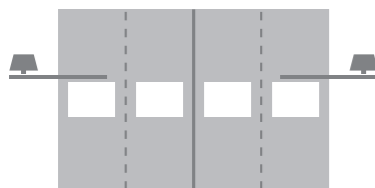
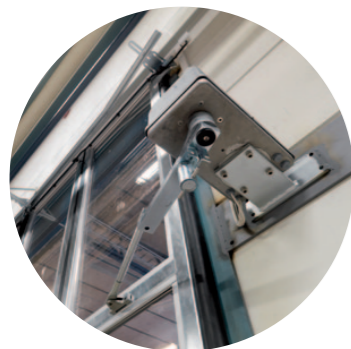


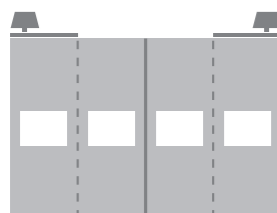
**Side mounting**



**Side mounting for larger folding doors**

Two operators runs a four-section folding door, or a single operator run a two-section door. This is by far the best mounting option for larger folding doors. It is a recommended solution for railway doors, for example, where a power cable runs to the top centre. This type of mounting does not require any additional space at the top. The normal opening time for this type of folding door mounting is around 10 seconds, with passage through the doors possible after around eight seconds (faster for smaller doors). The space needed at the side of doors can be reduced in special applications.

**Top corner mounting**



**Top corner mounting, requires no space at sides**

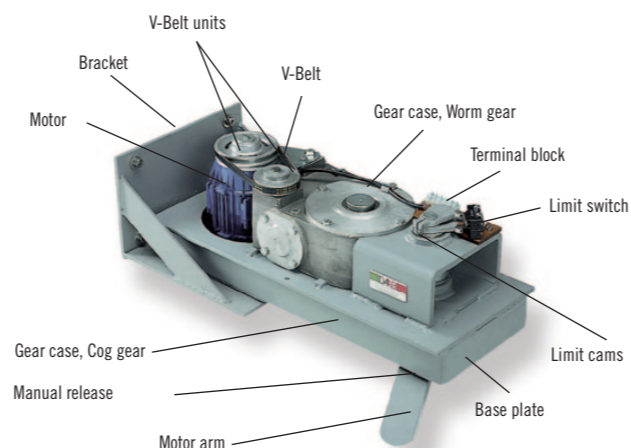
This method of mounting is often used in parking garages, where space at the sides is limited. Two operators runs a four-section folding door, or a single operator run a two-section door. This is the best mounting option for folding doors with limited space at the sides. The space needed at the top of doors can be reduced in special applications, by using a two-piece cover, for example. The normal opening time for this type of folding door mounting is around 17 seconds, with passage through the doors possible after around 10 seconds (faster for smaller doors).

**OPERATOR M10**

**M10 is used for the largest folding doors.** Consult FAAC for other applications. Electric motors are available for single phase, or three-phase, 230, 400 or 500 Volt. Twin worm gears type DAAB M10. The gear case is made of aluminium. **Worm gears:** The worm gears are made from special bronze and machined in special, highly-stable precision tools. All shafts have bearings well dimensioned for the purpose. The gears are self-locking and the gear case is filled with a synthetic lubricant that withstands temperatures down to - 45°C.

**MOUNTING OPTIONS**

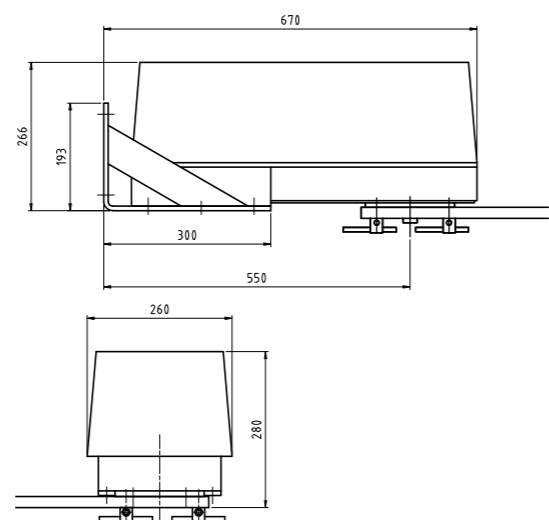
Please contact DAAB for any unique application.



MOTORBELT PULLEY mm	MOTOR OUTPUT kw**	REVS rpm	CURRENT A	GEAR RATIO i	OUTPUT REVS rpm	TORQUE Nm	OPENING TIME sec*
40	0,37	1400	0,93	2650	0,53	2600	56
50	0,37	1400	0,93	2100	0,66	2100	45
71	0,37	1400	0,93	1500	0,94	1500	32
100	0,37	1400	0,93	1050	1,33	1065	23
125	0,37	1400	0,93	850	1,66	850	18
140	0,37	1400	0,93	750	1,85	760	16

\*) Opening times apply to standard arms where the operator arm rotates 200° during opening/closing. \*\*) Applies to 3-phase, 400 V.

**OPERATOR M10**



Base plate in hot-dip galvanized steel, cover in stainless steel.



