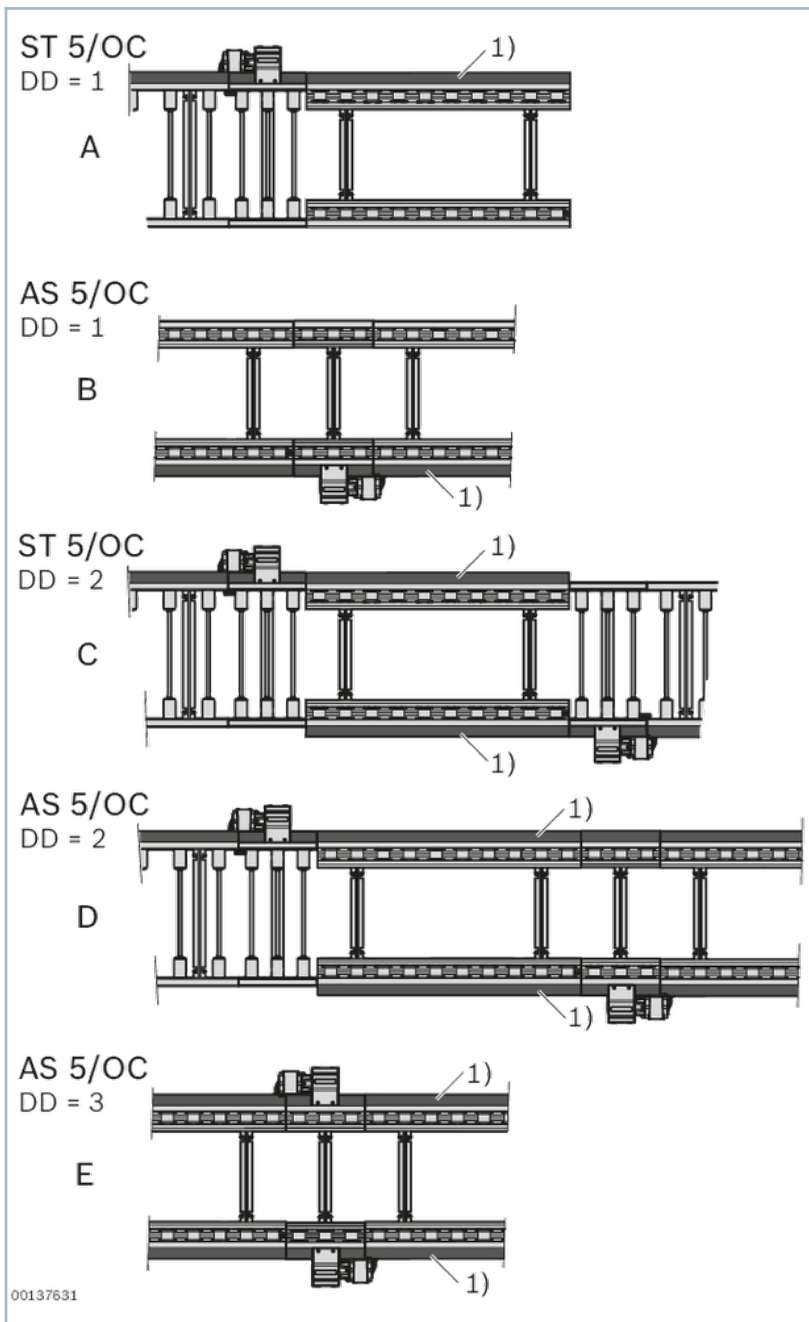


- Drive for ST 5/OC... conveyor units

- 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:** Please take account of the load center of gravity when selecting the drive

Product description

The TS 5 drive concept enables one- or two-sided drive of an Open Center section connected to adjacent sections. Depending on the loading situation, a separate AS 5/OC drive may not be required.



1) Drive side

A, B: Drive on one side

C, D, E: Drive on both sides

Load position off-center, within the permissible load area

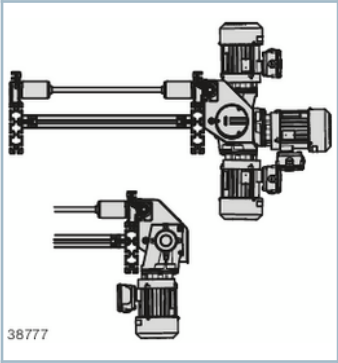
$b_{WT} \times l_{WT}$	m_{WTmax}	DD =	m_{WTmax}	DD =
455 x 455	100	1 ¹⁾	150	x ²⁾
455 x 650	160	1 ¹⁾	250	x ²⁾
650 x 650	160	1 ¹⁾	250	x ²⁾
650 x 845	200	1 ¹⁾	300	x ²⁾

