



INSTALLATION AT HIGH COURT OF AUSTRALIA

Product Guide – 2016



AUTOMATIC DOOR OPERATORS



Mobility Access - Barrier Free Solutions

Automatic Gates - Boom Gates - Solar Gate Openers
Window Controls & Electric Chain Window Winders



NN[®] Door Closers & Pivot Door Closers **NN[®]**

Commercial & Architectural Hardware

Toughened glass door & shower hardware

Canberra Shutters and Blinds Commercial & Domestic

129 GLADSTONE STREET FYSHWICK ACT 2609

Ph: (02) 6280 4655

FAX: (02) 6280 7592

ABN 99 085 262 862

email: sales@progressivecontrols.com.au

www.progressivecontrols.com.au www.doorclosersonline.com.au

www.sungateaustralia.net www.canberrashuttersandblinds.com.au

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Silicone & Putty's
Sash Balances
Packers
Screen Door Hardware

GEZE Circular Sliding Doors with RC2 Security

INSTALLATION AT THE HIGH COURT of AUSTRALIA



A LOOK TO THE FUTURE.



BEWEGUNG MIT SYSTEM

SSShhhhh When a quiet environment is really important

Progressive Controls and GEZE
specialising in
touch free mobility access.

Delivering quiet and superior hygienic access solutions

GEZE Sliding door operators



GEZE Slim Drive NT*

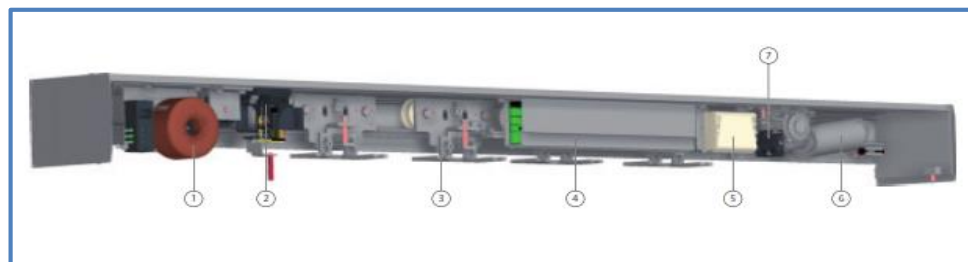
Excellent Door Automation with a 70mm high profile – available with all features to meet the highest standards. *RC2 Security & FR options available. Suitable for Single door to 120kg or Bi-Parting 2 x 120kg

GEZE Swing Door Operators are available with matching 70mm is profile



GEZE EC Drive

A Versatile Operator – Suits a wide range of applications
Suitable for Single door to 120kg or Bi-Parting 2 x 120kg



GEZE Power Drive PL

A powerhouse in Sliding Door Automation
Suitable for single Door 200kg or Bi-Part doors 2 x 200kg

All GEZE Auto Door Operators are supplied complete with programmable inputs and outputs as standard – no costly options boards are required

Contact Progressive Controls for Automatic Doors on your next project

GEZE Swing Door Operators



EC TURN

Electromechanical swing door drive for barrier-free interior doors, for example, in hospital wards and care institutes, in assisted housing, hotels and private home applications



EMD & EMD/F [Fire rated]

Available for Single and double door applications Smooth - Extremely quiet – Versatile
Modern – 70mm Slimline Profile – Works with all types of activation – High work load capacity
Standard and Slide arm options



POWERTURN & POWERTURN/F

GEZE's most powerful swing operator, with 70mm slimline profile

A Robust specialist and true team player – For doors up to 600kg

Note: GEZE Auto Door Operators are supplied complete with programmable inputs and outputs as standard – no costly options requires

Use GEZE Door Automation from Progressive Controls in your next project

Some Recent GEZE Automatic Door Installations

MODEL

CANBERRA AIRPORT [35 UNITS]	ACT	SL
HIGH COURT OF AUSTRALIA	ACT	SCR
ST CLARES COLLEGE	ACT	SL
MERICI COLLEGE	ACT	SL
GOOD SHEPHERD PRIMARY	ACT	SL
NEURO SCIENCE [NURA]	SYDNEY	SL
JAM FACTORY	MELBOURNE	SL
DAIRY FARMERS PARK	QUEANBEYAN	SL
HIGH COURT OF AUSTRALIA	ACT	EC
CANBERRA COLLEGE	ACT	SL + EC
NISHII BUILDING	ACT	EC
CANBERRA UNIVERSITY	ACT	EC
ALFRED DEAKIN HS	ACT	EC
WANIASSA HS	ACT	EC
METRO BUILDING	CHATSWOOD NSW	SL
CANBERRA HOSPITAL	ACT	EMD/F
NATIONAL MUSEUM	ACT	EMD
OLD PARLIAMENT HOUSE	ACT	EMD
COMMONWEALTH BUILDING	ACT	EMD/F
ANU	ACT	EMD
BWS	TUMUT	EC
CHEMIST	COOTAMUNDRA	EC
HOLY SPIRIT PRIMARY SCHOOL	ACT	EC
JOHN JAMES HOSPITAL	ACT	EMD
ATTORNEY GENERALS DEPT	ACT	EMD

Automatic Gate Operators & Boom Gates

Commercial & Light Industrial,

Rural & Domestic

Solar & Electric

PC offer supply, installation & commissioning of a complete range of Gate Operating equipment for all applications



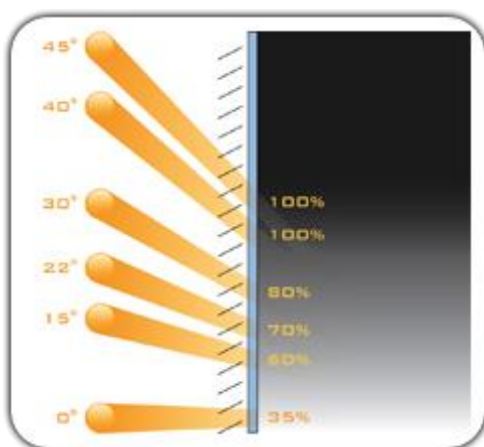


What is SmartLouvre?

SmartLouvre is a screen of tiny bronze louvres that is installed in an aluminium frame on the outside of the window.

The louvres are angled so when the sun rises, they block out the sun and provide your building with total shade, reducing temperatures and eliminating glare.

Each louvre is only 1.27mm wide, so while SmartLouvre blocks 86% of the heat and ALL the direct sun it still provides perfect visibility to the outside.



SMARTLOUVRE
THE MOST EFFICIENT
SOLAR SHADING
SOLUTION BY FAR!

How does it work?

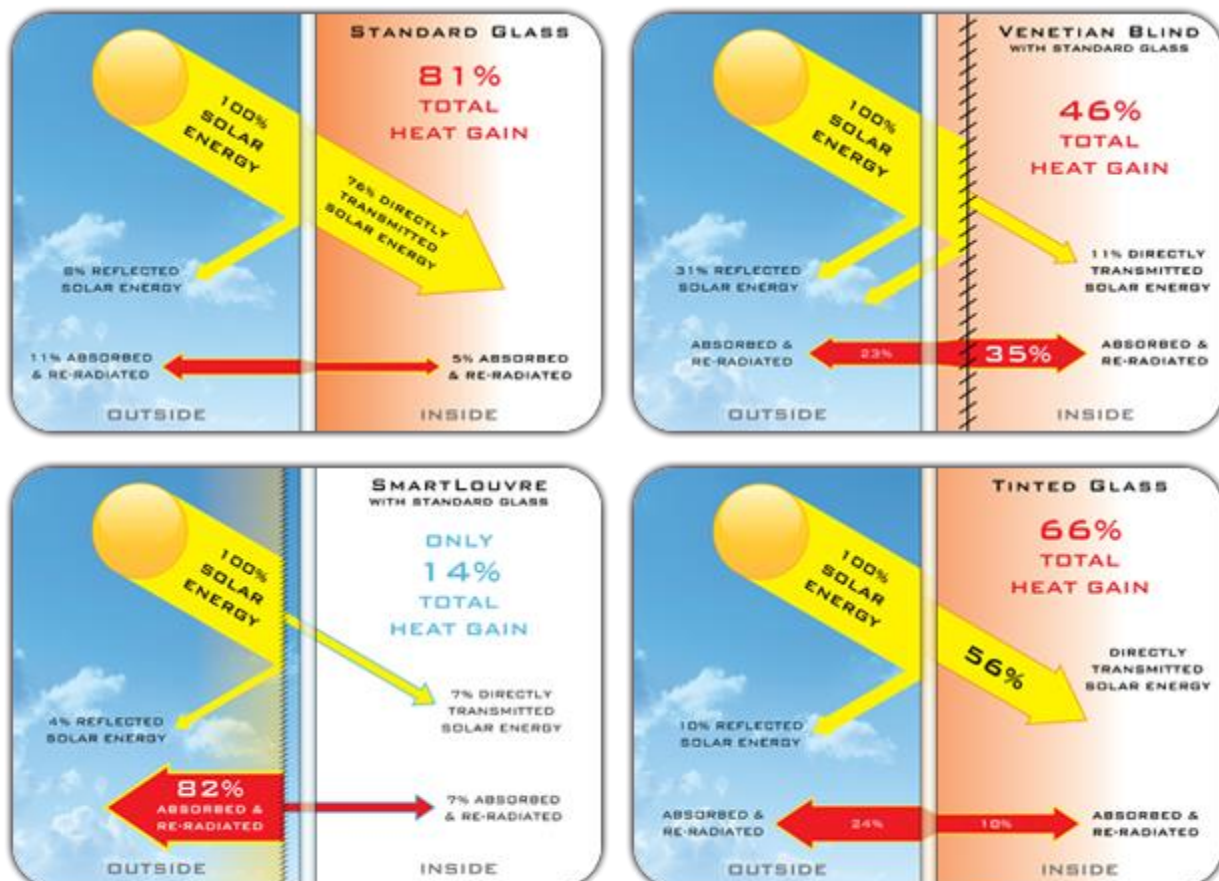
Each Smart Louvre screen is made up of hundreds of tiny louvres, each inclined at 27°.

As the sun's rays travel in a straight line at dawn and dusk when the sun is at an angle of 0°, light and heat enter directly into the building, however, as the sun rises in the sky, the screens block out the harmful effects of the sun.

Once the sun reaches an angle of 35° Smart Louvre blocks 100% of the sun's direct rays.

