

# Straight Sliding 280-307

## FOR SLIDING METAL DOORS

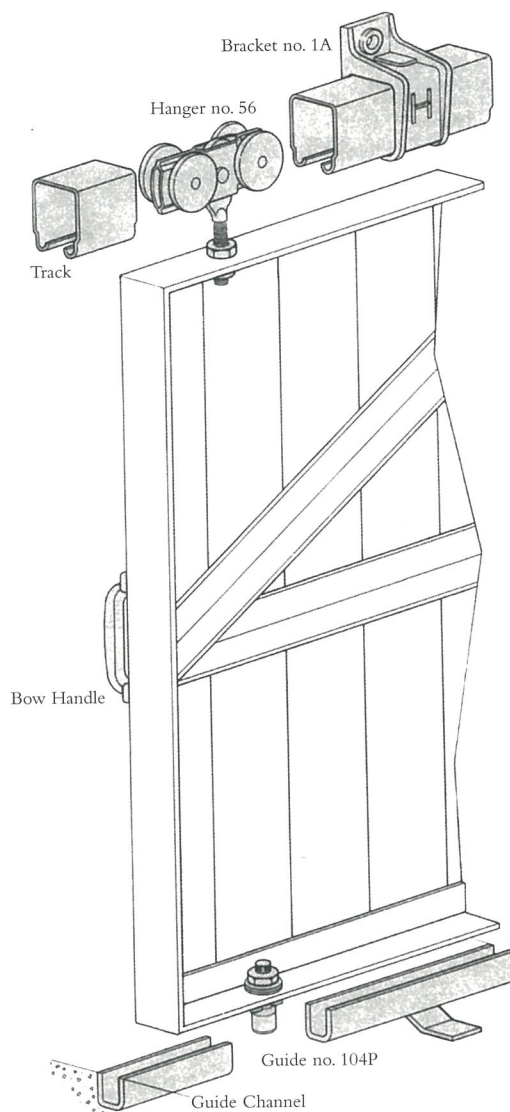
For top-hung, straight sliding metal doors for commercial and industrial applications; normally framed and braced with steel angle and then clad with steel sheet or similar. Where steel box section is used, hangers no. 56X and guides no. 104PX should be specified; for fire doors, hangers no. 56AF/S or 56CF/S should be used - please consult our Technical Sales Team. Nine systems are available for door weights up to 2000kg.

### COMPONENTS

Components supplied include: support and jointing brackets; track; hangers; bottom channel; guides; full range of accessories. Consult our Technical Sales Team or 'Expert' Service for guidance on quantities.

### INSTALLATION NOTES *(also see drawing)*

The gear is suitable for single or multiple lines of track where the supporting structure is sufficient to bear the total door weight. Sterling bottom roller gear (see p12-15) may be specified where support is insufficient. Any number of doors sliding to one or both sides may be specified. A wicket door may be incorporated for individual access requirements. A canopy (not by Henderson) is recommended for external fitting of the doors. Typical installation detail drawings are also available from the Technical Sales Team.



### CHOICE OF GEARS

#### TRACKS



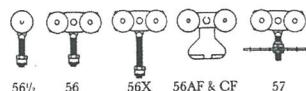
#### BRACKETS - FACE FIXED



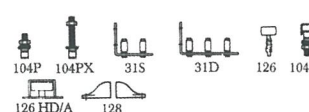
#### BRACKETS - SOFFIT FIXED



#### HANGERS



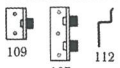
#### GUIDES



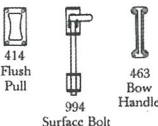
#### TRACK STOPS



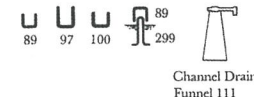
#### DOOR STOPS



#### ACCESSORIES



#### GUIDE CHANNELS



All dimensions are in mm.



