



SOFT-CLOSE HINGE

MEATON



HINGE FACTORY

60 fully automated production lines

1,700 employees

50,000 square meters

20,000,000 pieces capacity per month

DESIGN AND MANUFACTURING

MEATON

3 radial drill machines
4 holing machines
5 low speed wire EDMs
6 hydraulic press machines

6 central processing machines
12 milling machines
15 manual grinder machines
20 high speed wire EDMs

50 manual drill machines
70 tapping machines
70 open punchable press machines
130 stamping machines
400 other equipments





High and low temperature test



Spectrograph



Fatigue test



Salt spray test



Quadratic projector



Spring test

RELIABILITY

Laboratory

Full range testing instruments---Quality is life

HS3105
HINGE

“SILENT
SMOOTH
STABLE”





DIN EN 15570-2008

HS3105 HINGE

High quality raw material

Selecting high performance steel Q235 as raw material. Main body thickness 1.2mm.

High anti-corrosion ability

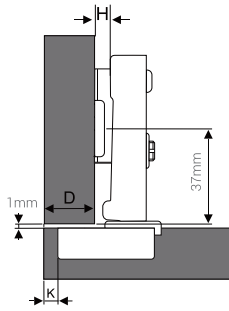
Double galvanizing double protection. Up to grade 8-9 of 48-72 hours neutral salt spray test. Humid environment well adapted.

Super long life time

Products being tested under the standard DIN EN 15570 - 2008, with fatigue test up to 50,000 times.

Super large range of door thickness

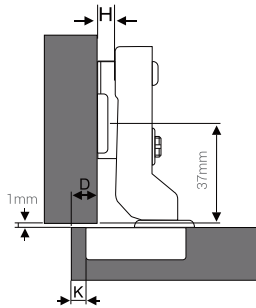
Applicable door thickness from 14mm up to 22mm



Door overlay	K		Cup distance				
	D	H	3	4	5	6	7
21.0							0
20.0						0	
19.0				0			2
18.0		0		2			
17.0	0		2				4
16.0		2		4			
15.0	2		4				
14.0		4					
13.0	4						

Mounting plate height

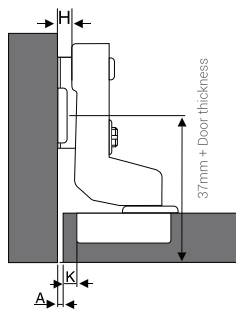
Overlay	Cup dimensions		
Cup assembly	45mm	48mm	52mm
Screw on			
Euro screw			
M8 dowels			
M10 dowels			
Easy fit			



Door overlay	K		Cup distance				
	D	H	3	4	5	6	7
11.0							0
10.0						0	
9.0				0			2
8.0		0		2			
7.0	0		2				4
6.0		2		4			
5.0	2		4				
4.0		4					
3.0	4						

Mounting plate height

Half Overlay	Cup dimensions		
Cup assembly	45mm	48mm	52mm
Screw on			
Euro screw			
M8 dowels			
M10 dowels			
Easy fit			



Door overlay	K		Cup distance				
	D	H	3	4	5	6	7
-3.0							0
-2.0						0	
-1.0				0			2
0.0		0		2			
1.0	0		2				4
2.0		2		4			
3.0	2		4				
4.0		4					
5.0	4						

Mounting plate height

Inset	Cup dimensions		
Cup assembly	45mm	48mm	52mm
Screw on			
Euro screw			
M8 dowels			
M10 dowels			
Easy fit			



HS2106 HINGE

“NEW BUFFER STRUCTURE

HIGH PRECISION MANUFACTURE

LATEST PROMOTION PRODUCT”

HS2106 HINGE

High quality raw material

Selecting high performance steel Q235 as raw material. Main body thickness 1.0mm.

High anti-corrosion ability

Double galvanizing double protection. Up to grade 8-9 of 48-72 hours neutral salt spray test. Humid environment well adapted.

