

Roller Shutters, Grilles, & Folding Doors

BX	TYPE	Aluminium Roller Shutter			Polycarbonate Roller Shutter	Aluminium Roller Grille		Aluminium Folding Door	Roll Formed Steel Roller Shutter		Fire Resistant Steel Roller Shutter
	PRODUCT	Slimline	Arcade 2	Arcade 3	Clear Roller	Casino (Grille)	Stadium (Grille)	Mikado	Q75	Q100	Q100F (Fire Rated)
Max Height (mm)		Motorised 4000 Manual 3000	4000 3000	5000 3000 11500	4000 3000 5500	4000 3000 5500	4500 3000 7850	N/A 3600 N/A	5000 (0.6mm) 5500 (0.8, 1.2mm) 5500 (0.6mm)	6000 (0.8mm) 10000 (1.0, 1.2mm) 8000 (0.8mm)	6000 9000
Max Width (mm)		Motorised 5500 Manual 3000	5500 3000	3000	3000	3000	3000	No specified max	5900 (0.8mm)	10500 (1.0mm)	
Slat/Curtain/Panel/Infill Profile	Extruded aluminium slat / panel	43mm x 1.4mm	75mm x 1.5mm	118mm x 1.4mm				150mm or 300mm wide x 3mm thk solid			
	Clear polycarbonate slats / panel				100mm x 1.5mm			3mm clear			
	aluminium joiners				30mm						
	aluminium tubes					12mm @ 50mm t	19mm @75mm t				
	links					Nylon	Aluminium				
Ventilation Options	Steel Slat Profile								75mm galvanised steel 0.6mm, 0.8mm, 1.0mm	100mm galvanised steel 0.8mm, 1.0mm, 1.2mm	100mm galvanised steel 1.0mm
	Steel Slat Thickness										
	Multi-hole perforation		•	•	Perforation on aluminium joiners			3mm perforated aluminium	•	•	
	Oval slots		92x25mm oval slots	195x75mm to 575x75mm slots					100x25mm slots	60x40mm slots	
	Solid curtain	Solid curtain									Solid curtain only
Side Guides	Open grille design					Open grille design for high airflow	Open grille design for high airflow				
	Extruded aluminium	50mm x 33mm	50mm x 33mm	105mm x 35mm	50mm x 33mm	50mm x 33mm	105mm x 35mm (motorised) 50mm x 33mm (manual)				
	Silencer							N/A	57 x 50mm	102 x 47mm	
	Windlock							N/A	70 x 32mm	103 x 48mm	
	Heavy-Duty Windlock							N/A		133 x 125mm	
Track	Steel Profile							N/A			103mm - 135mm x 38mm x 3mm galvanised steel
	Overhead aluminium	N/A	N/A	N/A	N/A	N/A	N/A	36mm x 42mm	N/A	N/A	N/A
	Extruded aluminium	90mm	90mm	120mm	90mm	90mm	100mm double aluminium angle	N/A	Extruded aluminium or heavier options for cyclonic regions	50x50x3mm	
	Galvanised angle							N/A	Extruded aluminium or heavier options for cyclonic regions	50x50x3mm galvanised angle	2 x 50x50x5mm steel angle back-to-back
Roller Drum	Spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	203mm or 229mm spiral ducted tube	N/A			
	Spring balanced steel tube (size varies)			•					•	Up to 8000W x 8000H	Up to 6000W x 6000H
	Springless steel tube (size varies)	•	•	•	•			N/A	•	•	•
Locking	2-way mortise key	•	•		•	•					
	Shoot bolt (manual)	•	•		•	•	Sliding shoot bolts		•	•	
	Motor locking	•	•	•	•	•	•		•	•	•
	Other		Optional waist-high locking.	Centrally mounted lock (not recommended for motorised)			Optional waist-high locking	Custom designed lockset in 54mm x 32mm lead post	Shoot bolt (manual) or motor locking		
Operation	Manual	•	•	•	•	•	•	Manual (hand push/pull)	Manual (<6m²)	Manual (<6m²)	
	Chain				•		•		Chain (<25m²)	Chain (<25m²)	Chain (<16m²)
	Motorised	•	•	•	•	•	•		•	•	•
	Other			Central drum motor							
Finish	Clear Anodised	•	•	•	•	•	•				
	Powdercoat	•	•	•	•	•	•	•	Powdercoat (slats only)	Powdercoat (slats only)	
	Matte Natural Anodised							•			
	Galvanised								•	•	•
	Prime Painted								•	•	Pre-painted ≤ 60µ
Fire Rating	Zincalume										•
	FRL								N/A	N/A	-/120/- or -/240/- (AS1530.4)
Stacking Detail		N/A	N/A	N/A	N/A	N/A	N/A	Single or bi-parting configuration, curved track available	N/A	N/A	N/A
Wind Rating		Designed to AS 4055-2021 & AS/NZS 1170.2-2021	N/A	N/A	N/A	N/A	N/A	N/A	Non-Cyclonic Cyclonic Non-Cyclonic Cyclonic N1N2N3N4N5N6 C1C2C3C4 N1N2N3N4N5N6 C1C2C3C4 ●●●●●● ●●●●●● ●●●●●● ●●●●●●	N/A	
Motors	SIMU in-drum motor (0.5 HP, 240V)	•	•	•	•	•	•	N/A			
	Grifco LR drive	•	•	•	•	•	•	N/A			
	Central drum motor (1 or 3 ø)	•	•	•	•	•		N/A			
	Industrial worm & wheel reduction gearbox						•	N/A			
	0.75HP to 2.0HP industrial openers				•		•	N/A	•	•	
	Industrial fire shutter opener										•
Duty Cycle		Low cycle (3 mins every 20 mins)	Low cycle (3 mins every 20 mins)	Suitable for high use environments	Low cycle (3 mins every 20 mins)	Low cycle (3 mins every 20 mins)	Door System Dependent	N/A	Standard (10 mins/hr) or High Cycle options available	Standard (10 mins/hr) or High Cycle options available	Automatic closure in fire event
Speed		Door System Dependent	Door System Dependent	Door System Dependent	Door System Dependent	Door System Dependent	Door System Dependent	Not applicable	Door System Dependent	Door System Dependent	Controlled descent on fusible link activation
Acoustic Properties		Optional nylon felt/mohair buffer for quieter operation	Optional nylon felt/mohair buffer for quieter operation	Optional rubber twin-fin/mohair felt for quieter operation	Optional nylon felt/mohair buffer for quieter operation	Optional nylon felt/mohair buffer for quieter operation	Optional rubber twin-fin/mohair felt for quieter operation	Dependent on panel infill	Nylon end clips and guide strips for noise reduction	Nylon end clips and guide strips for noise reduction	Not specified
Thermal Properties		Not specified	Not specified	Not specified	Not specified	Not applicable	Not applicable	Dependent on panel infill	Not specified	Not specified	Insulation value not specified, provides fire separation