# Mansion/Majestic

## FOR SLIDING WOOD DOORS

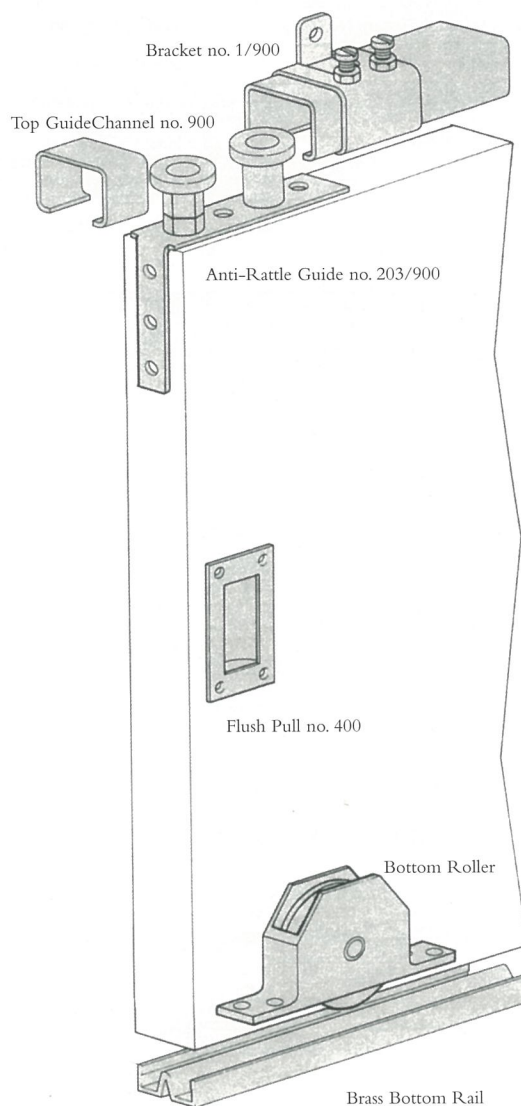
High quality bottom roller gear and fittings to match the best sliding partitions, including glazed, flush or panelled doors. Three systems are available for door leaf weights up to 270kg. Maximum door leaf width and number required depends on height and weight of the door leaf material.

### COMPONENTS

Components supplied include: top guide channel; optional top guide brackets; bottom rollers; bottom rail; full range of accessories. Consult our Technical Sales Team or 'Expert' Service for guidance on quantities.

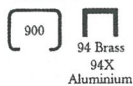
### INSTALLATION NOTES *(also see drawing)*

Door leaves must be constructed with deep bottom section for the concealed, mortised bottom rollers (minimum depth 150mm for 913N/913XB rollers or 175mm for 916 rollers). Typical installation detail drawings are also available.



### CHOICE OF GEARS

#### GUIDE CHANNELS



#### BRACKETS - FACE FIXED



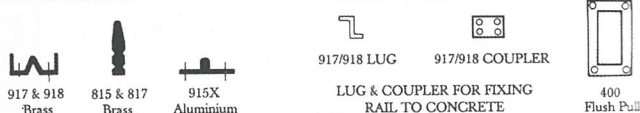
#### BRACKETS - SOFFIT FIXED



#### BOTTOM ROLLERS



#### ACCESSORIES



All dimensions are in mm.



### Straight sliding bottom roller

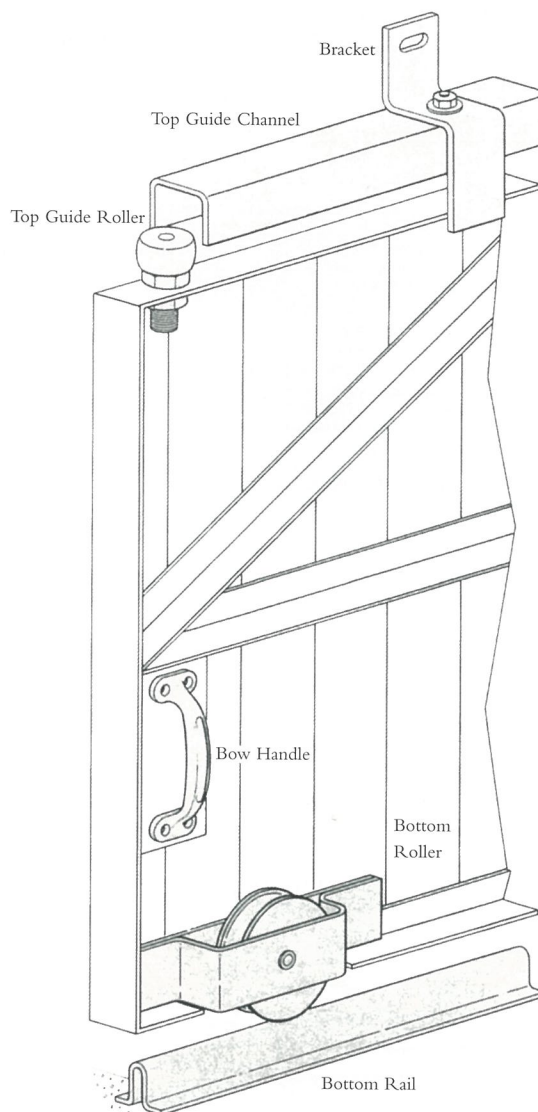
For bottom rolling metal doors and gates in a range of commercial and industrial applications, especially where the supporting structure or lintel is insufficient for the weight of the door or headroom is limited. The doors should be framed and braced using steel angle, then clad with steel sheet; for Sterling 3600 and 8000 gear the door should be constructed from steel channel section. Six systems are available up to 8000kg per door. Maximum door leaf width and no. required depends on the height and the weight of door material. Gear is also suitable for power operation (power operation not by PC Henderson - consult our Technical Sales Team).