FAAC NORDIC AB

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www.faac.se

**Operators for folding doors**



Although our philosophy may be simple – “To develop and manufacture first-class drive equipment for installation on gates, doors and barriers” – we have manufactured swing gate operators for more than 35 years according to this straightforward motto, so perhaps it comes as no surprise that our operators open and close hundreds of thousands of gates in arctic cold and desert heat alike. We never compromise on quality, which is why our operators can be found in locations wherever high security and reliability is in demand, such as Sweden’s central bank, correctional institutions, harbours, airports and industries all over the world.

DAAB operators are available in various speeds suited to the size of the gate. The operators are self-locking, which means that it is not possible to open or close a gate manually without releasing the operator arm. The manual-release mechanism is an easy-to-operate, lockable T-bolt. Thanks to a variety of different brackets and arm systems we are able to provide a solution for any gate, whether it be a special solution or a purely specialized variant. FAAC operators – quality and attention in every detail.



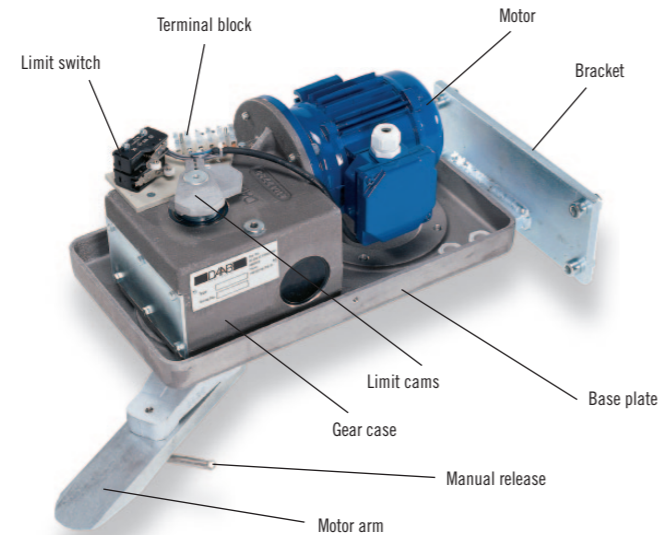
www.faac.se

**OPERATOR MT AND MT1H**

**MT and MT1H are used on smaller folding doors.** Consult FAAC for other applications. Electric motors are available for single phase, or three-phase, 230 or 400 Volt. Twin worm gears type DAAB MT. The gear case is manufactured in aluminium. **Worm gears:** The worm gears are made from special bronze and machined in special, highly-stable precision tools. All shafts have bearings well dimensioned for the purpose. The gears are self-locking and the gear case is filled with a synthetic lubricant that withstands temperatures down to - 45°C.

**MOUNTING OPTIONS**

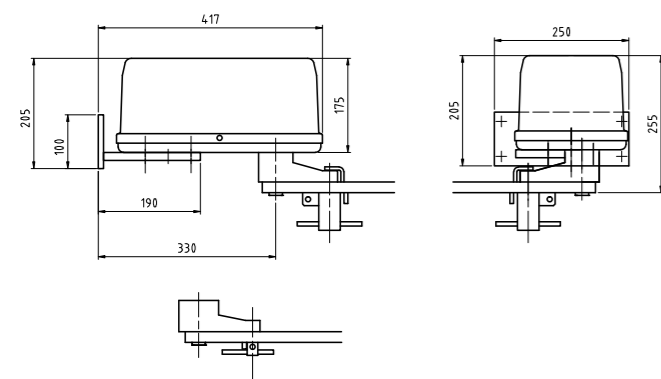
- 4-section Side mounting: max B x H=4,5 x 4,5 m.
- 4-section Std. top mounting: B x H=3 x 3 m.
- 4-section Limited top mounting: B x H=3,5 x 3,5 m.
- 4-section Top corner mounting: B x H=4,5 x 4,5 m.



MOTOR OUTPUT kW**	REVS rpm	CURRENT A	GEAR RATIO i	OUTPUT REVS rpm	TORQUE Nm	OPENING TIME sec*
0,25	1400	0,45	750	1,90	550	16
0,25	2800	0,45	750	3,80	275	8

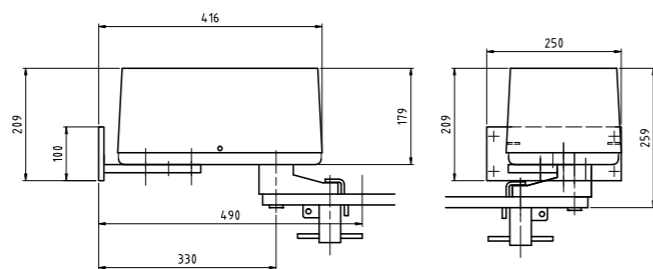
\*) Opening times apply to standard arms where the operator arm rotates 200° during opening/closing. \*\*) Applies to 3-phase, 400 Volt.

**OPERATOR MT**



Base plate in silumin, cover in plastic.