Heat Gain

4% of the radiation is immediately reflected and 82% is absorbed by the screen and radiated outwards. This signifies an 86% reduction in heat gain! Typically temperatures next to the window will be reduced by 10°F or more



Koolshade

Proven across the world

PC carry large stocks of
Door Closers - Floor Springs - Transom Closers - Panic Bars



DOOR CLOSERS



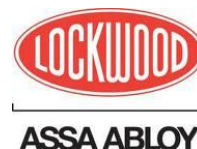
Door Closer & Floor Springs



Briton



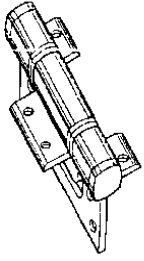
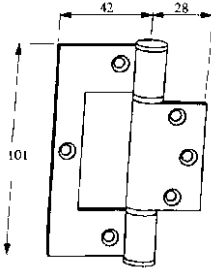
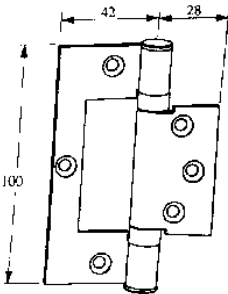
McCALLUM



VON DUPRIN



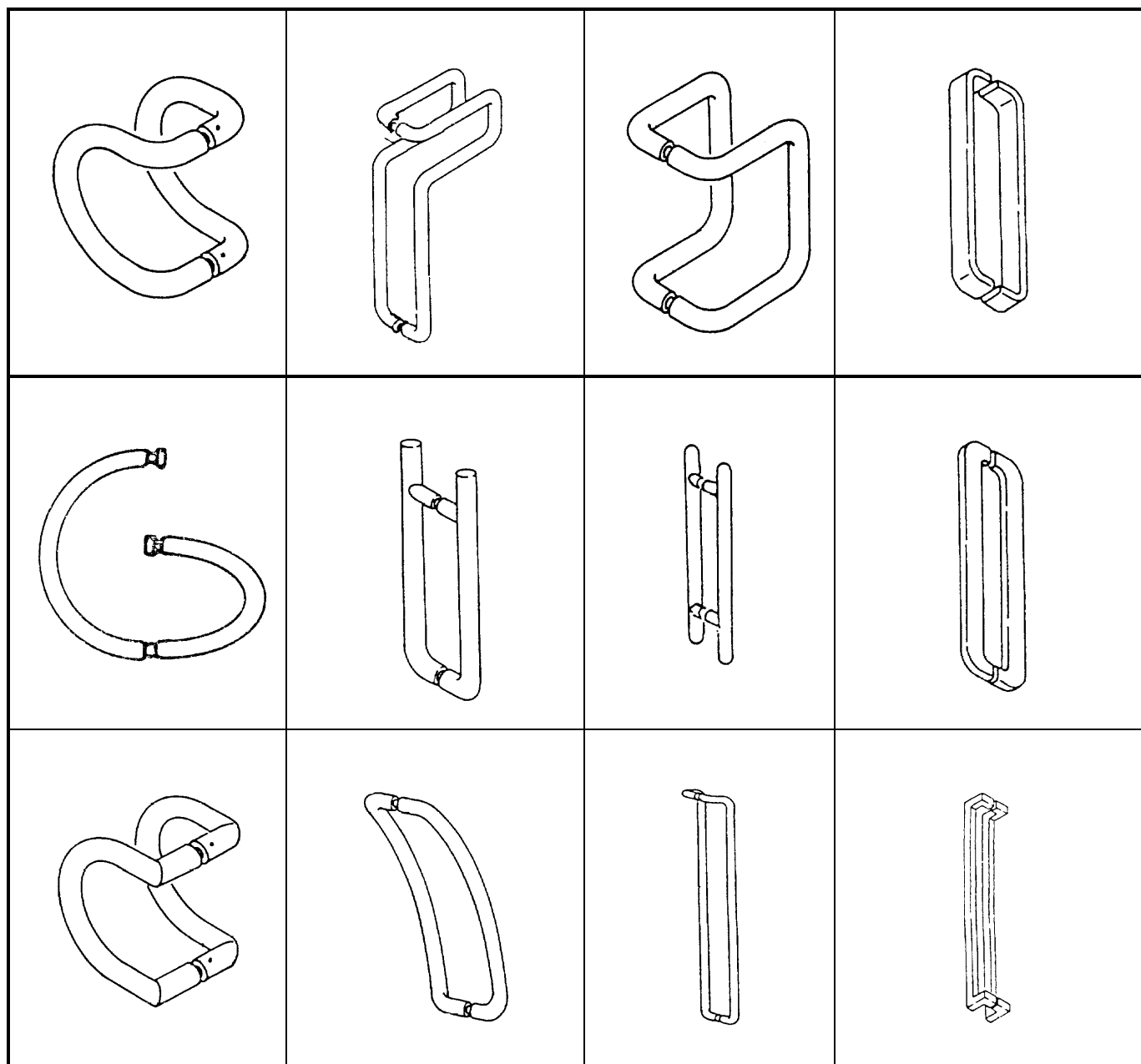
HINGES

 <p>Genuine McCallum Hinges</p>	<p>A104F</p> <p>A104F</p> <p>A104F</p>	<p>Aluminium Heavy Duty Quick Fix</p> <p>Aluminium Heavy Duty Quick Fix</p> <p>Aluminium Heavy Duty Quick Fix</p>	<p>Clear Anodised</p> <p>POWDERCOAT BLACK WHITE</p> <p>BRONZE</p>
	<p>PC3CA</p> <p>PC3BZ</p>	<p>Aluminium Quick Fix</p> <p>Aluminium Quick Fix</p>	<p>Clear Anodised</p> <p>Bronze</p>
	<p>SSHH100A-F</p>	<p>Stainless Steel Quick Fix Inc. Screws</p> <p>Std Pack 20</p> <p>Bulk lot min 120</p>	<p>Satin Stainless Steel</p> <p>Satin Stainless Steel</p>

A WIDE RANGE OF HINGES IS AVAILABLE
PLEASE CALL Progressive Controls for Availability and price.

ENTRANCE HANDLES

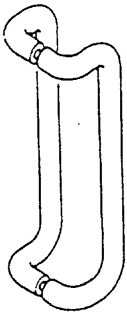
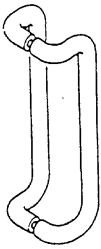
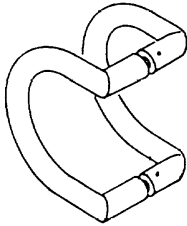
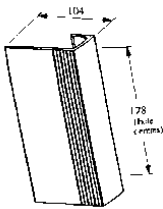
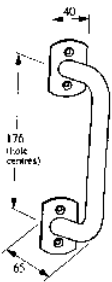
Pictured here are some of the many pull handles designs available.



A COMPLETE RANGE OF CUSTOM MADE PULL HANDLES

IS ALSO AVAILABLE PLEASE CALL FOR A QUOTE

ENTRANCE HANDLES

	PC23 SSS	Double bend Pull Handle set Back to Back For Toughened Glass or Aluminium Doors 300mm X 32mm Other finishes to order	Colour SSS
	PC 229 SSS	Back to Back 196mm x 25mm Pull Handle Set	SSS
	PC10-300	Round Curved Pull Handle set 300mm X 32mm Other finishes to order	SSS
	PC44 MF PC44 CA PC47	Concealed Fixing 230mm Supplied in sets with fixing bolts Fixing Bolts (set)	Mill Clear Ano
	PC42 SSS	203mm offset 19mm diameter on roses	SSS

DOOR CLOSERS FOR ALUMINIUM, GLASS and TIMBER DOORS

Overhead Door Closer



NHN[®] 80V SERIES



Tested to EN1154
and fire tested to
EN1634-1



The New NHN 80V Series offers a comprehensive range of hydraulic, power adjustable door closers to suit all applications.

The New NHN 80V Series of door closers incorporates the latest engineering technology to provide three power adjustable (by allen key) door closers.

Successfully awarded EN1154, EN1634-1 and CE Certifications, the NHN 80V Series is backed up with a 10 years 'No Quibble' guarantee.

FEATURES

- 83V for sizes 2-4, 85V for sizes 3-6 and a heavy duty 87V for sizes 6 & 7.
See the selection chart below for the full range and applications.
- Backcheck and delayed action functions available.
- Easy installation and adjustment.
- Comprehensive range of accessories
- Slimline body.
- Non-handed.

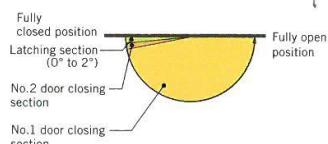
SELECTION CHART

Power size (EN)	Door width (mm)	Door weight (kg)	83V SERIES					85V SERIES					87V SERIES							
			REGULAR	HOLD OPEN	BACK CHECK	DELAYED	SLIDE ARM	REGULAR	HOLD OPEN	BACK CHECK	DELAYED	SLIDE ARM	REGULAR	HOLD OPEN	BACK CHECK	DELAYED	SLIDE ARM			
2	850	40	83V	183V	83V-BC	83V-DA	83V-GL	-	-	-	-	-	-	-	-	-				
3	950	60					-	-	-	-	85V-GL	-	-	-	-	-	-	-	-	
4	1100	80					-	-	-	-		-	-	-	-	-	-	-	-	
5	1250	100					-	-	-	-		85V	185V	85V-BC	85V-DA	-	-	-	-	87V-GL
6	1400	120					-	-	-	-						-	-	-	-	
7	1600	140	-	-	-	-	-	-	-	-	-	87V	187V	87V-BC	87V-DA	-				

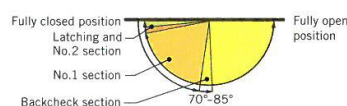
FUNCTION

**Latching function
(standard)**

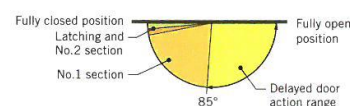
This function accelerates the door in the final 2° of closing, in order to overcome any resistance such as seals, latch bolts etc. This provides a secure and complete closure of the door.

**Back-check function
(optional)**

This function is built into the door closer body and checks the outward swing of the door. Most suited where the opening door might hit a wall i.e. in a corridor, or where it could injure someone if opened too quickly. It is recommended for use on externally opening doors in windy environments. The backcheck function works between 70° & 85°. The backcheck strength can be adjusted by turning the backcheck valve screw located on the end of the closer body. IT SHOULD NOT BE REGARDED AS A DOOR STOP !

**Delayed door
closing function (optional)**

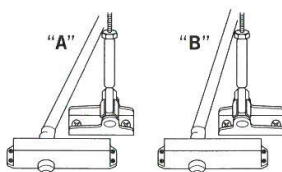
This function reduces the closing speed of the door to allow passers-by sufficient time to pass through the door opening i.e. people in wheelchairs, hospital staff with beds, elderly people etc. The maximum delay of 90 seconds is achieved from the 180° (the fully open angle) thru to 85°. After which the normal closing process takes effect to provide a secure and complete closure of the door. The duration of the delay can be adjusted via the delayed valve screw located next to the spindle.



