

METALBILT DOORS STEEL ROLLER SHUTTER SELECTION CHART

MB-RS-SEL

23/11/2017	Operation Methods								
	1. Spring Balanced (Manually pull up & down)	2. Manual Handchain	3. Standard Metalbilt Motorising (GB) 3 Phase Gearbox 186mm/sec	4. LCM Motorising 1 Phase 150mm/sec	5. Internal Barrel Motorising (IBM) 1 Phase 150mm/sec	6. DH-50 Motorising 1 Phase 160mm/sec	7. High Cycle Motorising 3 Phase 186mm/sec	8. Metalbilt 66T Motorising (GB) 3 Phase Gearbox 115mm/sec	9. Metalbilt Medium Duty Motorising (MD) 3 Phase 92mm/sec
Maximum Sizes	3H x 3W	4H x 5.25W	6H or 8W, Max 33m ² see options 8 & 9 for larger sizes	4.5H x 5.25W	4.5H or 4.25W, Max 12m ²	4.5H x 5.25W	3H x 5.25W	7.5H or 8W, From 33m ² to Max 42m ²	7.5H or 8W, From 42m ² to Max 45m ²

Guidance Notes for Selection

- a) Select the method of **Operation** from top row. Consider application of door before selecting motorising option.
- b) **Operation** must be within door Maximum Size criteria.
- c) **#3. - Standard Metalbilt 3ph Gearbox Motorising (GB)** is recommended to provide the highest level of durability and service life.
- d) **#4. - LCM Motorising** is for smaller low use doors where 3 phase power is not available.
- e) **#5. - Internal Barrel Motor (IBM)** is built into the inside of the door barrel. Please consider access for servicing.
- f) **High Cycle Motorising** recommended if over 30 cycles/day. Service contract required. Note: Additional sideroom required.
- g) For higher speed options or oversized doors refer to Engineering Department.
- h) Motor cover recommended for doors below 2.4 metre high (3,4,6 & 7) unless otherwise guarded.
- i) Logic Controllers - fully automated door controller with building management system integration options.
- j) 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 & 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
Auto-engaged emergency handchain option (specify if required)	3, 4, 6, 7, 8

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

