

Antriebsstation AS 5/H-FR für Rollenförderstrecken - Bosch Rexroth 3842998840

Item no. BRR-3842998840 **Manufacturer** Bosch Rexroth**Manufacturer no.** 3842998840

The AS 5/H-FR drive unit powers VarioFlow 5 roller conveyor lines, curves, diverters and junctions, supporting both accumulation and reversible operation. The gear motor mounts on either side of the transmission drive, with freely selectable motor position and conveyor length. Rated for ISO class 7 clean rooms and dry rooms below 1% RH.

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Germany
ESD-Ausführung	TEC
Weight	0.0099 kg
Zolltarifnummer	84313900



STANDARDS & COMPLIANCE

ESD safe

DESCRIPTION

The AS 5/H-FR drive unit is the central drive component for ST 5/...-FR conveyor units, CU 5/...-FR curves, DI 5/...-FR diverters, JU 5/...-FR junctions and the HQ 5/... lift transverse unit. It is supplied ready to install, with the gear motor enclosed separately for right- or left-hand mounting. Accumulation and reversible operation are both supported; an optional frequency converter extends speed control flexibility. A viewing window allows toothed-belt inspection without disassembly, and the quick-release cover reduces the required clearance to adjacent machines to just 20 mm.

- Gear motor mountable on left or right (MA = R/L) - motor position and conveyor length freely selectable
- Accumulation and reversible operation - versatile use in linked assembly systems
- Viewing window for belt inspection - no tools required for routine checks

- Quick-release cover - adjacent equipment can be positioned as close as 20 mm
- Suitable for ISO class 7 clean rooms and dry rooms below 1% RH
- Motor connection via plug/cable (AT = S) or terminal box (AT = K)

Technical data

Parameter	Value
Type	AS 5/H-FR
Article number	3842998840
Track width b	455 / 650 / 845 / 1040 mm
Length l (stepped to roller pitch)	390 ... 4160 mm
Roller pitch p	130 / 195 / 260 / 325 mm
Number of rollers	3 ... 12 / 16 / 21 / 32
Drive position DP	1 ... 11 / 15 / 20 / 31 (pitch-dependent)
Motor mounting MA	Left (L) or right (R)
Motor connection AT	S: cable/plug, K: terminal box
Lateral guide material LG	1: Steel, 2: Plastic, 3: Aluminium
Bevel gear material BG	1: Plastic, 2: Sintered metal
Roller material TR	1: Zinc-plated steel, 2: Nitrocarburised steel
Gear motor GM	0: without (SW27 interface), 1: with SW27, 2: without (SEW interface, round shaft dia. 20 mm)
Shaft material	Brass
Delivery condition	Ready to install; gear motor enclosed separately, right/left mounting possible
Clean room rating	ISO class 7
Dry room rating	< 1% RH
Weight	approx. 0.01 kg (drive unit without motor)