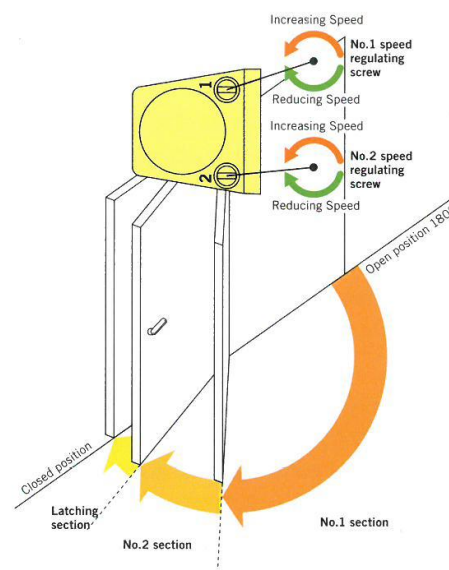
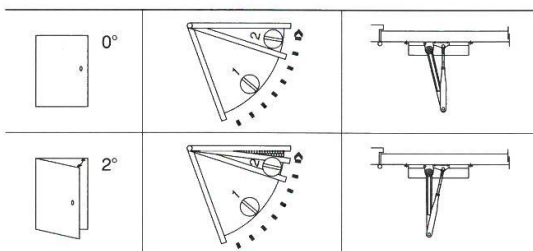
ADJUSTMENT

Force adjustment**Installation "A"**

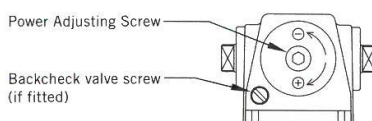
Decreases the closing force by about 10% for the first 4° of opening and final 4° of closing.

**Installation "B"**

Increases the closing force by about 10% for the first 4° of opening and final 4° of closing.

Closing speed adjustment**Latching angle adjustment****Spring power adjustment**

Turn the 'Power Adjusting Screw' the required number of clockwise or anti-clockwise turns according to the door width as indicated in the chart. In adverse weather conditions, increase the number of turns as required.



	Size (EN)	No. of turns	Direction	Max. opening angle
83V	2	6	-	180°
	3	0	*	180°
	4	3	+	180°
85V Fixing Position 1	3	0	*	180°
	4	1	+	180°
85V Fixing Position 2	5	0	*	180°
	6	4	+	130°
87V	6	5	-	130°
	7	0	*	130°

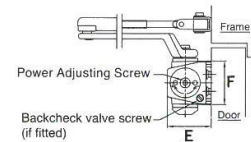
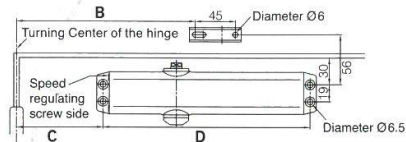
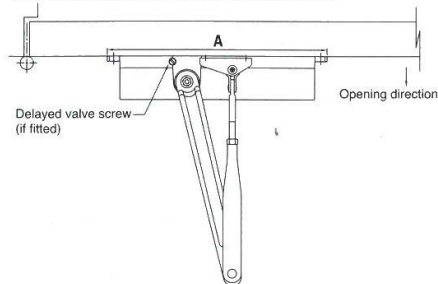
*Pre-set size at factory

INSTALLATION

Standard installation

Closer mounted on hinge side of door

This illustration shows right hand configuration (DIN L).

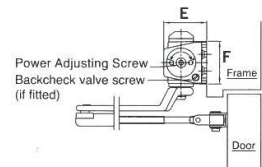
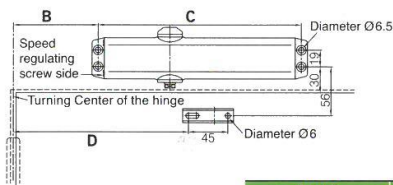
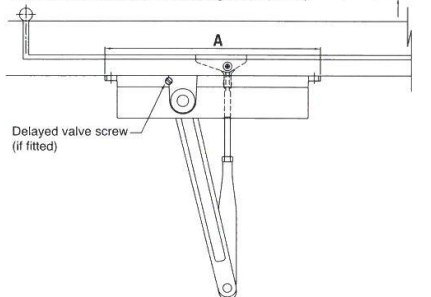


TYPE	A	B	C	D	E	F
83V	246	200	97	232	49	49
85V Fixing Position 1	282	210	55	268	55	52
85V Fixing Position 2			90	268	55	52
87V	282	210	90	268	55	52

(Unit: mm)

Top jamb installation

This illustration shows left hand configuration (DIN R).

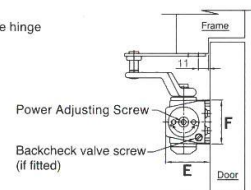
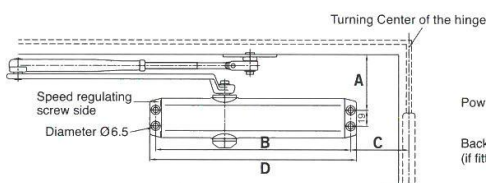
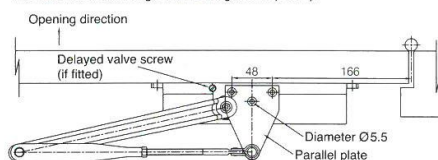


TYPE	A	B	C	D	E	F
83V	246	97	232	200	49	49
85V Fixing Position 1	282	55	268	210	55	52
85V Fixing Position 2			90	210	55	52
87V	282	55	268	210	55	52

(Unit: mm)

Parallel arm installation

This illustration shows right hand configuration (DIN L).

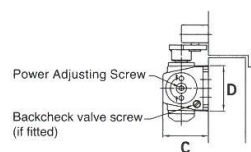
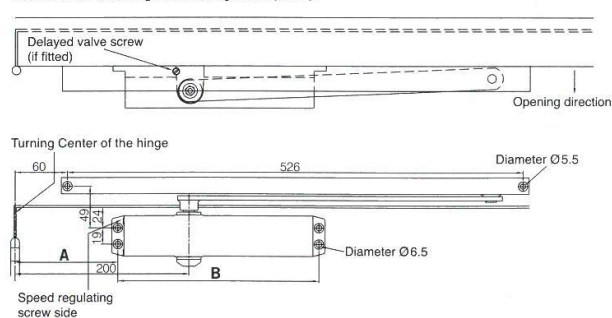


TYPE	A	B	C	D	E	F
83V	69	232	70	246	49	49
85V · 87V	70	268	44	282	55	52

(Unit: mm)

Slide arm installation

This illustration shows right hand configuration (DIN L).



TYPE	A	B	C	D
83V	118	232	49	49
85V · 87V	108	268	55	52

(Unit: mm)

• NHN® PDC100 SERIES



The NHN PDC100 pivot closer, is the first in the Flagship Range from NHN's next generation of hidden door closers.

Incorporating the latest cam type technology, the NHN PDC100 pivot closer offers easy opening with increased efficiency on the closing torque.

The closing speed is easily adjusted via two independent adjustment valves.

Available with or without hold open at 90°.

• Narrow style with high performance.

5 year Guarantee against faulty workmanship.

FEATURES

- Suitable for a glass door 8-13mm thick, 750 - 1000mm wide and a maximum weight of 100kg.
- Supplied non handed the NHN PDC100 provides optimum efficiency with quick and easy installation.
- Simple final adjustments. 3mm backward / forward, 3mm left / right, $\pm 4^\circ$ alignment.
- Ambient temperature $-20^\circ - +50^\circ$.
- Finishes available as standard are satin and polished stainless steel.
(other finishes are available on request).

SELECTION CHART / FUNCTION & ADJUSTMENT

SELECTION CHART

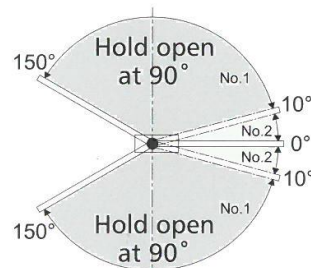
MODEL NO.	Function	Door width	Door weight	Max. opening angle
PDC100	Non-hold open	1000mm	100kg	150°
PDC100-S	Hold open (90°)			90°

1

Double action

Non hold open model PDC100:
Maximum opening angle 150°

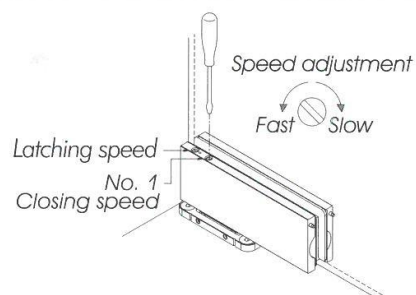
Hold open model PDC100-S:
Hold open position and maximum
opening angle 90°



2

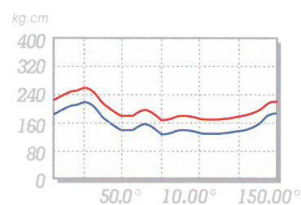
Two speed adjustment

Closing speed (150°~ 10°)
Latching speed (10°~ 0°)

