

Metalbilt Doors

SECURITY GRILLE & SHUTTER SELECTION CHART MB-AL-SEL

01/09/2023

PRODUCT TYPE MAXIMUM SIZES (HEIGHT X WIDTH)	1. Spring Balanced (Manually pull up & down)	2. Manual Handchain	3. Standard Metalbilt Motorising (GB) 3 Phase Gearbox 185mm/sec	4. LCM Motorising 1 Phase 150mm/sec	5. Internal Barrel Motorising (IBM) 1 Phase 150mm/sec	6. MFZ Motorising 1 Phase 160mm/sec	7. High Cycle Motorising 3 Phase 185mm/sec	8. Metalbilt 66T Motorising (GB) 3 Phase Gearbox 115mm/sec	9. Metalbilt Medium Duty Motorising (MD) 3 Phase 92mm/sec
Standard Aluminium Shutter	3H x 4W			4.5H x 5.75W	4.5H or 5.75W, Max 18m2				
Series 3 Aluminium Shutter		4.5H x 5.25W	6H or 8W, Max 30m2.	4.5H or 6W, 15m2	4.5H or 4.75W, 12m2	4.5H x 5.25W	4H x 5.25W	6H or 8W, From 30m2 to Max 40m2	6H or 8W, From 40m2 to Max 45m2
Clearspan Shutter	3.5H x 4W			4H x 5W	4H x 5W				
12mm Aluminium Grille	3.5H x 4W			4H x 5.5W	4H x 5.5W				
19mm Aluminium Grille	3.5H x 4W	4.5H x 5.25W	6H or 10W, Max 30m2. see 8. & 9. for larger sizes	4.5H or 8W, 30m2	4.5H or 8W, 25m2	4.5H x 6W	4H x 6W	6H or 10W, From 30m2 to Max 40m2	6H or 10W, From 40m2 to Max 45m2

Guidance Notes for Selection

- Select **Product Type** from L.H. column
- Select the means of **Operation** from top row. Consider application of door before selecting motorising option.
- Product Type** and **Operation** must be within door Maximum Size criteria shown assuming minimal windloading.
- #3. GB, #8. 66T-GB & #9. MD recommended motorising to provide the highest level of durability for respective product.
- #4. LCM Motorising is for smaller low use doors. Automatic handchain override. Ensure access for maintenance.
- #5. Internal Barrel Motor (IBM) is built into the inside of the door barrel. Manual crank handle override. Ensure access for maintenance.
- High Cycle Motorising recommended if over 30 cycles/day. Service contract recommended.
- For higher speed options or oversized doors refer to Engineering Department.
- Logic Controllers - fully automated door controller with building management system integration options.
- Controller pushbuttons should be positioned to ensure visibility of the opening and not be accessible by the general public.
Consider use of a key switch to minimise the risk of operation by untrained users.

Whilst every endeavour is made to keep this specification up to date changes may be made without notice and without incurring obligation.

MOTOR CONTROL OPTIONS	OPTIONS
Standard UP/Down Push Buttons (inching)	3, 4, 5, 6, 7, 8, 9
Maintained UP* with inching DOWN	3, 6, 7, 8, 9
Keyswitch Control	3, 4, 5, 6, 7, 8, 9
Radio Remote Control	3, 4, 5, 6, 7
Logic Controllers	3, 6, 7, 8, 9

* If maintained DOWN operation is required, a controller must be used in conjunction with safety beams.