



Metalbilt® Vented Steel Roller Shutters

Applications

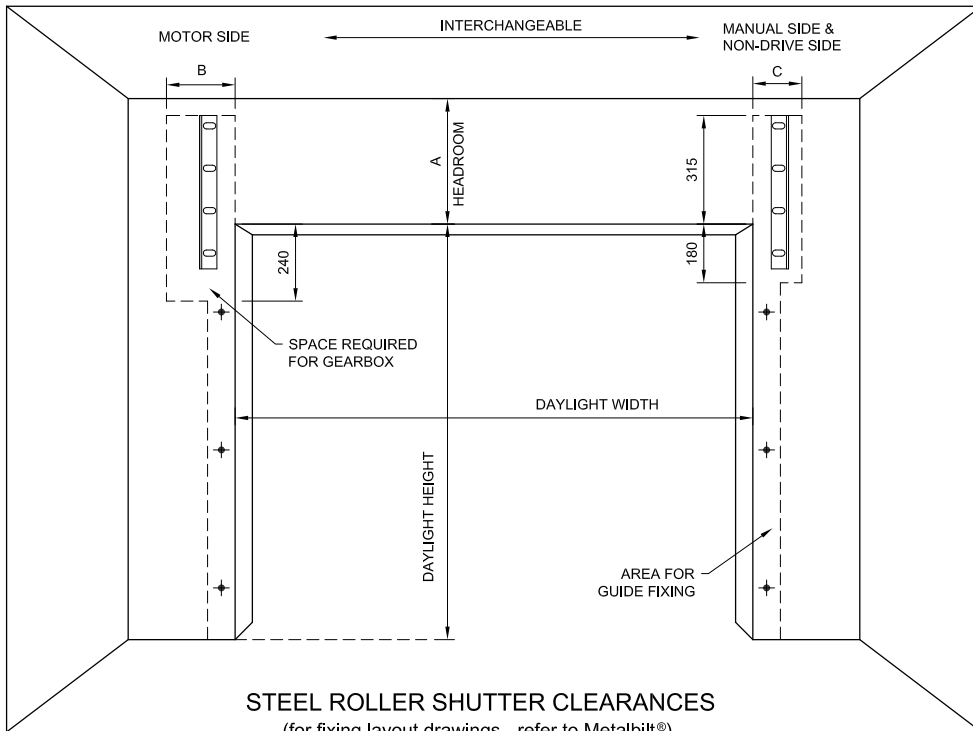
Carpark roller shutter doors, shopping arcades, internal warehouse and store doors, anywhere air flow or vision is required.

Features

- Ventilation slots evenly distributed
- Quantity and position of slots can be varied
- Ventilation area provides 18% airflow
- Only available in 0.75mm slat
- Individual slats for easy maintenance
- Available in powder coat finish
- Slot size 32mm x 72mm

*55 years of manufacturing experience and continuous refinement.
Service and repairs, 24 hours a day, on all makes of commercial doors.*

Metalbilt® Vented Steel Roller Shutters – Specifications



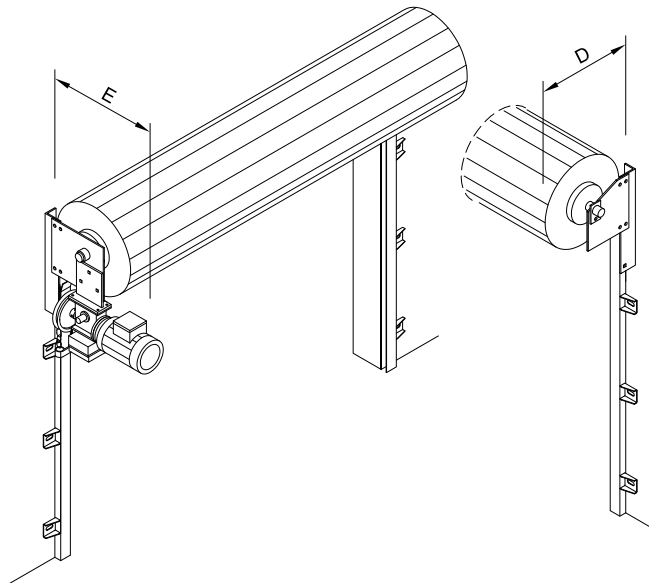
STEEL ROLLER SHUTTER CLEARANCES
(for fixing layout drawings - refer to Metalbilt®)

HEIGHT OF OPENING	HEAD ROOM ₁	STANDARD GUIDE SIDEROOM ₂		WINDLOCK GUIDE SIDEROOM ₂		INSIDE PROJECTION BARREL	INSIDE PROJECTION MOTOR ₃	INSIDE PROJECTION MANUAL HAND CHAIN
		Motor	Non-drive & Manual	Motor	Non-drive & Manual			
(m)	A	B	C	B	C	D	E	E
0 - 4.0	450	215	145	260	190	400	550	430
4.0 - 4.5	450	215	145	260	190	430	580	430
4.5 - 5.0	465	215	145	260	190	435	580	460
5.0 - 6.0	475	215	145	260	190	445	580	N/A
6.0 - 7.5	600	310	180	350	310	492	650	N/A

Note: 1 Extra headroom required for mullion doors

Note: 2 Doors over 45m² require greater sideroom

Note: 3 Additional projection maybe required with non standard motorising



GUIDE DETAILS

CURTAIN

Assembled from roll formed, galvanised steel interlocked slats, each having an effective width of 100mm. The slats can be replaced individually if damaged. Ventilation slots optional.

BOTTOM BAR

Fitted to the lower edge of the curtain is an extruded aluminium bottom bar with a Neoprene weather strip.

GUIDES

Constructed from roll-formed galvanised steel. Standard guides have a depth of 50mm and fitted with adequate bell mouths to accept the shutter curtain. Windlocked guides 95mm deep, are recommended for wider openings or where higher security is required.

BARREL

Shutter barrels are fabricated from mild steel tube with a minimum diameter of 165mm and of sufficient wall thickness to ensure that nominal deflection does not exceed safe working conditions. Helically wound counterbalance springs are contained within the barrel.

MANUAL OPERATION

Manual operation is by hand chain, driving steel sprockets and 12.7mm pitch roller chain connected to a spring assisted barrel. Manually operated doors can easily be motorised at a later date if required. Spring Balanced operation is available on smaller size shutters.

ELECTRICAL OPERATION

The compact motorising units are powered by a 3 phase 0.37kW electric motor, driving an enclosed worm gearbox with chain reduction to the shutter barrel. Assemblies are supplied complete with reversing starter and limit switches. Standard speed of operation is approximately 200mm per second. Doors over 6m high operate at a reduced rate. Single phase is available. For high cycle or very large doors higher rated motors can be supplied. Door controllers that accept signals from a range of electronic and electrical equipment are also available. Special motorising options and barrel mounting methods are available on request.

Standard doors meet the 5 year durability requirements of the N.Z.B.C. Details available on request.

We reserve the right to alter specification without notice and without incurring obligation.

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