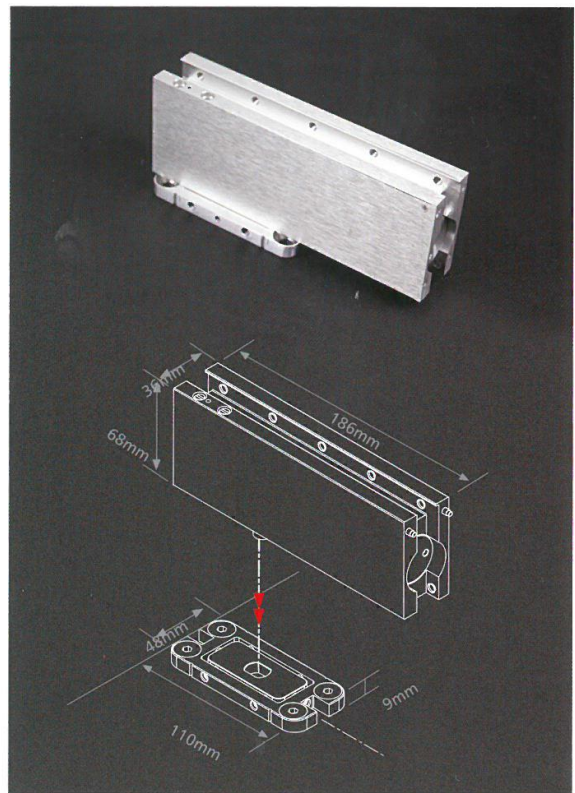
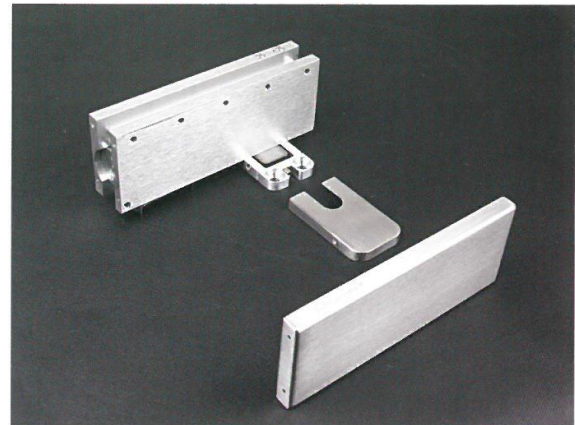
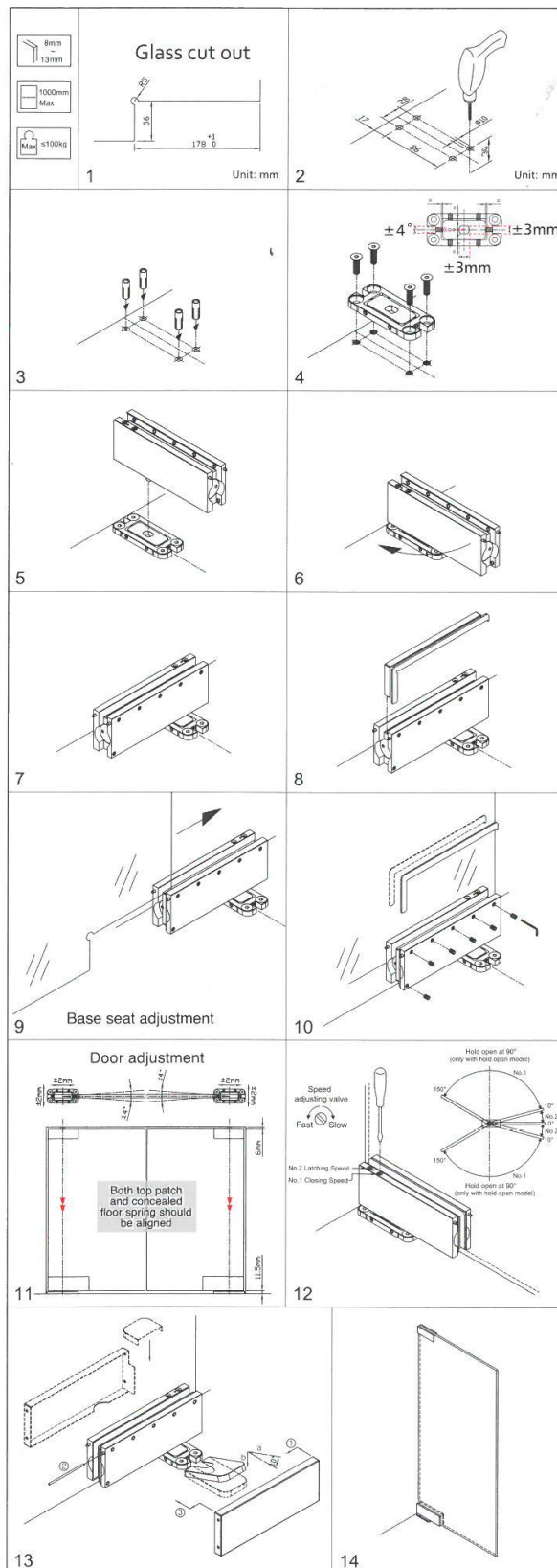


3

Providing over 70% efficiency, the NHN
PDC100 combines light opening with
smooth closing.

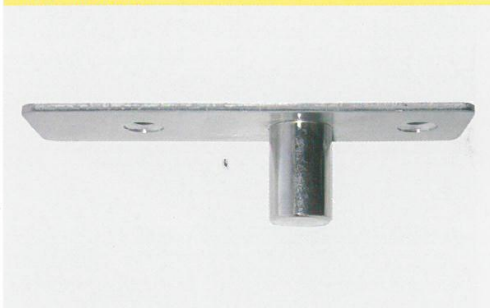


INSTALLATION

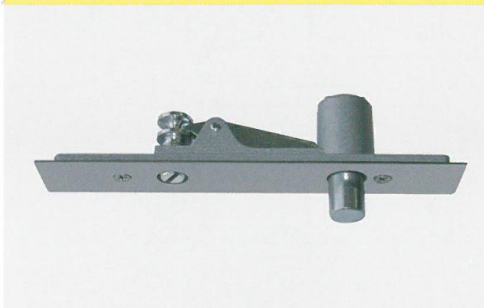


ACCESSORIES

TP1 TOP PIVOT



TP2 TOP PIVOT



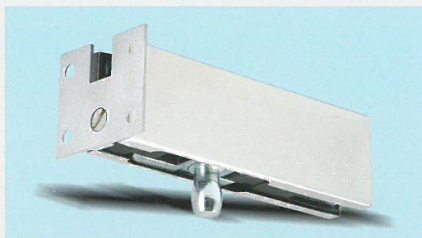
KPF-1 CORNER PATCH



KPF-2 TOP PATCH



KPF-4 WALL MOUNTED TRANSOM PATCH


KENWA CO., LTD. NN[®]
Closing Solutions

TOWER WEST 12FL, UMEDA SKY BUILDING, 1-1-30,
OYODO-NAKA, KITA-KU, OSAKA 531-0076 JAPAN

Phone: 81-(0)6-6454-9721

Facsimile: 81-(0)6-6454-9726

E-Mail: info@kenwa.co.jp <http://www.kenwa.co.jp>

<http://www.micomautodoor.com>

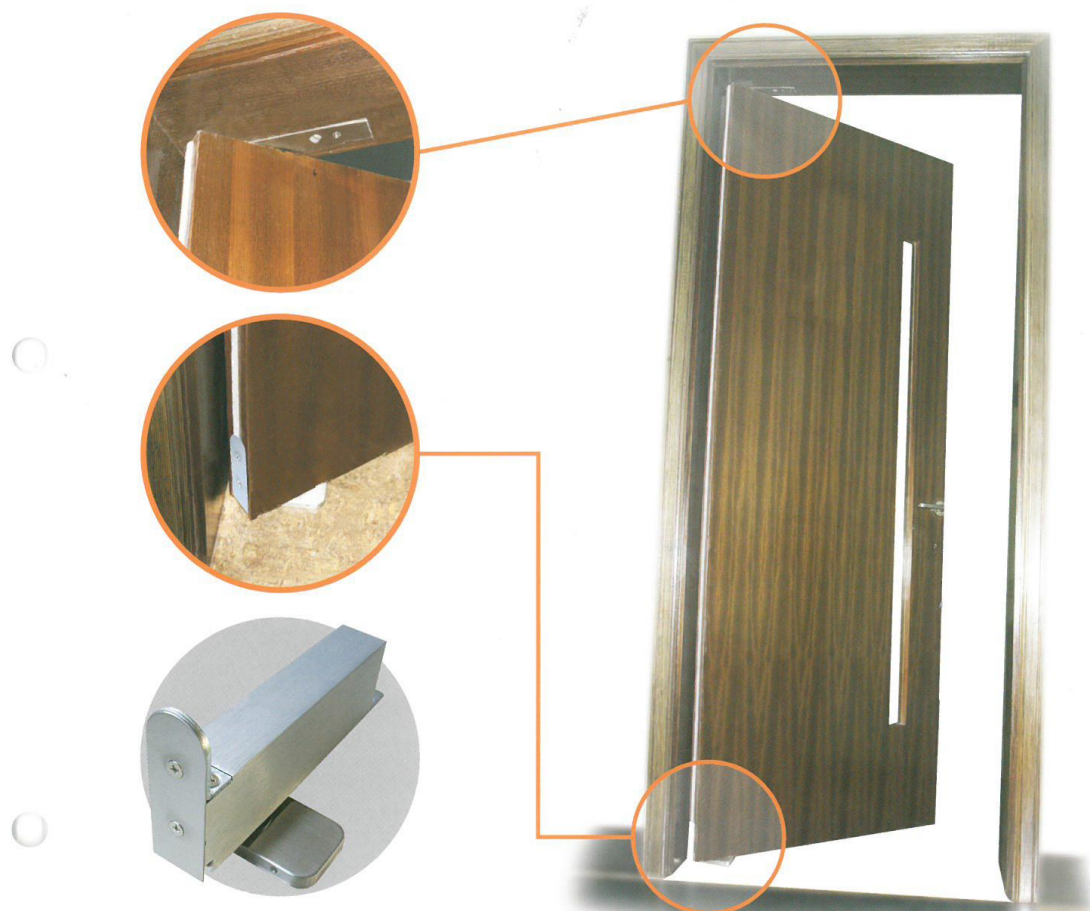
E.&O.E.

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DISTRIBUTED BY

NHN[®] PDC100W SERIES



The NHN PDC-100W pivot closers are suitable for timber, aluminium and steel doors.

Incorporating the latest cam type technology, the NHN PDC-100W pivot closers offer easy opening with increased efficiency on the closing torque.

The closing speed is easily adjusted via two independent adjustment valves.

Available with or without hold open at 90°.

Narrow style with high performance.

Easy installation; costs and time saving as no preparation on the floor needed.

5 year Guarantee against faulty workmanship.

FEATURES

- Suitable for double action doors, maximum 1250 mm wide and a maximum weight of 100 kg.
- Quick and easy installation.
- Low opening resistance and high closing efficiency
- Simple final adjustments, 3mm backward / forward, 3mm left / right, $\pm 4^\circ$ alignment.
- Ambient temperature -20°C - $+40^\circ \text{C}$.
- Cover plates in satin stainless steel as standard. Polished stainless steel available.
- Complete with top pivot set.

SELECTION CHART / FUNCTION & ADJUSTMENT

SELECTION CHART

MODEL NO.	Function	Max. door width	Max. door weight	Max. opening angle
PDC103W	Non-hold open	950mm	100kg	150°
PDC103WS	hold open 90°			
PDC105W	Non-hold open	1250mm	100kg	
PDC105WS	hold open 90°			

It is recommended to use a door stop at 150° by the non-hold open models and at 90° by the hold open models.

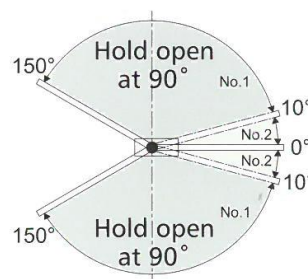
Model PDC-103W (S) can only be installed on interior doors, not suitable for exterior doors or doors exposed to strong winds. Even for PDC-105W (S) models please note that due to the cam type technology heavy winds might cause opening of the door to a certain angle.

1

Double action

Non hold open model PDC103W,105W:
Maximum opening angle 150°

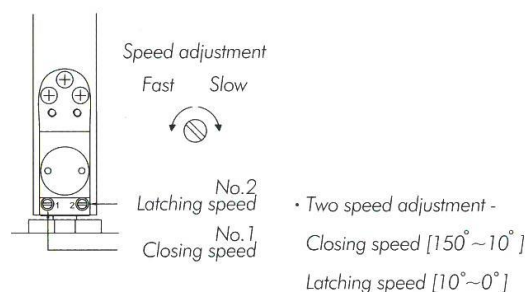
Hold open model PDC103WS,105WS:
Hold open position angle 90°,
maximum opening angle 150°.



