



# Drive units for sliding doors

The DAAB drive unit type M2-K is available in two sizes both of which are designed for heavy duty industrial applications.

One drive unit can operate a double leaf sliding door.

**M2-600K**



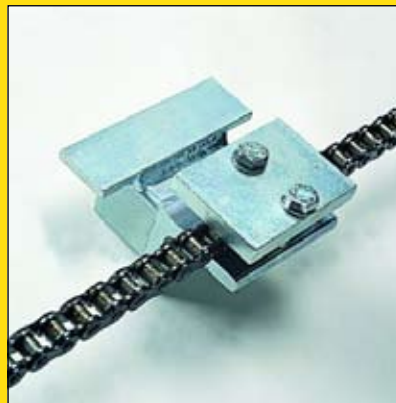
**M2-1200K**



*The drive units are mounted on specially designed brackets with wall mounting plates. In the event of power failure the gearbox may easily be disengaged by the use of a handle or chain. Wall mounted proximity switches are also provided.*



*For clear openings in excess of 5000mm we recommend the use of support rollers in the centre of the chain.*

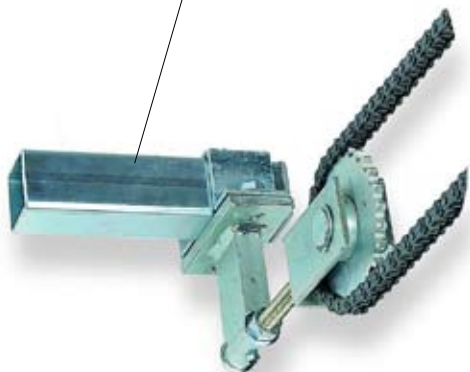


*Chain clamp for a sliding door.*



*Electro-magnetic emergency release for 'means of escape' doors.*

Idler sprocket with support bracket



Drive chain

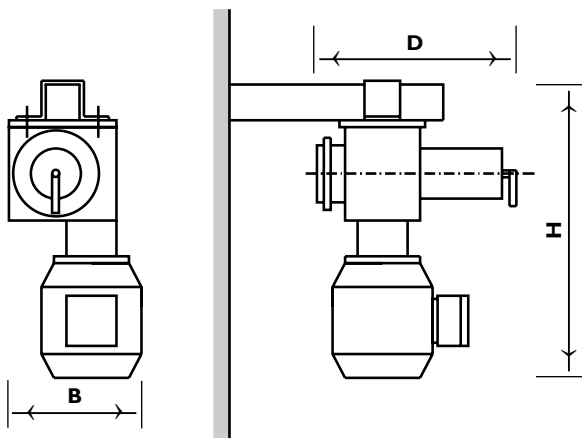
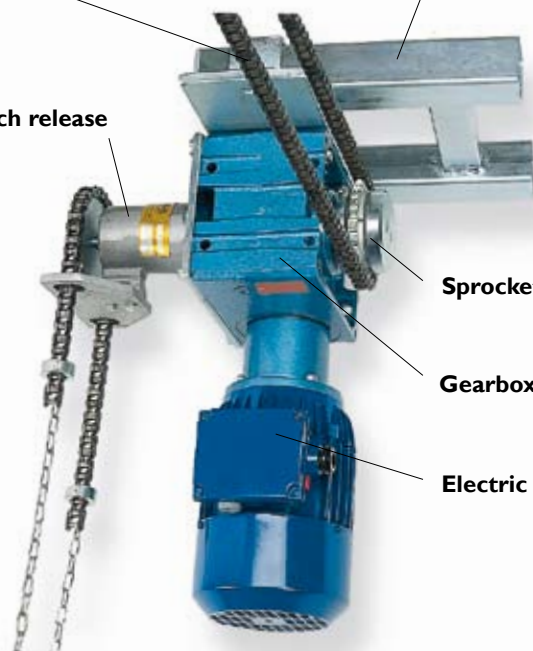
Support bracket

Clutch release

Sprocket

Gearbox

Electric motor



	M2-600K	M2-1200K
W	190	340
H	425	520
D	300	330

### MOTOR - 3 PHASE 220-240/380-415V.

The construction, rated output and dimensions, are in accordance with ISO Standard IEC 34-1 and 72 and Swedish standards SS 4260101 & SS 4260102.

The casing, stator and bearing housings are made from aluminium alloy.

### LIMIT SWITCHES

Mechanical with one making and one breaking contact.

### SINGLE STAGE OIL FILLED WORM GEAR BOX

Gearbox housing is made of aluminium (M2-600K) or cast iron (M2-1200K).

#### Worm gear:

The worm gear wheel is made from a special bronze material and the teeth are machine cut to a very high degree of accuracy. The worm gears are made of high quality alloy steel, and the helical teeth are precision ground on modern CNC machines.

All gearbox shafts run on ball bearings. This worm gear system is 'self locking' and lubricated by synthetic oil capable of operating in temperatures as low as -45°.

DRIVE UNIT type	MAX door weight kg	MOTOR OUTPUT kW	MOTOR SPEED r/m	CURRENT A	CLUTCH type	CHAIN type	OUTPUT SHAFT r/m	TORQUE Nm	OPENING TIME m/s
M2- 600K	600	0,37	1400	0,93	Friction clutch	1/2"	28	63	0,2
M2-1200K	1200	0,55	1400	1,2	Friction clutch	1/2"	28	93	0,2

Specifications may change without notification.

DAAB

