ROUND THE CORNER
TANGENT

EACH LEAF WEIGHT MAX 55kg or 70kg

APPLICATION

➤ Designed for larger residential garages, commercial and showroom applications.
➤ The doors slide clear of the opening and park along the adjacent side wall(s). Round the Corner applications are therefore suitable where a bunched unit of parked leaves would be impractical.
➤ To cover any width of opening any number of units can be used on a single track.
➤ To accommodate different building designs, doors can slide to one or both sides of the opening.
➤ Deluxe fittings are available; polished and lacquered hangers and guides and anodised aluminium butt hinges.

DOOR SPECIFICATION

For individual leaves:
Max Leaf Height 3300mm 3600mm
Max Door Weight 55 kg 70 kg
Max Leaf Width 711-900mm 711-900mm
Leaf Thickness 45-55mm 45-55mm

Units of three, four and five leaves can be hinged together.

The end leaf of a unit nearest the track curve can form a swinging access door. On openings above 3000mm high or on heavier door leaves access should be a wicket door in one of the leaves.

Clearance between leaves to be 2mm minimum.

Door leaves should be constructed to provide secure fixing for hanger, hinges and guides and can either be flush, panelled or glazed.

GEAR SPECIFICATION

Track:
Material: galvanised steel
Standard Lengths: 1800mm, 2000mm, 2500mm, 3000mm, 4000mm, 6000mm
Track curves:

Brackets:
Face fixing: 1A/301 aluminium alloy pressure die casting
Jointing bracket: 4RX/301TS aluminium alloy pressure die casting
Fix at 900mm centres (maximum).
Jointing brackets are located where the track and track curve are butted together.

Hangers:
Standard: 62A 62AP
Intermediate: 63A 63AP
End hangers: 63A 63AP
Hangers are fitted with steel wheels on maintenance free sealed for life precision ball bearings.
Vertical adjustment is simple and positive.

Guides:
Standard: 67/97 67/94P
Intermediate guide: 68/97 68/94P
End guide: 68/97 68/94P

Hinges:
Standard: 65 403/3

On leaves up to 3300mm high fit 1 hinge, leaves above 3300mm fit 2 hinges.

All steel parts to hangers and guides are electro-zinc plated.

Channel:
Standard: 97 galvanised steel 89 galvanised steel
Standard lengths correspond with standard track lengths. Pre-drilled for logging into concrete and fitting with a drainage funnel.

Channel Curve:

Accessories: Bow Handles, Flush Pulls, Bolts and Locks
ROUND THE CORNER TANGENT 301

ALTERNATIVE BRACKETS

FOR M12 BOLT
100 BOLT CENTRES

86

BRACKET No. 3A/301

FOR M12 BOLT
57

57

95 BOLT CENTRES

Packing batten requirements
Packing batten is 16 less than door thickness for reveals exceeding 900 deep, increase packing by 6 sidewall packing is always 70

Jointing bracket 1Ax/301
768 to centre from batten face

Typical inside elevation as plan

Guide channel
No. 100
Lug for concrete

Deep guide channel
No. 27 drilled for drainage.

End stops
No. 107 firmly fixed at 75% ros. height of doors

Track not required above swinging section

152

152

581 radius to track centre line

Side packing batten
70 thick

Unit of 4 leaves with a swinger and 115 brick reveals

Doors overlap 25 here

20

20

10 min. clearance

Ramp

Hinge No. 65

Lock No. 444

Flush pull No. 414 (outside)

Hanger No. 62A

Hanger No. 63A

Guide No. 58/97

Guide No. 57/97

Roller guide bolt
No. 99/4 (fix close
to edge of door)

8 taper on swinging section

Reveal 115

Section scale 1:2

Hangers Nos. 62A or 63A

Vertical adjustment

Track Nos. 301 or 301 H

Bracket No. 1A/301

Bracket No. 44/301

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