SCA Series

Semi Automatic Sliding Door System (Hydraulic)

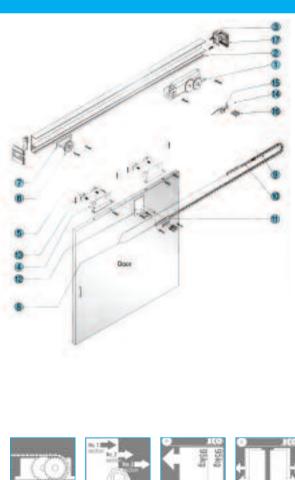


Daihatsu innovative technology

The closing cycle is controlled by a hydraulic door closer engineered by Daihatsu NHN. This assured safe operation is thanks to Daihatsu's wealth of experience and expertise in door closer design and manufacture.

Adjustable Closing Speed

Closing speed can be regulated by 3 separate adjustment valves on the door closer, permitting safe traffic when closing. Non-critical thermostatic valves provide constant closing speed even under extreme temperatures.



8	1	Hydraulic closer assembly
P	2	Rail
8	3	Corner bracket
	4	Door hanger
4	5	Hanger roller
	6	Idler pulley
	7	Pulley bracket
22	8	Wire
1	9	Roller chain

Part details

assembly	10	Chain spring
	11	Wire chain connector
	12	Bracket
	13	Hex. bolt M8 x 25 (inc. washer)
	14	Hold open unit
	15	Bolt M8 x 19
	16	Hex. nut M8 (inc. washer)
	17	Corner piece

Holding the door open at the required position by hold open bracket. This position can easily be adjusted with the use of

With reinforced resin rollers and aluminium rail, noise is

Anywhere that a quiet environment must be maintained.

Double & Telescopic Application

eliminated, making SCA series sliding door closer the perfect

application for hospitals, libraries, schools and care establishments.

As SCA sliding door system uses a belt drive - extension of the

SCA series can easily move to Double and Telescopic Sliding

Door systems. With max door weight for Double doors at

40kgx2 and Telescopic max weight up to 95kgx2 (single)

Hold Open Function

a screwdriver.

Quiet operation

Single Sliding							
Installation type	Model name	Door weight (kg)					
	SCA-20	20					
	SCA-30	30					
Surface-mounted (with a cover)	SCA-50	50					
(with a cover)	SCA-80	80					
	SCA-80U	100					
	SCA-30	30					
Built-in (in a sash)	SCA-50	50					
(III d SdSII)	SCA-80	80					
	SCF-80U	100					
Heavy	SCF-120	120					
(flat bar)	SCF-200	200					
	SCF-200U	250					
	Double Sliding						
Surface-mounted	SCA-50D	25x2					
(with a cover)	SCA-80D	40x2					
Built-in	SCB-50D	25x2					
(in a sash)	SCB-80D	40x2					
	Dual Sliding						
	SCF-30-2SD	15x2					
	SCF-50-2SD	25x2					
	SCF-80-2SD	40x2					
Telescopic (flat bar)	SCF-80U-2SD	50x2					
(SCF-120-2SD	60x2					
	SCF-200-2SD	80x2					
	SCF-200U-2SD	95x2					

KENWA

KENWA Open to new possibilities

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Distributed by:

3 sectional

closing speed of up to

190kg

bi-parting

doors

Daihatsu's

tecnology



NSC & SCA Series

Semi-automatic sliding door system



sliding door operation

- Smooth & controlled
- Silent operation
- Compact & concealed



KENWA

NSC Series

omatic sliding door systems Unique innovation for manual sliding door operation

Features

NSC Series semi automatic sliding door system has many benefits and uses. This light weight and simple door mechanism can be used in Hospitals as an ever present infection barrier thanks to its unique self closing feature.

Alternatively it can be installed in apartment buildings with its unique self closing feature, eliminating dead space needed for traditional hinged doors. Whilst at the same time providing a constant environmental control barrier, saving cost on A/C or central heating. Giving any space a touch of elegance with controlled closing. Semi-automatic sliding door closing system offers a touch of sophistication to any kitchen, bathroom or internal door...

NSC-C Series

For steel lightweight fittingsdoor weights from 10-30kg, 30-60kg to 60-80kg

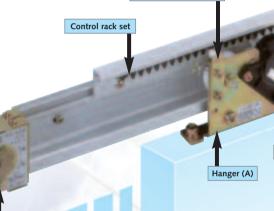
Reliable, cost effective, sliding door closers - simple to use & install

Features

Door stopper fittir

- Standardised parts for horizontal lightweight steel door fittings. (the product comes standard with a stop device and other equipment.)
- Infinite fluid friction resistance system ensures a long life and controlled closing
- Simple conversion to right and left handed opening.
- Ease of installation with a single screwdriver.
- Hold open and end stopper can maintain hold open until closed.

Stop device/stop rol



Stop device (plate spring

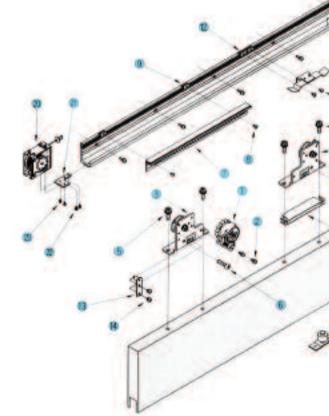
Release the door and it will automatically close gently and slowly

Since resistance is low, the door can be opened easily by elderly citizens, young children and people with disabilities.