845 x 845	200	1 ¹⁾	300	x ²⁾
845x 1040	200	1 ¹⁾	300	x ²⁾

- 1) Drive on one side is adequate (DD = 1)
- 2) Drive on both sides is necessary (DD = 2 or DD = 3)

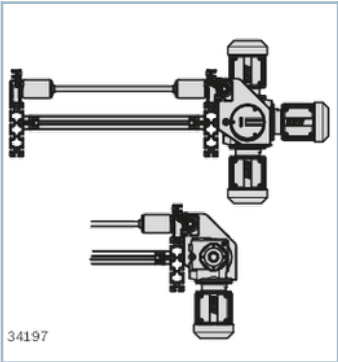
Attachment options for the gear motor

Standard



Attachment options for the gear motor

Customer-specific motor



[Drive unit selection](#)

[Drive layout](#)

Technical data

Material

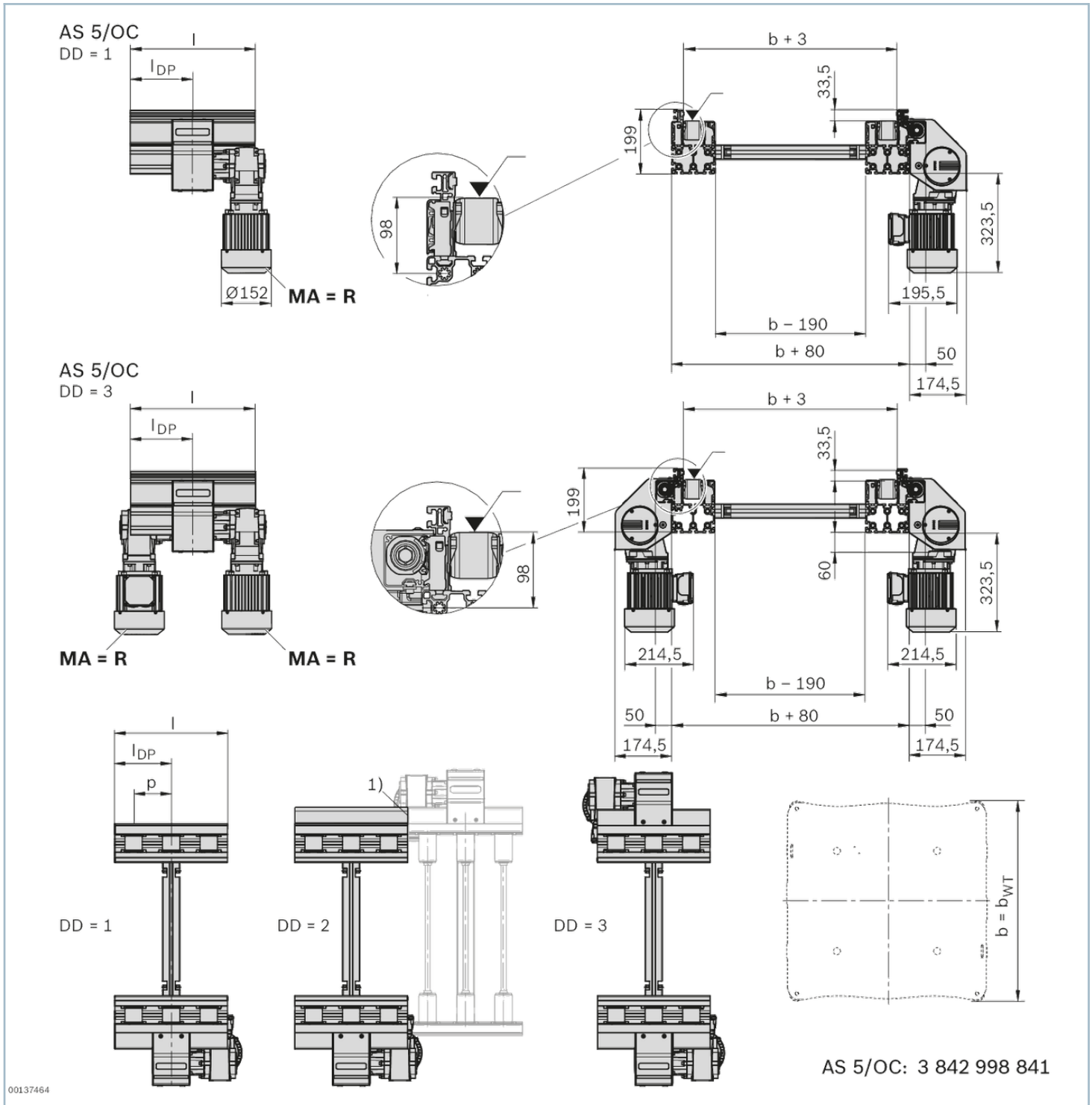
Shaft: brass

[Transport and nominal speed vN](#)