#### COMPONENTS

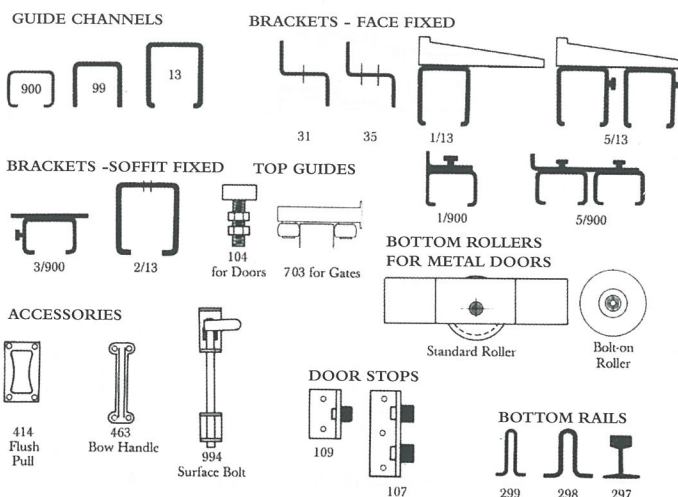
Components supplied include: top guide channel; brackets; top guide rollers; bottom rollers; bottom rail; full range of accessories. (All steel parts are galvanised.) Consult our Technical Sales Team or 'Expert' Service for guidance on quantities.

#### INSTALLATION NOTES *(also see drawing)*

The gear is suitable for single or multiple lines of track. Rollers should be positioned securely in the bottom door frame section by welding or bolting. Bottom rail must be set level and may be recessed for protection from traffic. Any number of doors sliding to one or both sides may be specified. A wicket door may be incorporated for individual access requirements. A canopy (not by PC Henderson) is recommended for external fitting of the doors.



