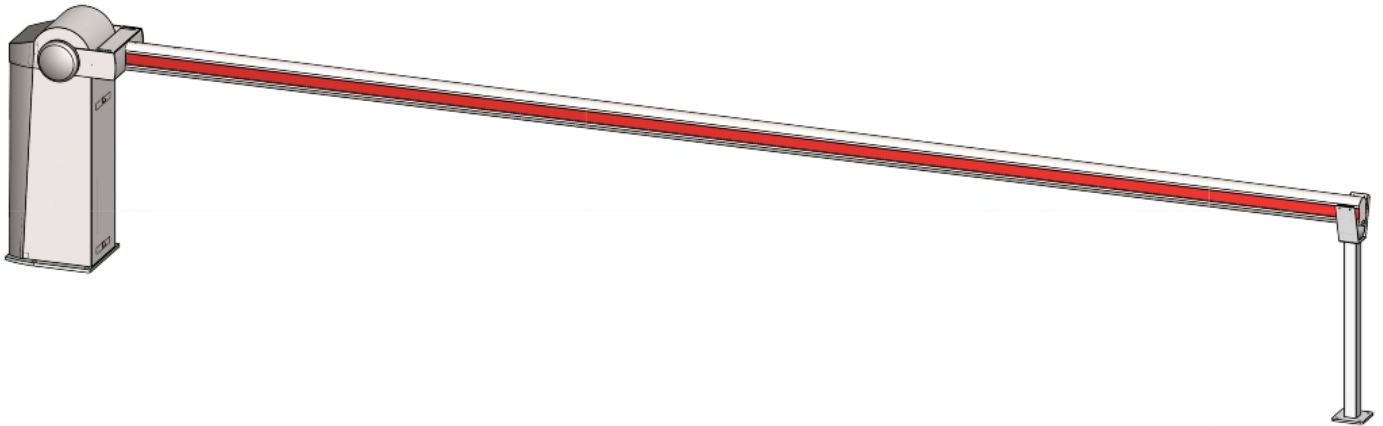


Performance text „electromechanical barriers“ Type KDS



Scope of application:

Drive-through barrier for driveways to company premises, event parks, public facilities etc.

Design type:

Stable electromechanical barrier system with a maximum opening moment of 1,5 KNm, consisting of TÜV type tested barrier with barrier housing and barrier boom with project-specifically dimensions and optional accessories.

Basic data:

Barrier width:	maximum up to 10 m without bracing the barrier boom
Barrier boom:	Aluminium profile, dimensions, dimensioning and equipment project specific
Barrier height:	1000 mm from top of floor
Opening time:	3 to 8 sec. depending on the barrier boom length
Barrier effect:	A robust barrier boom in connection with an optional barrier boom support
Barrier frame:	Stable welded steel construction fully galvanized and powder coated. The base plate of the frame can be screwed directly onto the foundation.
Barrier fork:	Stable welded steel construction fully galvanized and powder coated. Main shaft stainless steel, D=40mm, 2- sided bearing in pedestal housings and sealed deep groove ball

	bearings.
Barrier drive:	three-phase / worm geared drive motor with downstream double-chain drive
Drive motor:	Three-phase motor with 0.75KW, 400 VAC, 50 Hz
Rotation angle control:	Single Loop absolute encoder
Control:	<p>Electronical barrier control Feig FU22-A-B-C-CX with integrated frequency converter for the regulation of the speedprofiles and the optional functions:</p> <ul style="list-style-type: none"> - Wireless module - Wireless safety system - Induction loop evaluator - Light beam evaluation - Safety edge - Key switch - Evaluation of interface signals for remote control the barrier system, diagnosis, parameterization
Emergency opening:	Via winch
Barrier housing:	Robust metal construction made of 1,5mm stainless steel sheet, powder coated (customer-specific) and bolted to the barrier frame. For maintenance purposes, a simple disassembly is possible.
Accessories, optional	<ul style="list-style-type: none"> • Barrier boom support • Pendulum support • Hanging skirt • LED flashing light • LED- barrier boom • Safety edge • Induction loop • Light barrier/ Light curtain • Terminal • Remote control