-

Dimensions

AS 5/OC drive module (Open Center), division p = 130 mm



1) DD = 2: Join the drive side without the gear motor to a gear-driven 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/OC
DD = 1

Side view dimensions:
 I_{DP}
 $\varnothing 152$ MA = R

Top view dimensions:
 $b + 3$
 $33,5$
 199
 $b - 190$
 $b + 80$
 50
 $174,5$
 $195,5$
 $323,5$

Front view details:
 98

AS 5/OC
DD = 3

Side view dimensions:
 I_{DP}
MA = R

Top view dimensions:
 $b + 3$
 $33,5$
 199
 $b - 190$
 $b + 80$
 50
 $174,5$
 $214,5$
 60
 $323,5$

Front view details:
 98

DD = 1, DD = 2, DD = 3 (Bottom row)
 p
 $1)$
 $b = b_{WT}$

30140

AS 5/OC: 3 842 998 841

DP = Drive position

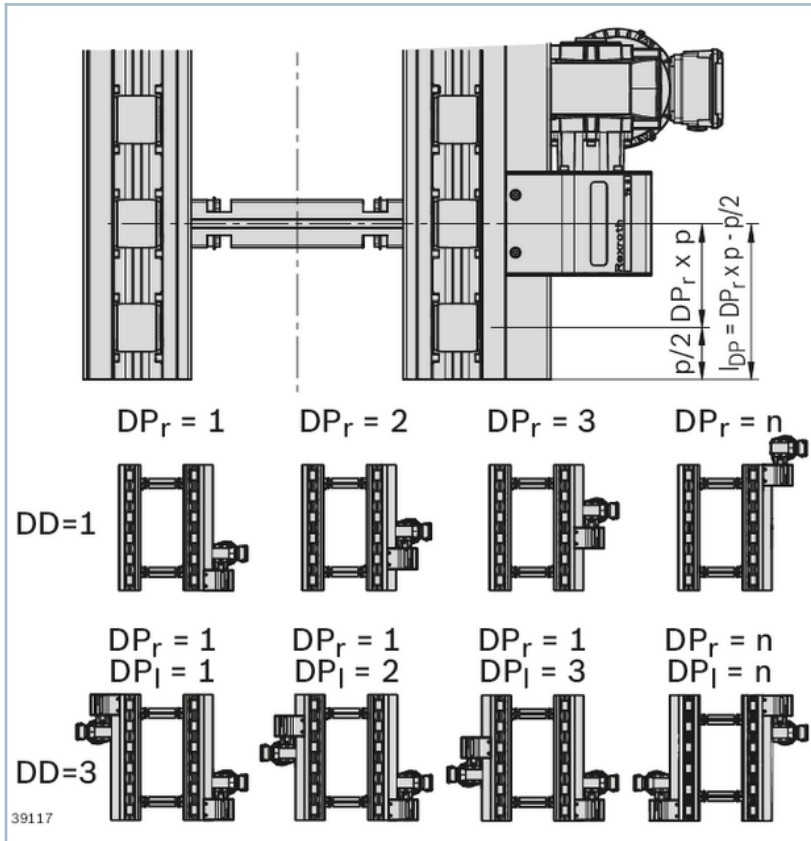
Information

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: $l_{DP} = DP \times p - p/2$

