

Pneumatic Stop Gate VE 5/D-1000, Oil-Damped, Track Width 455-1040 mm - Bosch Rexroth 3842998805

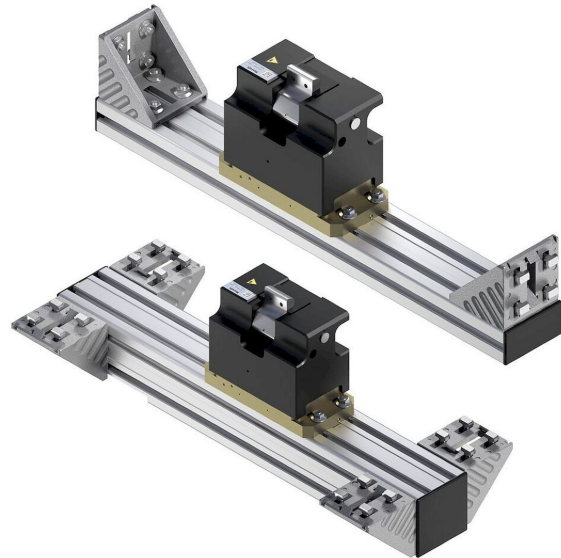
Item no. BRR-3842998805

Manufacturer Bosch Rexroth

Pneumatic stop gate for VE 5 series transfer systems, with oil damping for controlled, low-shock stopping of one or more accumulating workpiece pallets at the defined stop surface. Spring-closed in the de-energised state for inherent fail-safe operation. Supplied unassembled, including mounting hardware and push-in air connection 6 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
HS-Code	84313900
Weight	0.0099 kg



DESCRIPTION

The VE 5/D-1000 stop gate from Bosch Rexroth is a pneumatically actuated transport stopper with integrated oil damping for VE 5 series conveyor and transfer systems. It arrests one or more accumulating workpiece pallets at the defined stop surface with controlled deceleration. When compressed air is released, an internal spring returns the gate to the closed position, holding the pallet securely without any air supply. Available for track widths $b = 455, 650, 845$ and 1040 mm (order parameter).

- Oil damping for smooth, vibration-reduced stopping even at higher pallet weights up to 1000 kg
- Fail-safe design: spring-actuated closed position on pressure loss, no additional safety logic required
- Position feedback via up to 3 sensors (3842549811 or 3842549814) for latch up/down and damper retracted states
- Four track width options ($455, 650, 845, 1040$ mm) selectable as order parameter b
- Not compatible with ST 5/H-FR and ST 5/XH-FR at grid pitch $p = 130$ mm

TECHNICAL DATA

Specification	Value
Type	VE 5/D-1000
Actuation	Pneumatic, spring-return (closed when de-pressurised)

Specification	Value
Damping	Oil damping
Compressed air connection	5 ... 6 bar
Push-in air connection	ø 6 mm
Track width b (order parameter)	455 / 650 / 845 / 1040 mm
Max. pallet mass at v = 2 ... 9 m/min	1000 kg
Max. pallet mass at v = 2 ... 12 m/min	900 kg
Max. pallet mass at v = 2 ... 18 m/min	700 kg
Min. pallet mass	50 kg
Recommended sensors (position feedback)	3842549811 or 3842549814 (2x or 3x)
Delivery condition	Not assembled
Scope of delivery	Incl. fastening material for installation on conveyor section
Weight	0.0099 kg
Article number	3842998805