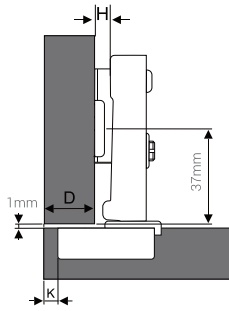
Small-angle soft close

Instant soft close after opening, door panel and side panel collision further reduced, realizing more comfortable and quiet life.

Super long life time

Products being tested under the standard DIN EN 15570-2008, with fatigue test up to 40,000-50,000 times.

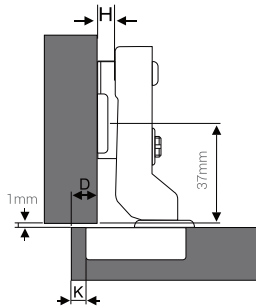




Door overlay	K		Cup distance				
	D	H	3	4	5	6	7
21.0							0
20.0						0	
19.0				0			2
18.0		0			2		
17.0	0		2				4
16.0		2		4			
15.0	2				4		
14.0		4					
13.0	4						

Mounting plate height

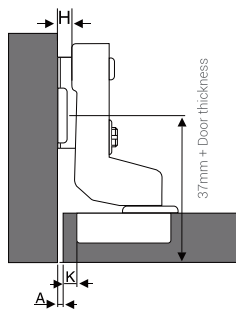
Overlay	Cup dimensions		
Cup assembly	45mm	48mm	52mm
Screw on			
Euro screw			
M8 dowels			
M10 dowels			
Easy fit			



Door overlay	K		Cup distance				
	D	H	3	4	5	6	7
11.0							0
10.0						0	
9.0				0			2
8.0		0			2		
7.0	0		2				4
6.0		2		4			
5.0	2				4		
4.0		4					
3.0	4						

Mounting plate height

Half Overlay	Cup dimensions		
Cup assembly	45mm	48mm	52mm
Screw on			
Euro screw			
M8 dowels			
M10 dowels			
Easy fit			



Door overlay	K		Cup distance				
	D	H	3	4	5	6	7
-3.0							0
-2.0						0	
-1.0				0			2
0.0		0			2		
1.0	0		2				4
2.0		2		4			
3.0	2				4		
4.0		4					
5.0	4						

Mounting plate height

Inset	Cup dimensions		
Cup assembly	45mm	48mm	52mm
Screw on			
Euro screw			
M8 dowels			
M10 dowels			
Easy fit			

HINGE PLATE

All of the plates are interchangeable despite the type of hinge.



Two-hole plate	Mounting plate height		
Plate assembly	H=0	H=2	H=4
Screw on			
Euro screw			
M8 dowels			
M10 dowels			



Four-hole plate	Mounting plate height		
Plate assembly	H=0	H=2	H=4
Screw on			



Adjustable	Mounting plate height		
Plate assembly	H=0	H=2	H=4
Screw on			
Euro screw			
M10 dowels			

QUALITY CERTIFICATION



Test Report No.: SDHL190601057ZFT Date: Jul.26, 2019 Page 1 of 7

SHANGHAI MEATON TRADE CO., LTD.
ROOM 803 NO.999, WEST ZHONGSHAN ROAD, SHANGHAI, CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : SOFT CLOSE HINGE
Supplier Item No. : HS3105
Sample Receiving Date : Jun.18, 2019
Sample Resubmission Date : Jul.08, 2019
Test Performing Date : Jun.19, 2019 to Jul.23, 2019

Test Result Summary

Test(s) Requested	Result(s)
Clause 6.2 and 6.3 of DIN EN 15570-2008	PASS
ISO 9227-2017 (NSS, 5% concentration, 48 hours)	Grade 9

Summary:

- 1. For further details, please refer to the following page(s).

Signed for and on behalf of
Shunde Branch
SGS-CSTC Co., Ltd.



Bill Wang
Approved signatory



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