2

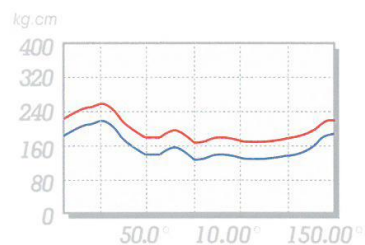
Two speed adjustment

Closing speed (150°~ 10°)
Latching speed (10°~ 0°)



3

Providing over 70% efficiency, the NHN PDC100W combines light opening with smooth closing.



Shown curves refer to PDC103W

INSTALLATION

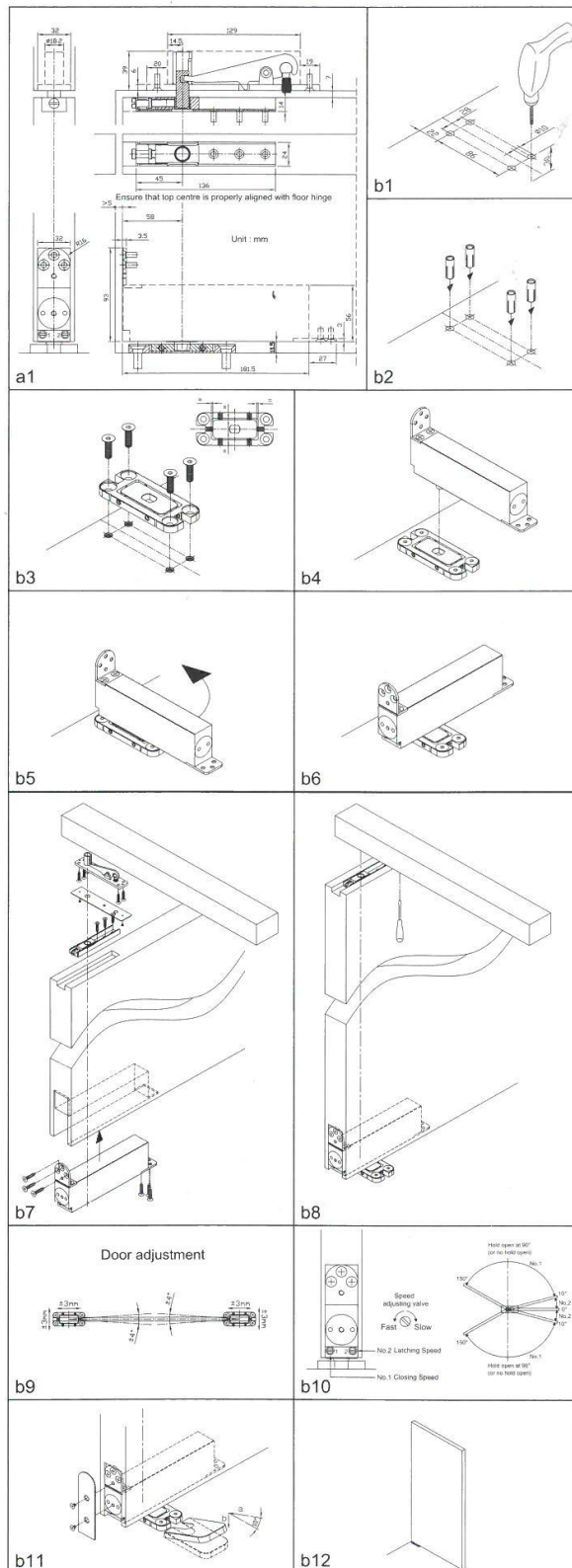
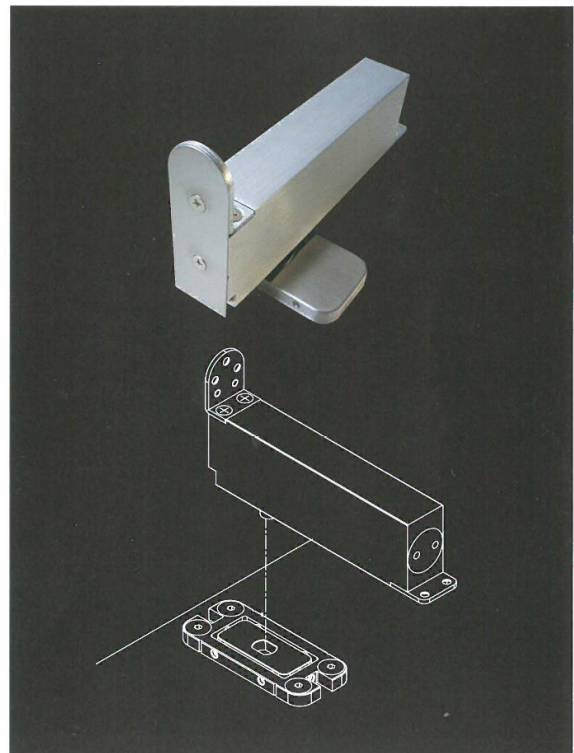


Illustration shows the installation of model PDC103W(S)



Hold open model PDC103WS,105WS;
Hold open position angle 90°,
maximum opening angle 150°.

ACCESSORIES

TP2 TOP PIVOT



DOOR PART OF TOP PIVOT SET



PDC100W FPCP FIXING PLATE with stainless steel cover



PDC100W CP Stainless steel COVER PLATE

**KENWA CO., LTD.**NN[®]
Closing SolutionsTOWER WEST 12FL, UMEDA SKY BUILDING, 1-1-30,
OYODO-NAKA, KITA-KU, OSAKA 531-0076 JAPAN

Phone: 81-(0)6-6454-9721

Facsimile: 81-(0)6-6454-9727

E-Mail: info@kenwa.co.jp <http://www.kenwa.co.jp><http://www.micomautodoor.com>

E&O.E.

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**PROGRESSIVE CONTROLS****02 6280 4655**www.progressivecontrols.com.au

DOOR CLOSERS



	TS5000 SIL	STANDARD CLOSER SLIDE RAIL	SIZE 2 – 6
	TS500HO SIL	HOLD OPEN CLOSER SLIDE RAIL	SIZE 2-6
		DELAY ACTION CLOSER SLIDE RAIL	SIZE 2-6
	TS4000 SIL	STANDARD CLOSER	Size 2 - 6
	TS4000 HO SIL	HOLD OPEN CLOSER	Size 2 – 6
	TS4000DA SIL	DELAYED ACTION CLOSER	SIZE 2 - 6

DOOR CLOSERS



TS68	REGULAR ARM BACK CHECK WITH PA BRACKET	EN2-4
TS73V	REGULAR ARM BACK CHECK, DELAY ACTION WITH PA BRACKET	EN 1-4
TS83	REGULAR ARM BACK CHECK, DELAY ACTION WITH PA BRACKET	EN 3-6
TS93B	SLIDE RAIL PULL SIDE	EN 1-5
TS93G	SLIDE RAIL PUSH SIDE	EN 1-5



7724SIL	Standard inc PA bracket	SIZE 1-4
7724HSIL	Hold open inc PA bracket	SIZE 1-4
7724SR SIL	Slide rail with hold open	SIZE 1-4
7724-180SIL	Drop Plate	
7726SSS	Standard inc PA bracket	SIZE 2-6
7726HSSS	Hold open inc PA bracket	SIZE 2-6
7726SRSSS	Slide rail with hold open	SIZE 2-6
7726-180SIL	Drop Plate	

CONCEALED OVERHEAD CLOSERS [Transom Closers]

2 Year warranty

Includes complete kit with all standard fixings for Aluminium doors

30-30* NHO Non Hold-open 90

30-31* HO Hold-open 90

30-32* NHO Non Hold-open 105

30-33* HO Hold-open 105

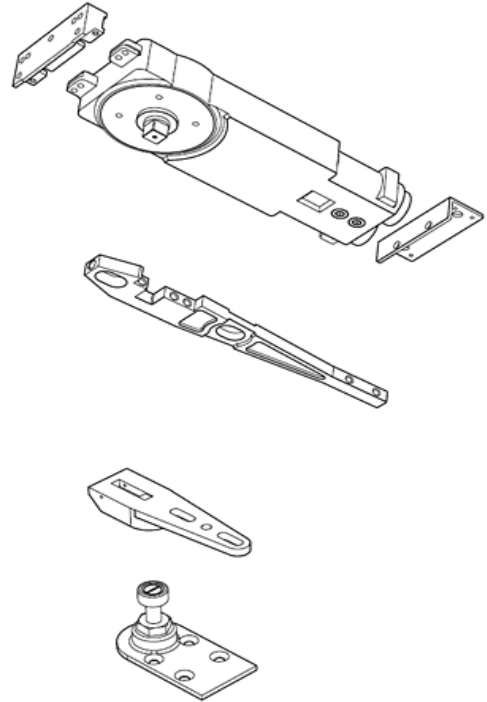
30-40 NHO Non Hold-open

30-41 HO Hold-open 105

Accessories:

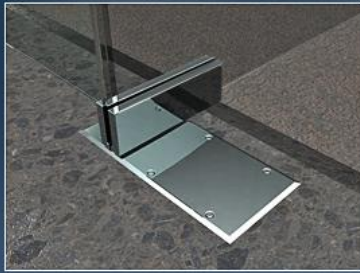
Bottom Pivot Set*

Top Strap & Channel & Fixing Block

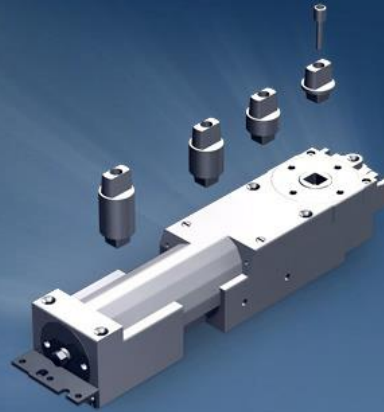


TRANSOM CLOSERS

RTS 85 Please specify for NHO or HO And SIZE	NON HOLD OPEN 90° HOLD OPEN 105° HOLD OPEN	EN2 To EN3 To EN4 To EN5 To	
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Floor Spring Series



Floor Springs 2 Year Warranty

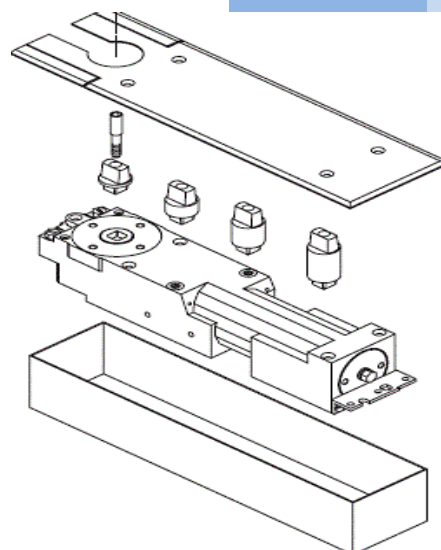
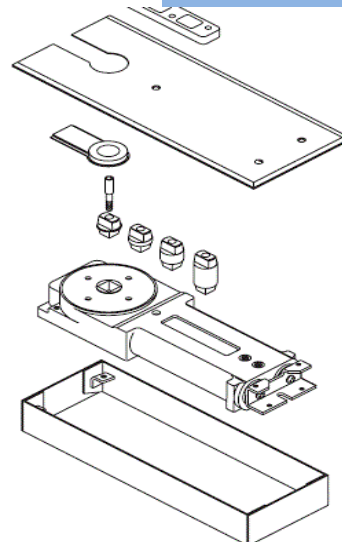
Price includes Cement box, Cover Plate & Screws

