



ELECTROMAGNETIC SPRING-APPLIED BRAKES

PRODUCTS							
	FDB	FDW	FDX	FLC	FDS	FDD	FDR
	Robust working or holding brake	Dust- and waterproof brake	Seawater resistant brake	Inexpensive holding brake	Encapsulated holding brake	Silent double brake	Double rotor brake
BRAKE TORQUE [Nm]	2-1500 *	2-600 *	75-4000 *	0,5-5	5-20	2x3,5-2x1200	125-1200 *
PROTECTION CLASS	IP54/55	IP66	IP67	IP54	IP65	IP54	IP54
SIZES	08 10 13 15 17 20 23 26 30 40	07 08 10 13 15 17 20 23 26 30	23 26 30 40 50	05 06 08	08 10 13	08 10 13 15 17 20 23 26 30 40	23 26 30
APPLICATIONS	Floor conveyors & Forklifts	---	---	---	Floor conveyors & Forklifts	---	Only recommended for horizontal installation! Vertical installation on request With the FDR double rotor brake, large braking torques can be achieved in small spaces
	Stage Technology	---	---	---	---	Stage Technology	
	Wind Turbines	Wind Turbines	---	---	---	---	
	Automatic Guided Vehicles (AGVs)	---	---	---	Automatic Guided Vehicles (AGVs)	---	
	Cranes	Cranes	---	---	---	---	
	Gantry Cranes	Gantry Cranes	Gantry Cranes	---	---	---	
	Gate operators	---	---	---	Gate operators	---	
	Hoists	Hoists	Hoists	---	---	---	
	Lifts	---	---	---	---	Lifts	
	Medical technology	---	---	Medical technology	---	---	
	Packaging machines	---	---	---	Packaging machines	---	
	Woodworking machines	Woodworking machines	---	---	---	---	
	---	Car washes	---	---	---	---	
	---	---	Offshore wind power	---	---	---	
	---	Shipping / Marine	Shipping / Marine	---	---	---	
	---	Steelworks	---	---	---	---	
	---	---	---	Stairlifts	---	---	
MORE INFO	Modular system	ATEX Zone 22	Axial cable for brake and micro switch/sensor	Low-priced/small size	Low cost	The type test according to EN 81 and BVG C1 for elevator brakes is available	To connect these brakes, we recommend our PMG fast excitation rectifier PMG 500-S
		Outdoor applications or aggressive environments	Customized terminal box		Compact design	Special noise reduction	
			Rugged and sealed/use in particularly harsh environments		Sealed all around	Redundant braking system	
FUTHER PRODUCTS ON REQUEST							Subject to change More details in the catalog

*Max. holding torque = standard brake torque Mb*15