**OPERATOR MT1H**



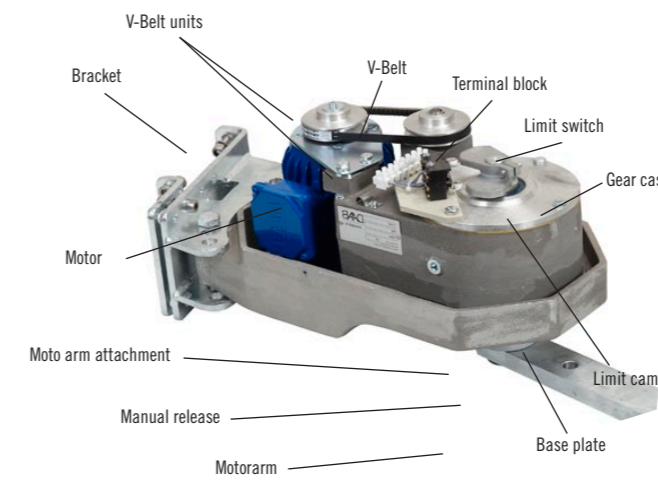
Base plate in hot-dip galvanized steel, cover in stainless steel.

**MOTORIZED OPERATOR MK AND MK1H**

**MK and MK1H are used on larger folding doors.** Consult FAAC for other applications. Electric motors are available for single phase, or three-phase, 230, 400 or 500 Volt. Twin worm gears type DAAB MK. The gear case is manufactured in aluminium. **Worm gears:** The worm gears are made from special bronze and machined in special, highly-stable precision tools. All shafts have bearings well dimensioned for the purpose. The gears are self-locking and the gear case is filled with a synthetic lubricant that withstands temperatures down to - 45°C.

**MOUNTING OPTIONS**

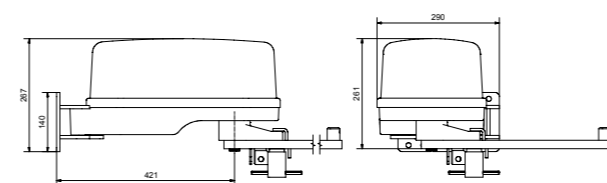
- 4-section Side mounting: max B x H=8 x 6 m.
- 3-section Standard top mounting: B x H=3,5 x 4,5 m.
- 4-section Standard top mounting: B x H=4,5 x 4,5 m.
- 4-section Limited top mounting: B x H=5 x 5 m.
- 4-section Limited top mounting: (dual motors) B x H=6 x 5 m.
- 4-section Top corner mounting: B x H=6 x 6 m.



MOTORBELT PULLEY mm	MOTOR OUTPUT kW**	REVS rpm	CURRENT A	GEAR RATIO i	OUTPUT REVS rpm	TORQUE Nm	OPENING TIME sec*
40	0,37	1400	0,93	1400	1,00	1600	30
50	0,37	1400	0,93	1150	1,25	1275	24
71	0,37	1400	0,93	800	1,77	900	17
100	0,37	1400	0,93	570	2,49	650	12
125	0,37	1400	0,93	450	3,12	510	9
140	0,37	1400	0,93	400	3,49	450	8

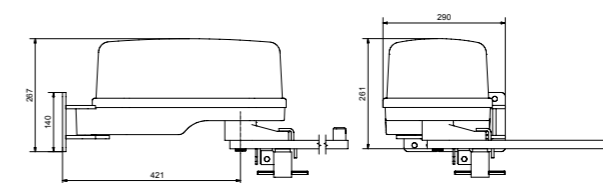
\*) Opening times apply to standard arms where the operator arm rotates 200° during opening/closing. \*\*) Applies to 3-phase, 400 Volt.

**OPERATOR MK**



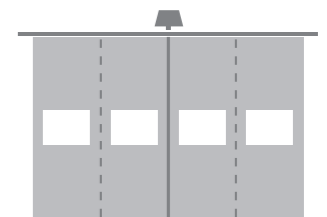
Base plate in silumin, cover in plastic.

**OPERATOR MK1H**



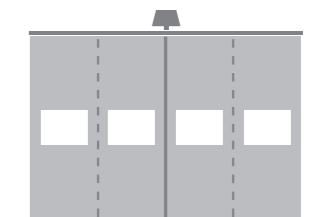
Base plate in hot-dip galvanized steel, cover in stainless steel.

**Top centre mounting**



**Top centre mounting with standard arm system**

One single operator run a four-section folding door. This type of top mounting is the simplest and least expensive option, although it does require some space above and to either side of the door. Recommended for slightly smaller doors. The normal opening time for this type of mounting is around 12 seconds, with passage through the doors possible after around eight seconds. The space needed at the top of doors can be reduced in special applications.



**Top mounting with arm system, where side space is limited**

One single operator run a four-section folding door. This method of top mounting is stronger and places less stress on the door panels. It can operate faster and handle slightly larger doors. It also requires no more space at the sides than required by the door itself. The space requirement above the door can be minimised by using a two-piece cover or by inverted mounting. The normal opening time for this type of folding door mounting is around eight seconds.