600 Series* HO Hold-open NHO
Non Hold-open
For doors to 100 Kg - Fixed spindle
Cement box 307 mm x 108 mm x 40mm

610 Series* HO Hold-open NHO
Non Hold-open
For doors to 100 Kg
Interchangeable spindle
Cement box 307mm x 108mm x 40mm



650 Series* HO Hold-Open NHO
Non Hold-open
for doors to 300 Kg
Cement box 341 mm x 78 mm x 60mm
[Same as BTS 80]

Accessories:
Door Strap*
Adjustable Top Pivot - 2 part set*
Fixed Top Pivot*
Fixed Floor Pivot* Std,





FLOOR SPRINGS

	TS500NV	90° HOLD OPEN 105° HOLD OPEN NON HOLD OPEN	SIZE 4
	TS550	90° HOLD OPEN 105° HOLD OPEN NON HOLD OPEN	SIZE 2-5



Floor Springs

BTS 75V	STANDARD 90° HOLD OPEN NO COVER PLATE	EN 1-4	
BTS 80 Box size 341mmL x 78W x 60H	STANDARD ADJUSTABLE HYDRAULIC HOLD OPEN DEVICE NO COVER PLATE	EN 3 EN 4 EN 6	
BTS 84	STANDARD 90° HOLD OPEN NO COVER PLATE	EN 2 EN 4	







7750	90° HOLD OPEN 105° HOLD OPEN NON HOLD OPEN	EN3-6	
8800	90° HOLD OPEN 105° HOLD OPEN NON HOLD OPEN	EN2 EN3 EN4	

**OTHER CLOSERS AND BRANDS AVAILABLE
PLEASE CONTACT US FOR PRICE AND AVAILABILITY**

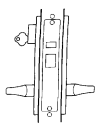
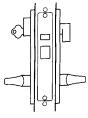
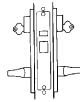
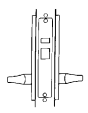
MORTICE LOCKS





	3P572 	Lockwood 3572 Universal Locks
	3582 	Lockwood 3582 Short Back set Universal Locks

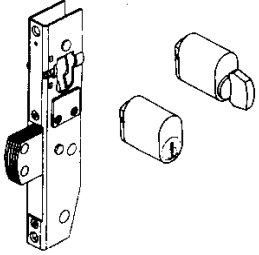
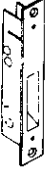


NARROW STILE LOCK KITS



	3P82 Kit 05 (3582 Z)	Classroom Lock – Free Escape Cylinder & Handle Outside Handle only Inside
	3P82 Kit 04 (3582 XT)	Vestibule Set Cylinder & Handle Outside Snib & Handle Inside
	3P82 Kit 01 (3582 ZZ)	Glass Door Lock Cylinder & Handle Outside Cylinder & Handle Inside
	3P82 Kit 03 (3582)	Passage Latch Handle only outside Handle only inside



NARROW STILE LOCK FURNITURE 	4800SC 4801/70SC 4805/70SC 4807SC 4900SC 4901/70SC 4904/70SC 4905/70SC 4907SC	Outside Plate Cylinder Hole Only Outside Lever & Cylinder Hole Outside lever Only Outside Blank plate Inside Plate Cylinder Hole Only Inside Lever & Cylinder Hole Inside Lever & Turn knob Inside Lever Only Inside Blank Plate
	 PO1/50/SSS PO2/50/SSS PO3/50/SSS PO4/50/SSS PO5/50/SSS PO6/50/SSS P11/SSS P12/SSS P15/SSS P16/SSS	Outside Lever & Cylinder Hole Inside Lever & Cylinder Hole Inside Lever & Turn knob Outside Lever & Emergency Turn Outside lever Only Inside Lever Only Outside Plate Cylinder Hole Only Inside Plate Cylinder Hole Only Outside Blank plate Inside Blank Plate

SHOP-FRONT LOCKS

	<p>PC43x37sc</p> <p>PC43x22sc</p> <p>PC643x29sc Hook bolt</p>	<p>37mm Deadbolt with T-Turn and Cylinder</p> <p>22mm Deadbolt with T-Turn and Cylinder</p> <p>29mm Hook-bolt with T-Turn and Cylinder includes strike</p>
	<p>PC643 ST</p> <p>PC6435A</p>	<p>Hook-bolt Strike - Timber FRAME</p> <p>Hook-bolt Strike - Aluminium FRAME</p>
 <p>Shopfront Deadlock</p>	<p>3540sc</p> <p>3541sc</p> <p>3542sc</p> <p>SP3540 LSSC</p>	<p>DLOCK 22mm bolt</p> <p>DLOCK 28mm bolt w/- hook</p> <p>DLOCK 35mm blot</p> <p>Latching Strike</p>
 <p>Shopfront Deadlock Accessories</p>	<p>SP3540-L1</p> <p>SP3540-L2</p> <p>SP3540-T1</p> <p>SP3540-T2</p> <p>SP3540-T3</p> <p>SP3540-T4</p> <p>SP3540-T5</p> <p>SP3540-T6</p>	<p>45deg lever</p> <p>90deg lever</p> <p>Escape turn</p> <p>Boomerang turn</p> <p>Boomerang turn (large plate)</p> <p>Cylinder turn</p> <p>Escape turn (left)</p> <p>Escape turn (right)</p>



CASEMENT WINDERS (ROTO OPERATORS) For Steel windows

 <p>Winder/Handle/Slide/Screws</p>	<p>W330311</p> <p>W330411</p>	<p>RIGHT HAND</p> <p>LEFT HAND</p>
--	---	--

	NON-LOCKABLE CHAINWINDERS	BLACK WHITE SLIVER BROWN PRIMROSE SPECIAL	W3702
	LOCKABLE CHAINWINDER	BLACK WHITE SLIVER BROWN PRIMROSE SPECIAL	W3802


CHAIN WINDERS



 NON-LOCKABLE CHAINWINDERS PC-177 (left hand) PC-178 (right hand)	CHAIN LENGTH & MATERIAL 150mm – stainless steel 320SS 250mm – stainless steel 420SS 150mm – mild steel 320MS 250mm –mild steel 420MS	FIXINGS Timber or aluminium screws	BLACK WHITE SLIVER BROWN PRIMROSE SPECIAL
 LOCKABLE CHAINWINDER PC-179(left hand) PC-180(right hand)	CHAIN LENGTH & MATERIAL 150mm – stainless steel 320SS 250mm – stainless steel 420SS 150mm – mild steel 320MS 250mm –mild steel 420MS	FIXINGS Timber or aluminium screws	BLACK WHITE SLIVER BROWN PRIMROSE SPECIAL

ELECTRIC CHAIN WINDERS

PC300S

	<p>PC300S has a Stainless steel (AISI 316) double link chain inside a zinc alloy and aluminium case Push – pull force of 200nm Available in 24vDC and 240vAC with current absorption</p> <p>Silver Special colours to order</p>	
Technical Features		
Operating Voltage	24vDC	240vAC
Maximum thrust load	200nm	
Maximum tension load	200nm	
Stroke	0mm-400mm	
Travel speed without load	9mm/S	
Operating temperature	-15 to +45	
Electrical protection	IP32	
Dimensions	30H x 335L x 42mmW	
PRICE		

PC400V

	<p>PC400V has a Stainless steel (AISI 316) double link chain inside a zinc alloy and aluminium case</p> <p>5 standard selectable strokes from 150mm to 300mm</p> <p>Push – pull force of 300nm</p> <p>Available in 24vDC and 240vAC with current absorption</p> <p>Silver Special colours to order</p>	
Technical Features		
Operating Voltage	18-36vDC	240vAC
Maximum thrust load	300nm	
Maximum tension load	300nm	
Stroke	150mm - 250mm - 300mm - 350mm - 400mm	
Programmable stroke position ('U')	12 – 400mm	
Travel speed without load	12mm/S	
Operating temperature	-15 to +70	
Electrical protection	IP42	
Dimensions	35H x 470L x 53mmW	

ELECTRIC CHAIN WINDERS

PC400DV

	<p>PC400DV has a Dual Stainless steel (AISI 316) double link chain inside a zinc alloy and aluminium case</p> <p>5 standard selectable strokes from 150mm to 300mm</p> <p>Push – pull force of 400nm</p> <p>Available in 24vDC and 240vAC with current absorption</p> <p>Silver Special colours to order</p>
Technical Features	
Operating Voltage	18-36vDC 240vAC
Maximum thrust load	400nm
Maximum tension load	400nm
Stroke	150mm - 250mm - 300mm - 350mm - 400mm
Programmable stroke position ('U')	12 – 400mm
Travel speed without load	12mm/S
Operating temperature	-15 to +70
Electrical protection	IP42
Dimensions	35H x 1210L x 53mmW 35H x 1610L x 53mmW

Other Chain Winders

	<p>PC 250-C 24DC</p> <p>PC 250-C 230Vac</p>	<p>SILVER</p>
	<p>PC 250-D 24DC</p> <p>PC 250-D 230Vac</p>	<p>SILVER</p>
	PC-1-A1	ACCESSORY PACK FOR PC250
	PC-VAR A2	ACCESSORY PACK FOR PC VAR-S/400
	PC-VAR A3	ACCESSORY PACK FOR PC VAR-D/400
	PC-S/VAR BH	BRACKET FOR HOPPER WINDOWS TO SUIT PC-S AND PC-VAR



**PC35378
Single Zone
Control Panel**

**Control Panel for up
to 5 Electric chain
winders
PC300S/24V or
PC400V/24V
Accepts inputs from
wind/Rain sensors**



**PCU35384 C-VP
3 Zone
Control Panel**

**Control Panel for up
to 5 Electric chain
winders
PC300S/24V or
PC400V/24V
3 Switching zones
Accepts inputs from
wind/rain sensors**



**PC 01 240V SS Chain
300mm 250Nm**

**Electric Chain
Winder 300mm SS
Chain - 250Nm**



**PC 18 RC 24V 300mm
250Nm
Inc 1 Remote Control**

**Remote controlled
Electric Chain
Winder 300mm
Chain 250Nm
with 1 Remote
Control**

Lockwood **Elevation** Electric Chain Winders



ELEVATION
Electric Chain Winder
Black
[No Power Supply]



ELEVATION
Electric Chain Winder
White
[No Power Supply]



Elevation
Touch Pad



Elevation
Rain Sensor
Note:
SPS 1000 Power Supply is
Required



Elevation
Network Adaptor
[For Switch Only]