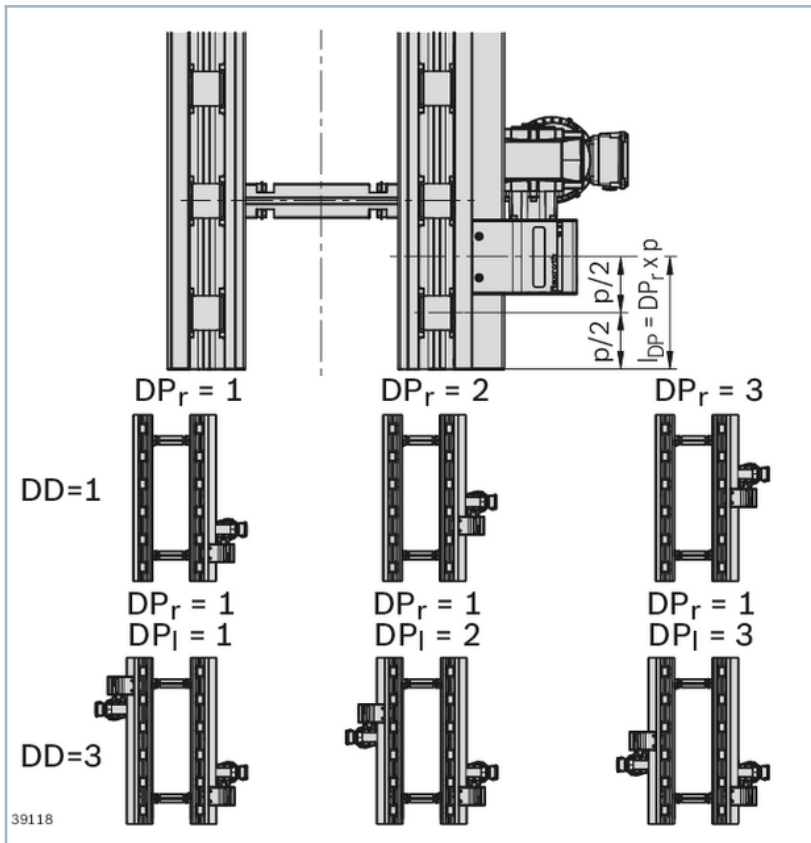
Example of $p = 130 \text{ mm}$ and $DP = 10$: $l_{DP} = 10 \times 130 \text{ mm} - 65 \text{ mm} = 1235 \text{ mm}$

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/OC Leg Set

- Leg sets for Open Center sections

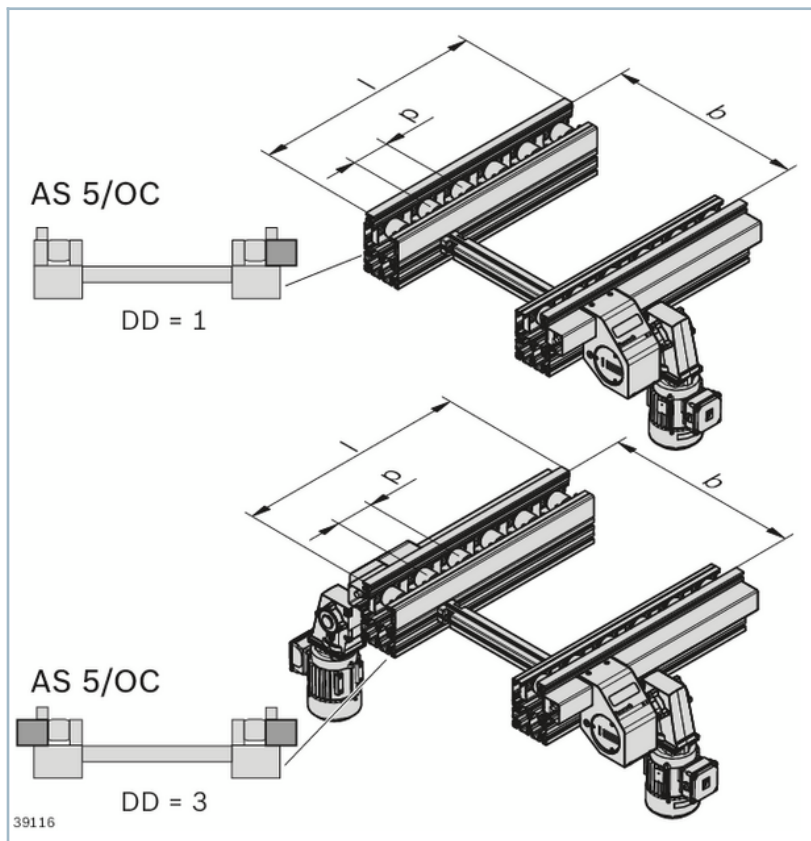
Delivery notes

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.		3842998841
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
DD	King shaft 1: On one side with 1 gear motor 2: On two sides with 1 gear motor 3: On two sides with 2 gear motors	1; 2; 3
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 _r /DP _i	Drive position	1; 2 ... n
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	No.
AS 5/OC drive units	3842998841