Incorporating a fluid friction resistance, one way clutch mechanism to ensure secure control.

NSC Series offers compact size and long service life, it can be installed very simply by mounting the rail at required length. With components fixed onto the rail by a screw driver, making NSC Series extremely versatile, especially as it incorporates the ability to be none handed. Conversion of non-handed rail operation is by simple adjustment.

Please contact us for further information



Cross section of pull sprin the state of the s Incose a Par lever o Weight (kg) Width (mm) losing drive syster Carbo relation rolling systen ntrolling time 3.5 - 4.6 nitial opening force [I

Pull spring

NSC-C Series - Standard						
Type of installation	Model	Door weight (kg)				
Cin alo clidin a	NSC-C23	10-30				
Single sliding (standard)	NSC-C36	30-60				
(314.134.14)	NSC-C48	60-80				

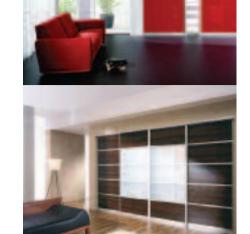
NSC-B Series - Bathroom						
Type of installation	Model	Door weight (kg)				
Cinala Clidina	NSC-B33	10-30				
Single Sliding (bathroom)	NSC-B46	30-60				
(Balinooni)	NSC-B58	60-80				

NSC-C812 Series - Heavy						
Type of installation Model Door weight (kg						
Single Sliding	NSC-C812-22	80-120				
(heavy)	NSC-C812-31	80-120				

PS-02

NSC-C Series E

kploded Diagram		
4	1	Control device
- 10	2	M5 x 12 pan head s
· · · · · · · · · · · · · · · · · · ·	3	Hanger A
5	4	Hanger B
	4 5 6	M8 x 25 hexagon h
6	6	M8 x 30 pan head s
	7	Control rack set
	8	M4 x 8 truss screw
	9	Plate nut
	10	Plate spring
	11	M4 x 8 truss screw
g- 10	12	Plate nut
0	13	Stop roller
	14	M5 x 8 pan head so
~ •	15	Door stop fitting
\sim	16	Door stopper bearin
3	17	M5 x 8 pan head so
	18	Rail L=2200 [L=310
	19	M5 x 16 truss screw
	20	Pull spring
	21	Pull spring fitting
	22	M4 x 5 truss screw
2- 8	23	M3 x 8 truss screw
		Guide roller
	25	Height adjusting pla



14 M5 x 8 pan head screw

18 Rail L=2200 [L=3100]

25 Height adjusting plate

16 Door stopper bearing plate 17 M5 x 8 pan head screw

M5 x 12 pan head screw

M8 x 25 hexagon head bolt

M8 x 30 pan head screw

NSC-B Series

Bathroom corrosion resistant model for doors up to 80KG

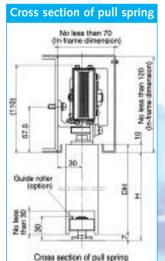
Combining stainless steel and a unique sealing technology has created a unique corrosion-resistant, long life product...

Features:

- NSC-B Series can be used for long periods, even in bathrooms and other humid, corrosive environments. (Not for use in sauna rooms or excessive hot environments)
- The Hanger Roller Bracket is designed to be resistant to dust or moisture, ensuring high corrosion resistance and longer stability.
- NSC-B Series can carry doors from 10~80kg, with open stroke not exceeding 1,500mm
- The control device consists of a controlling-force centrifuge structure based on fluid friction resistance, thus ensuring highest reliability.
- NSC-B Series uses a pull spring giving excellent performance and high durability (1 million operations) to close the door securely with light force.







Corrosion Proof Evaluation

Rust becomes a problem when untreated parts are used on doors situated in bathrooms and humid environments.

The use of stainless steel makes these products dramatically more corrosion proof.

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			1941
	et mit le		
\$	They made and		
	front in a little	and the party of	
	the free first [20]		

C-C23-31	31 NSC-C36-22 NSC-C36-31		NSC-C48-22	NSC-C48-31					
	30-	-60	60-	-80					
00-1600	700-1200	1200-1600	700-1200	1200-1600					
	15	00							
	Spiral spring type								
	Fluid friction resistance type								
7-	11 seconds (with a door c	pening distance of 900m	m)						
	4.7 - 6.9 7.0 - 8.0								
	No less than 1 million open/close operations								
PS-03 PS-04									
3.1	2.2	2.2	3.1						

NSC-B PULL SP Weight (kg) 10 - 30 30-60 60-80 Width (mm) 700-1200 1200-1400 1400-1600 700-1200 1200-1400 1400-1600

Closing drive system	Spiral spring type								
Controlling system	Fluid friction resistance type								
Controlling time	8-15 seconds (with a door opening distance of 900mm)								
Initial opening force [N]	3.5 - 4.6			4.7 - 6.9 7.0 - 8.0					
Durability	No less than 1 million open/close operations								
Rail length (m)	2.2	2.8	3.4	2.2	2.8	3.4	2.2	2.8	3.4

Appearance of Control Device and Pull Spring after 144 hours of CASS test