No Picture

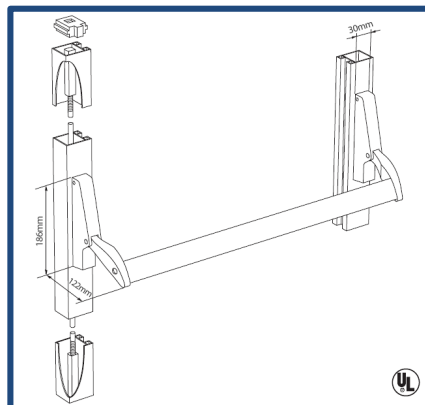
Elevation
Sync Loom
for 2 Winders

No Picture

Elevation
SPS 1000
Power Supply for 1 Winder



PC920 Series PANIC BARS WITH CONCEALED VERTICAL RODS



PC920 - FEATURES:

- For use with narrow, medium and wide stile Aluminum doors.
- Non-Handed, for LH or RH doors.
- Latch Bolt throw 5/8".
- Dogging by Cylinder Key or by Slotted Screw in bottom of inside Pads.
- Units use standard Mortise Cylinders with MS type Cam and # 913 Cylinder Mounting Pad.
- Standard Unit fits doors up to 48" in width (cut cross bar to fit) and up to 84" in height.
- Units mount on door with concealed fasteners.
- Finish available Clear Anodised

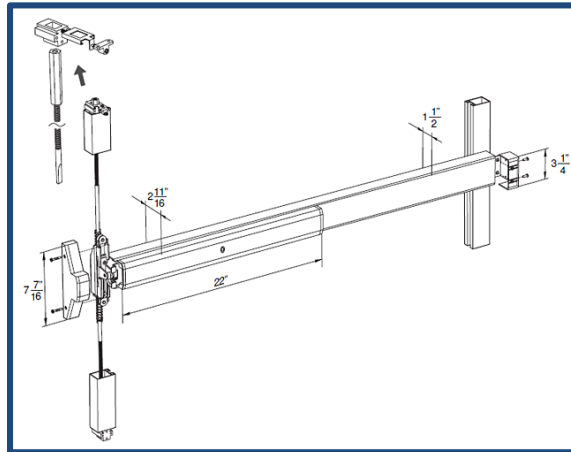
920/900 suits doors 2100 x 900mm

920/1200 suits doors 2100 x 1200mm

Tall door extension

Cylinder & escutcheon

Panic Exit Devices -/cont



PC940 - FEATURES:

940 Series Panic Bar with Concealed vertical rods

940/900 suits doors 2100 x 900mm

940/1200 suits doors 2100 x 1200mm

Options: Tall door extension Cylinder & escutcheon

- For use with narrow, medium and wide stile Aluminum doors.
- Non-handed, Field Reversible for LH or RH doors.
- Outside Unlatching and Dogging by Cylinder Key or Dogging by Hex Key in Touch Bar.
- Top Steel Toggle Latch and Bottom Steel Rod Latch Bolt.
- Units use Standard Mortise Cylinder with MS Type Cam and # 913 Cylinder Mounting Pad.
- Standard Units for 36" and 48" door widths (cut bar to fit) and up to 84" in height.
- Can be used on 30" wide doors. Finish available Clear anodized

5000 Series Panic Bar Surface Mount Latching type

5000/900 suits doors 900mm

5000/1200 suits doors 1200mm

Cylinder & escutcheon

5100 Series Panic Bar with concealed vertical bars

5100/900 suits doors 2100 x 900mm

5100/1200 suits doors 2100 x 1200mm

Tall door extension

Cylinder & escutcheon

Exidor Series Panic Bars - Surface mounting



Model 294 Single to suit 2400 H x 1200

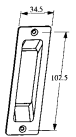
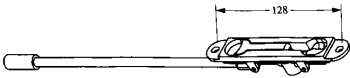

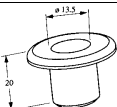



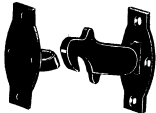



Model 295 Double to suit Pair doors






Model 296 Rim Type

Model 302 Cylinder Locking Device - suit all models above

Model 299 Dogging Device to suit 294 & 295

GENERAL HARDWARE

	Flush Pulls SSS/PSS	PCFP110
	Flush bolts 300mm & 600mm	PCFB300 PCFB600
	PANIC BOLTS 300mm 450mm 600mm	visible fix 1791/300 1791/450 1791/600 concealed fix 1781/300 1781/450 1781/600
	Top Hat Ferrules	DN205
	Standard door stop SPACER	290SC 291SC
	Heavy duty door stop	250SC
	Concealed fix Door Stop	280SC
	Auto Door stop STD	PC005 SCP
	Auto Door Stop Extended	PC005E SCP
	SKIRTING MOUNTED	350CA
	FLOOR MOUNTED	400SC
	SKIRTING MOUNTED	500SSS

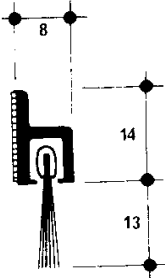
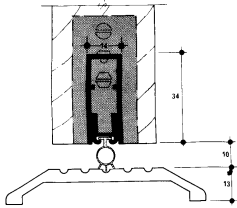
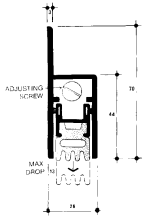
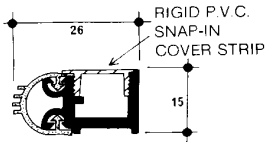


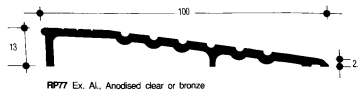
	Part No	Max sash	Sash weight	
	P1002	600mm	10kg	
	P1002NF	600mm	10kg	
	P1003	800mm	20kg	
	P1003NF	800mm	20kg	
	P1004	1800mm	30kg	
	P1004NF	1800mm	30kg	
	230	750mm	6kg	
	230NF	750mm	10kg	
	330	1000mm	9kg	
	500	1300mm	12kg	
	750	1800mm	13kg	
	420HD A	1800mm	15kg	
	420HD A	1500mm	20kg	
	420HD A	1200mm	43kg	
	230 4BC	800mm	25kg	
	230 4BCNF	800mm	25kg	
	430 4BC	1000mm	40kg	
	430 4BCNF	1000mm	40kg	
	Awing restrictor	Max opening 100mm		
	Casement restrictor	Restrictor length 270mm		



DN129	1200mm	32kg
DHS10"	770mm	50kg
DHS16"	1120mm	70kg
DHS22"	1320mm	74kg
DHS10"	1530mm	35kg
DHS16"	1620mm	42kg
DHS22"	1800mm	50kg

DOOR SEALS & THRESHOLDS



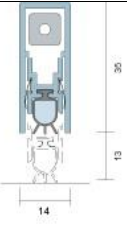
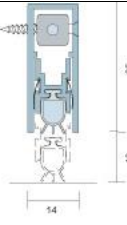
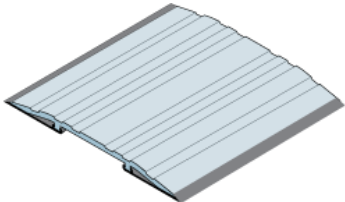
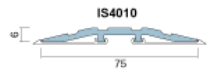
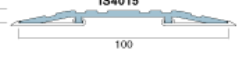


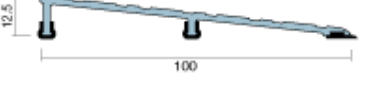

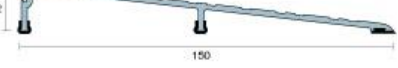
 <p>RP2B</p>	<p>BRUSH STRIP</p> <p>RP2A</p> <p>RP2B</p> <p>RP15</p> <p>RP57</p> <p>RP58</p> <p>RP74</p> <p>RP75</p>	<p>BRUSH LENGTH</p> <p>19mm</p> <p>13mm</p> <p>25mm</p> <p>50mm</p> <p>75mm</p> <p>13mm</p> <p>19mm</p>
	<p>AUTOMATIC BOTTOM DOOR SEAL</p> <p>RP8</p>	<p>LENGTH</p> <p>600mm</p> <p>820mm</p> <p>920mm</p> <p>1070mm</p> <p>1220mm</p>
	<p>HEAVY DUTY AUTOMATIC DOOR BOTTOM SEAL</p> <p>RP38</p>	<p>LENGTH</p> <p>600mm</p> <p>820mm</p> <p>920mm</p> <p>1070mm</p> <p>1220mm</p>
 <p>RIGID P.V.C. SNAP-IN COVER STRIP</p>	<p>FRAME/DOOR SEAL</p> <p>RP10</p>	<p>DOORSET'S</p> <p>single</p> <p>long single</p> <p>double</p> <p>long double</p>
 <p>RP28: Brass. Brass screws supplied. Polished extrusions are</p>	<p>ALUMINIUM THRESHOLD RP28</p>	
 <p>RP19 Ex. Al., screws supplied. Anodised clear or bronze 25 microns.</p>	<p>ALUMINIUM THRESHOLD RP19</p>	
 <p>RP77 Ex. Al., Anodised clear or bronze 25 microns. Screws supplied.</p>	<p>ALUMINIUM THRESHOLD RP77</p>	

The complete range of RAVEN door seals and thresholds is available.

Price on application - Price may vary dependent on quantity.

For quantity buys contact Progressive Controls.