#### CHOICE OF GEARS





### Round the corner

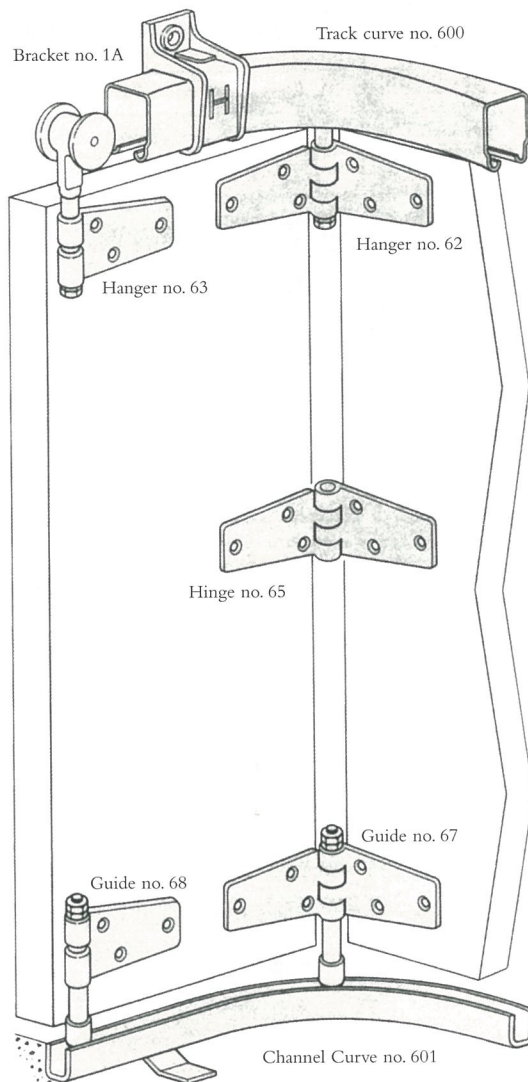
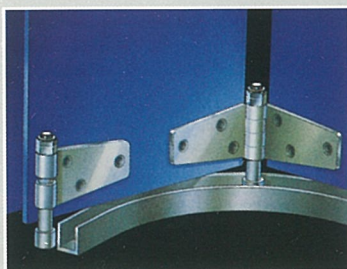
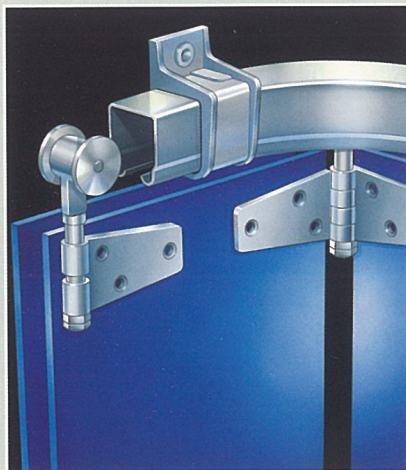
Robust top-hung door gear for round-the-corner residential, commercial or light industrial, wood or metal folding doors; deluxe fittings are also available in polished or satin anodised aluminium finishes. The doors leaves may be panelled, flush or glazed. Four systems are available to suit door leaf weights up to 80kg.

#### COMPONENTS

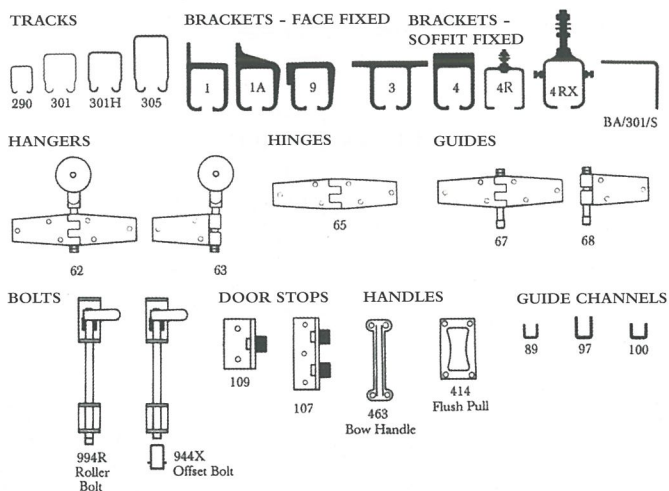
Components supplied include: track; track curves; support and jointing brackets; hangers; hinges; guides; bottom channel; channel curves; full range of accessories. (All steel parts are galvanised) Consult our Technical Sales Team or 'Expert' Service for guidance on quantities (see table for maximum door leaf width and drawing for door leaf detail).

#### INSTALLATION NOTES *(also see drawing)*

Hinges should be fixed to framing and joints of the door. For smooth operation, only 3-5 leaves should be hinged in one unit; any number of units may be used, sliding to one or both sides. The end door leaf under the curve normally forms a swinging access door (see plan for details). Typical installation detail drawings are also available.



#### CHOICE OF GEARS





### External folding

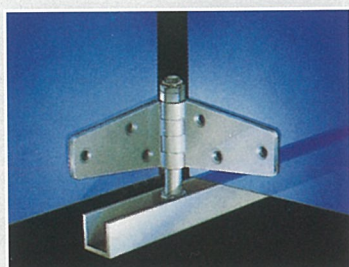
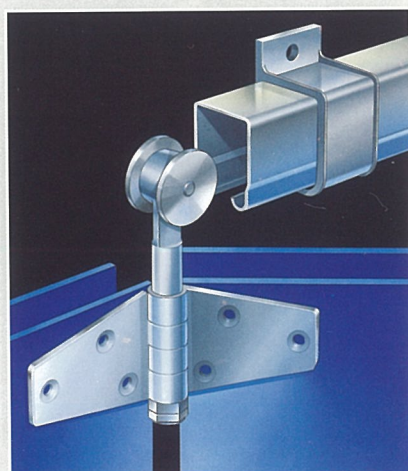
Robust top-hung door gear for commercial or light industrial wood or metal folding doors; deluxe fittings are also available in polished or satin anodised aluminium finishes. The door leaves may be panelled, flush or glazed. Seven systems are available to suit door leaf weights up to 80kg.

