

METALBITL DOORS SECURITY GRILLE & SHUTTER SELECTION CHART

MB-AL-SEL

12/01/2017	Operation Methods								
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. Low Cycle Motorising (LCM) 1 Phase 150mm/sec	5. Internal Barrel Motorising (IBM) 1 Phase 150mm/sec	6. Metalbilt Gearbox Motorising (GB) 1 Phase 185mm/sec	7. High Cycle Motorising (GB) 3 Phase Brake 185mm/sec	8. Metalbilt 66T Motorising (GB) 3 Phase Gearbox 115mm/sec	9. Metalbilt Medium Duty Motorising (MD) 3 Phase 92mm/sec
<i>Standard Aluminium Shutter</i>	3H x 4W	-	-	5H x 5.75W	5H or 5.75W, Max 18m ²	-	-	-	-
<i>Series 3 Aluminium Shutter</i>	-	3H x 4W	6H or 8W, Max 30m ² . see 8. & 9. for larger sizes	5H or 6W, 15m ²	4.75H or 4.75W, 12m ²	4H x 6W	4H x 6W	6H or 8W, From 30m ² to Max 40m ²	6H or 8W, From 40m ² to Max 45m ²
<i>Clearspan Shutter</i>	3.5H x 4W	-	-	4H x 5W	4H x 5W	-	-	-	-
<i>12mm Aluminium Grille</i>	3.5H x 4W	-	-	4H x 5.5W	4H x 5.5W	-	-	-	-
<i>19mm Aluminium Grille Light Commercial (LC)</i>	3.5H x 4W	-	-	5H or 8W, 30m ²	5H or 8W, 25m ²	-	-	-	-
<i>19mm Aluminium Grille Heavy Duty Commercial (HD)*</i>	-	4H x 6W	6H or 10W, Max 30m ² . see 8. & 9. for larger sizes	-	-	4H x 6W	4H x 6W	6H or 10W, From 30m ² to Max 40m ²	6H or 10W, From 40m ² to Max 45m ²
<i>19mm Stainless Steel Grille Light Commercial (LC)</i>	-	-	-	4H x 4.5W	4H x 4.5W	-	-	-	-

Guidance Notes for Selection

- a) Select **Product Type** from L.H. column
- b) Select the means of **Operation** from top row. Consider application of door before selecting motorising option.
- c) **Product Type** and **Operation** must be within door Maximum Size criteria shown assuming minimal windloading.
- d) **#3. GB, #8. 66T-GB & #9. MD** recommended motorising to provide the highest level of durability for respective product.
- e) **#4. Low Cycle Motorising (LCM)** is for smaller low use doors. Automatic handchain override. Ensure access for maintenance.
- f) **#5. Internal Barrel Motor (IBM)** is built into the inside of the door barrel. Manual crank handle override. Ensure access for maintenance.
- g) **High Cycle Motorising** recommended if over 30 cycles/day. Service contract required.
- h) For higher speed options or oversized doors refer to Engineering Department.
- i) Logic Controllers - fully automated door controller with building management system integration options.

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.

