

## METALBIT DOORS STEEL ROLLER SHUTTER SELECTION CHART

MB-RS-SEL

26/08/2013

### Operation Methods

	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
Maximum Sizes	3H x 3W	4H x 6W	5H or 8W, Max 33m <sup>2</sup> . see 5d. & 6. for larger sizes	4.5H x 5.2W	4.5H or 4.25W, Max 12m <sup>2</sup>	4H x 6W	3H x 6W (GB) 4.5H x 6W (MD)	7.5H or 8W, From 33m <sup>2</sup> to Max 40m <sup>2</sup>	7.5H or 8W, From 40m <sup>2</sup> to Max 45m <sup>2</sup>

#### 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. - Low Cycle Motorising (LCM)** 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 50 cycles/day. Service contract required.
- g) For higher speed options or oversized doors refer to Engineering Department.

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)	<b>3, 4, 5, 6, 7, 8, 9</b>
Maintained UP* with Inching DOWN	<b>3, 6, 7, 8, 9</b>
Keyswitch Control	<b>3, 4, 5, 6, 7, 8, 9</b>
Radio Remote Control	<b>3, 4, 5, 6, 7</b>
Logic Controllers	<b>3, 7</b>
* if Maintained DOWN operation is required, a Controller must be used in conjunction with safety beams.	