#### COMPONENTS

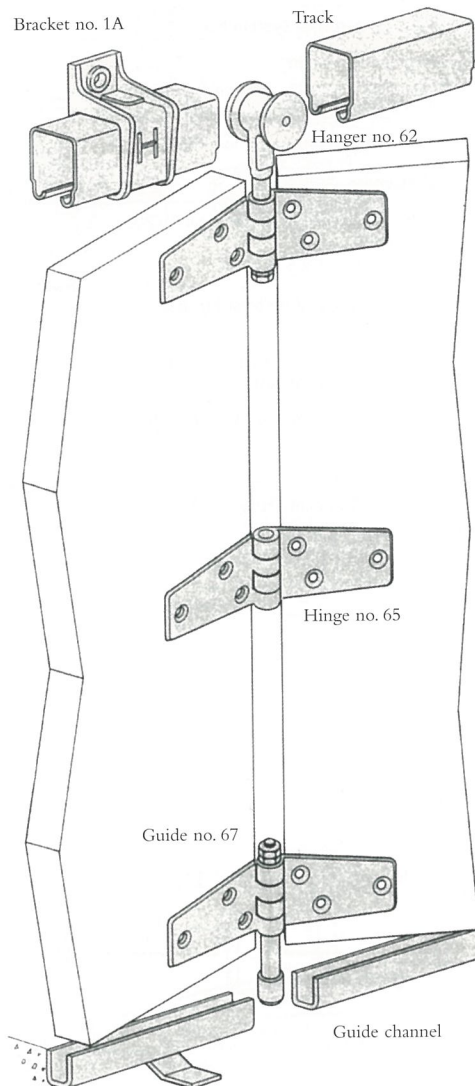
Components supplied include: track; support brackets; hangers; hinges; guides; bottom channel; range of accessories. (All steel parts are galvanised.) Consult our Technical Sales Team or 'Expert' Service for guidance on quantities (see table for maximum door leaf width and drawings for door leaf detail).

#### INSTALLATION NOTES (also see drawing)

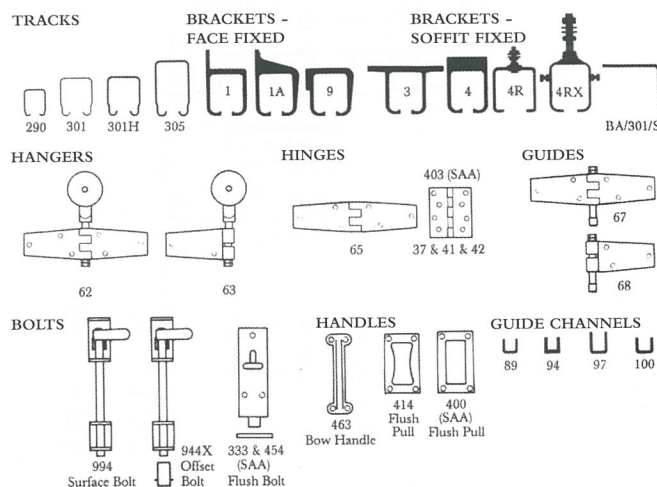
Hinges should be fixed to framing and joints to the door. Up to 8 door leaves can be hinged to jamb within the opening or behind a reveal. Freefloating units may also be used of 4, 6 or 8 door leaves for stability. A swinging pass door is only suitable for door leaves under 3000mm high and is obtained by using 3 or 5 door leaves hinged to the jamb or an independently hung door leaf (see plan for details). If over 3000mm high, an independently hung door leaf is recommended. Typical installation detail drawings are also available.



All dimensions are in mm.



