



3000 Series

Butt Hinges

High performance butt hinge for use on flush-closing doors in severe duty situations.

3000 Series hinges are manufactured to precise sizes, thickness of metal and hole location. The template drilled holes, 5 knuckle hinges are suitable for both timber and steel door application. Hinges are CE marked and tested to BS EN 1935 Grade 13 and EN1634.

It is recommended that a minimum of 3 hinges per leaf will be fitted for standard height doors. For correct hinge specification consultation from the hinge/door manufacturer shall be made.

All hinge to be of ball bearing type, Ferrous (Steel) material. For doors heavier than 120kg dormakaba pivots are recommended.

3000 Series

EN Range Butt Hinges

Models:

3085
3090, 3090F
3091, 3091F
3094, 3094F

F denotes Fire rated

3000 Series Hinges

Features

- Five-Knuckle ball bearing butt hinges.
- All Hinges are template drilled.
- For timber and steel door application.
- Suitable for fire/smoke check doors up to 120kg.
- Non-handed.
- Door opening angle of 180 degrees.

Specification

- All hinges shall be of the ball bearing type, five knuckle.
- Made from highest grade of 3.0mm thick Grade 304 stainless steel material. Grade 316, Grade 201 is available on request.
- All hinges shall be of template drilled and suitable for up to 120kg doors except 3085 suitable for 60kg doors.
- All hinges shall be non-handed and capable of opening door to 180 degrees.

Certification

- Butt hinges 3000 series tested and certified to BS EN 1935 Grade 13 and EN1634.¹
- CE mark for building products.
- Intertek Certificate No. 0905-CPR-000736-02.

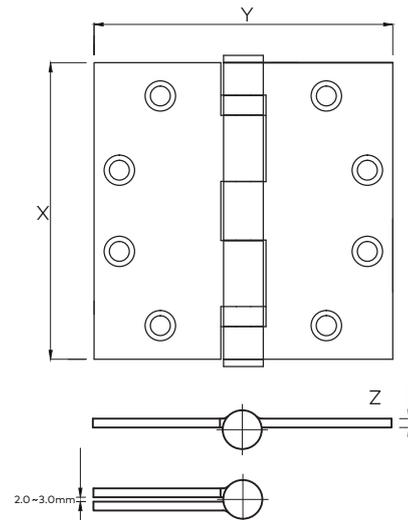
Order Guide

3085							
3090							
3091							
3094		303030					
3090F		403030					G 316 ³
3091F	4BB	403530	WS ²	RD	SEC	SSS	G 304
3094F	2BB	404030	MS	SQ	HT	PSS	G 201 ³
3090F	2BB	403030	WS	SQ		SSS	G 304
MODEL	BALL BEARING	SIZE	SCREW PACK	CORNER	OPTION	FINISH ⁴	MATERIAL

Abbreviations

2BB	2 Ball Bearing
4BB	4 Ball Bearing
MS	Steel Door Screws
WS	Timber Door Screws
SQ	Square
RD	Round
HT	Hospital Tip
SEC	Security Studs
PSS	Polished Stainless Steel
SSS	Satin Stainless Steel

Technical Drawing



Model	Size	X	Y	Z	Grade
3085	303030	3.0"	3.0"	3.0mm	-
3090, 3090F	403030	4.0"	3.0"	3.0mm	13
3091, 3091F	403530	4.0"	3.5"	3.0mm	13
3094, 3094F	404030	4.0"	4.0"	3.0mm	13

Note:

- ¹ Applicable only for fire-rated hinge models.
- ² By default, screw pack has 8 pcs. timber door screws.
- ³ Grade 316, Grade 201 Stainless Steel hinges are available on inquiry.
- ⁴ Other finishes available on inquiry.
- ⁵ dormakaba reserves the right to enhance the product by continuous development.
- ⁶ The details shown may differ and are for illustration purpose only.

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