#### CHOICE OF GEARS





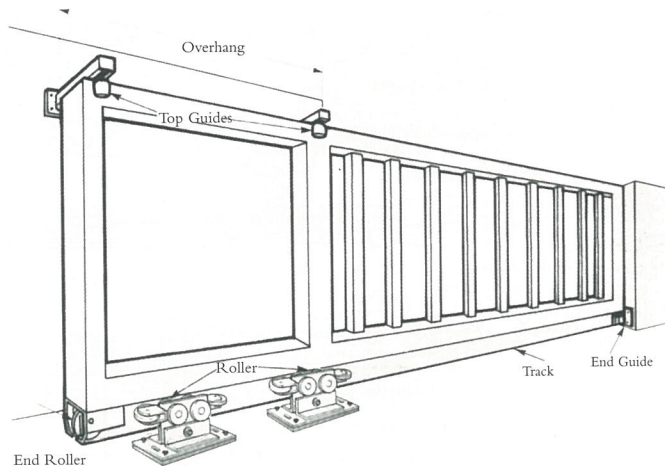
Quality, heavy duty cantilever gear for sliding metal gates suitable for industrial and commercial use - examples of use include security, traffic control and where the road surface is uneven, eg railway lines. Cantilever gates leave the roadway free of channels, guide rails or other obstructions, using a track which fits to the bottom rail of the gate and runs on internal rollers for security and weather protection, it can also be used for heavy doors where no overhead support exists. Two systems are available to suit openings up to 10m wide and weights up to 1000kg (automated - automation not by PC Henderson or manually operated).

### COMPONENTS

All steel parts are galvanised and components supplied per gate include: bottom rollers; top guides; end guides; end rollers; track - length is determined by the opening width plus overhang. The table opposite indicates choice of gear dependent on gate weight, overhang and opening width.

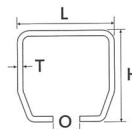
### INSTALLATION NOTES *(also see drawing)*

Gates should be constructed from welded square steel tubing. Enough space is required to slide the gate completely clear of the opening. Rollers should be mounted on substantial concrete footings and spaced as widely as possible. Typical installation detail drawings are also available.



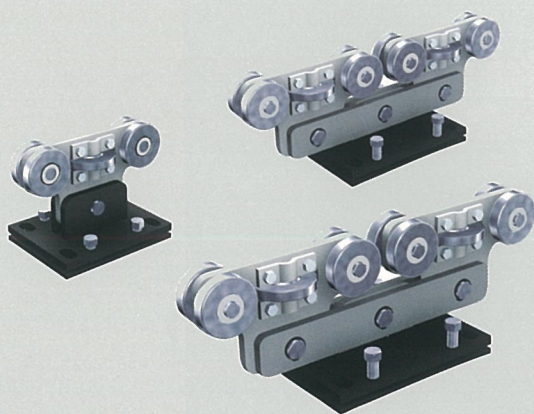
#### QUANTITY REQUIRED PER GATE

TRACK: OPENING WIDTHS PLUS OVERHANG (see opposite)  
ROLLERS x 2 - END GUIDES x 2 - TOP GUIDES x 2 - END ROLLER x 2



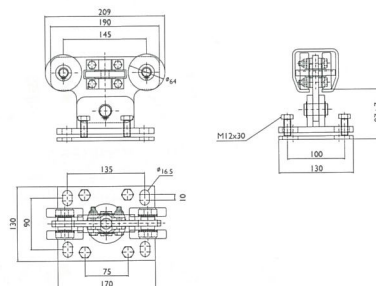
#### DIMENSIONS

STEEL TRACK							
Part No.	Material	Length	Weight kg	L	H	O	T
700	Galvanised Steel	6m	51.5	80	75	22	4.5
710	Galvanised Steel	6m	90	90	110	25	6

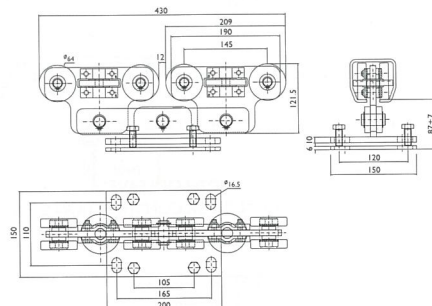


All dimensions are in mm.

704



708



718