DOOR SEALS & THRESHOLDS






	IS8010si	380mm 600mm 820mm 920mm 1070mm 1220mm	
	IS8011si	380mm 600mm 820mm 920mm 1070mm 1220mm	
     	IS4010	1000mm 2250mm Then 250mm increments to 5000mm	
	IS4015	1000mm 2250mm Then 250mm increments to 5000mm	
	IS4020	1000mm 2250mm Then 250mm increments to 5000mm	
	IS4025	1000mm 2250mm Then 250mm increments to 5000mm	
	IS4070	1000mm 2250mm Then 250mm increments to 5000mm	
	IS4075	1000mm 2250mm Then 250mm increments to 5000mm	
	IS4077	1000mm 2250mm Then 250mm increments to 5000mm	

ELECTRIC STRIKES








Illustrated

ALL Major brands available Inc. PADDE - Assa Abloy

	FEM 20	Non-Monitored multi-function high security electric door strike
	FEM 20M	Fully Monitored multi-function high security electric door strike
	FEM 15 FEM15M (monitored)	Rim mount electric door strike Available monitored And non-monitored
	FEM 10 FEM 10M (monitored)	ANSI multi-functional electric door strike Available monitored And non-monitored
	EXTENSIONS For FEM 10, FEM 10M FEM20 and FEM20M	

MAGNETIC LOCKS

	FEM 5700 FEM 5700M (MONITORED)	SINGLE DOOR SURFACE MOUNT STANDARD-TYPE ELECTRO MAGNETIC LOCK
	FEM 5700D FEM 5700DM (MONITORED)	STANDARD DOUBLE DOOR, SURFACE MOUNT AND STANDARD TYPE
	FEM 3500 FEM 3500M (MONITORED)	SLIM SINGLE DUAL-MON MAG LOCK
	FEM 3500D FEM 3500DM (MONITORED)	SLIM-LINE DOUBLE DOOR SURFACE MOUNT
	FEM 3500FM (MONITORED)	FLUSH MOUNT DUAL-MON MAG LOCK

GLAZING SUPPLIES & TOOLS

	Glass Sucker	
	Dual Glass Sucker	
	HACKING KNIFE	
	VINYL ROLLERS	
	SCRAPE & PRY BARS	
	TOYO GLASS CUTTERS	
	MIRROR TAPE	
	GLASS PLIERS	
	Secateurs & Anvil & Blade Spare parts	

MASKING TAPE

TaptMask18	18mm	1 ROLL	
TaptMask24	24mm	1 ROLL	
TaptMask32	32mm	1 ROLL	

GLAZING TAPE

DOUBLE SIDED FOAM GLAZING TAPE	1.6mm x 9mm 3.2mm x 9mm 4.8mm X 9mm 6.4mm x 9mm	45 Metre Roll 23 Metre Roll 15 Metre Roll 15 Metre Roll	
	4.8mm x 12mm	15.2 Metre Roll	
	1.6mm x 18mm	33 Metre Roll	
	1.6mm x 24mm	33 Metre Roll	
	3.2mm x 24mm	16.5 Metre Roll	
			
Setting Block Rubber	SR12 x 3	12mm x 3mm	
	SR 12 X 5	12mm x 5mm	
	SR 10 X 12	10mm x 12mm	
	SR 12 X 12	12mm x 12mm	
	SR 15 X 12	15mm x 12mm	
	SR 15 X 15	15mm x 15mm	
	SR 28 X 3	28mm x 3mm	
	SR 28 X 6	28mm x 6mm	
	SR 28 X 12	28mm x 12mm	

CAT & DOG DOORS



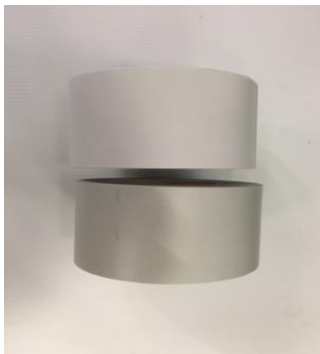


	CD1 CAT DOOR	TO SUIT GLASS
	DD1 DOG DOOR	TO SUIT GLASS

Cleaning – Lubricants - Solvent

		SL300	SILICONE LUBRICANT
		SS300	SILICONE SOLVENT
		GC500	GLASS CLEANER

SILICONE AND PUTTY'S

	V60	TRANSLUCENT BLACK SILVER WHITE GREY
	333	TRANSLUCENT BLACK
	V2	TRANSLUCENT BLACK WHITE
	MULTI PURPOSE	WHITE
	HANDI CLEAN WIPES	TUB OF 70 WIPES
	GLAZING PUTTY WHITE	400g 1.75kg 4.5kg 20kg
	CAULKING GUNS	S4 HANDYMAN S5 TRADESMAN (PICTURE SHOWN) S6 PROFESSIONAL

	SILICONE SPATULA	SS1
	Felt [Compressed Lambswool] DECAL Applicator	Felt Squeegee
	Crystal Glass Decal 75mm x 50 meter Dusted Glass Decal 75mm x 50 meter	Decal CG75/50 Decal DG75/50
	Decal Application Kit Decal, Spray bottle, Squeegee & Quickstik	Decal Kit
	Paper Towel	Paper Towel

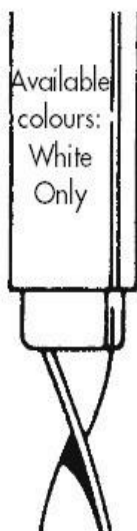
Unique Sash Balances

SASH BALANCE TYPES, COLOURS AND SPECIFICATIONS



Available colours:
White
Brown
Black
Grey

TYPE 'D'
STANDARD
14mm DIAMETER
TO SUIT
16mm x 16mm
REBATE
SASH WEIGHT UP TO
13.5kg



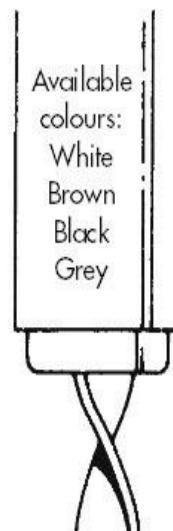
Available colours:
White
Only

TYPE 'A'
9.5mm DIAMETER
TO SUIT
11mm x 11mm
REBATE
SASH WEIGHT UP TO
8kg



Available colours:
White
Brown
Black
Grey

TYPE 'B'
12.4mm DIAMETER
TO SUIT
14mm x 14mm
REBATE
SASH WEIGHT UP TO
13.5kg



Available colours:
White
Brown
Black
Grey

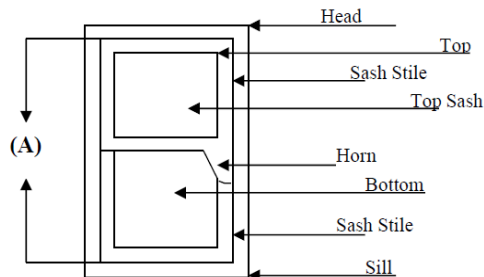
TYPE 'HD'
12.4mm DIAMETER
TO SUIT
14mm x 14mm
REBATE
SASH WEIGHT UP TO
17.5kg

Instructions to determine required Unique Sash Balance

The correct type of balance required for your window is governed by the size and weight of the sashes. The following information is required to ensure the correct balances are manufactured for your windows.

1. Measure overall window height accurately as per the diagram Below and select correct Balance Product Number as per the chart to the right. (Instructions for chart are at the bottom of the page).
2. Weigh window sash (place bathroom scales under sash) to determine correct spring size for manufacturing purposes.
3. Determine rebate size. Your rebate size will determine what type of balance your window requires. There are three (3) different diameter balances as described below.

Type A	Type B	Type D	Type HD
3/8" 9.5mm Diameter	1/2" 12.7mm Diameter	9/16" 14.3mm Diameter	1/2" 12.7mm Diameter
Residential Grooving	Commercial Residential Grooving	Commercial Residential Grooving	Commercial Residential Grooving
7/16"x7/16"	9/16"x9/16"	5/8"x5/8"	9/16"x9/16"
11mmx11mm	14mmx14mm	16mmx16mm	14mmx14mm
Sash Weight to 8.16 kg	Sash Weight to 13.6 kg	Sash Weight to 13.6 kg	Sash Weight to 18 kg



	Product Number Required for Bottom Sash	Product Number Required for Top Sash	Product Number Required for Top Sash With 50mm Horn	Sash Product No	Tube Size in mm
(A)	(B)	(C)	(D)		
mm	mm				
635 - 690	10		10	10	330
690 - 735	11		11	11	355
735 - 785	12	10	12	12	380
785 - 840	13	11	13	13	405
840 - 890	14	12	14	14	430
890 - 940	15	13	15	15	455
940 - 990	16	14	16	16	485
990 - 1040	17	15	17	17	510
1040 - 1090	18	16	18	18	535
1090 - 1145	19	17	19	19	560
1145 - 1195	20	18	20	20	585
1195 - 1245	21	19	21	21	610
1245 - 1295	22	20	22	22	635
1295 - 1345	23	21	23	23	660
1345 - 1395	24	22	24	24	690
1395 - 1450	25	23	25	25	715
1450 - 1500	26	24	26	26	735
1500 - 1550	27	25	27	27	760
1550 - 1600	28	26	28	28	785
1600 - 1650	29	27	29	29	815
1650 - 1700	30	28	30	30	840
1700 - 1755	31	29	31	31	865
1755 - 1805	32	30	32	32	890
1805 - 1855	33	31	33	33	915
1855 - 1905	34	32	34	34	940
1905 - 1955	35	33	35	35	965
1955 - 2005	36	34	36	36	990
2005 - 2055	37	35	37	37	1015
2055 - 2110	38	36	38	38	1040
2110 - 2160	39	37	39	39	1065
2160 - 2210	40	38	40	40	1090
2210 - 2260	41	39	41	41	1115
2260 - 2310	42	40	42	42	1145
2310 - 2360	43	41	43	43	1170
2360 - 2415	44	42	44	44	1195
2415 - 2465	45	43	45	45	1220
2465 - 2515	46	44	46	46	1245
2515 - 2590	47	45	47	47	1270
2590 - 2615	48	46	48	48	1295

Column A

The total overall height of your window will fall between a size range in column (A) in the chart above

Column B

When you have found a figure in column (A) that your window measurement fits between follow that row across to column (B), This is the product number for a **Bottom Sash**

Column C

This is the product number for your **Top Sash**

Column D

This is the product number required for a **Top Sash with 50mm Horns** as per window illustration.

(These instructions assume that both top and bottom sashes are of equal size and meet at the mid rail)

Unique Sash Balances Types - Sizes - Weights

A Type Balance 9.5mm diameter (3/8")

Product Number	Standard Spring	Weight Range	Available Colours (Standard In Bold)
Up to 18	2 Spring	Up to 6.35 Kg	White Only
19 and over	3 Spring	6.35 – 8.16 kg	White Only

B Type Balance 12.7mm diameter (1/2")

Product Number	Standard Spring	Will Carry following weight Range	Available Colours (Standard In Bold)
Up to 24	2 Spring	Up to 6.35 Kg	Black , White, Grey, Brown
25 to 32	3 Spring	6.35 kg – 8.16 Kg	Black , White, Grey, Brown
33 and over	4 Spring	8.16 kg – 14 Kg	Black , White, Grey, Brown

D Type Balance 14.3mm diameter (9/16")

Product Number	Standard Spring	Will Carry following weight Range	Available Colours (Standard In Bold)
Up to 25	2 Spring	Up to 6.35 kg	Grey , White, Black, Brown
26 to 32	3 Spring	6.35 kg – 9 kg	Grey , White, Black, Brown
33 and over	4 Spring	9 kg – 13.6 kg	Grey , White, Black, Brown

HD (Heavy Duty) Type Balance 12.7mm diameter (1/2")

Product Number	Standard Spring	Will Carry following weight Range	Available Colours (Standard In Bold)
All Sizes	0 Spring	14kgs – 18 kg	Black , White, Grey, Brown

NOTE: If the weight of the sash is heavier than standard for that size please specify weight and spring size required.

EG: **28 D** Balance with sash weight of **12 kg** requires a **4 Spring** not the standard 3 spring.

PACKERS

75mm PACKERS



90mm JUMBO PACKERS



UNIVERSAL PAKA	COLOUR	PACK
75mm x 1.6mm	Cream	2500
75mm x 3.2mm	Red	1000
75mm x 4.8mm	Brown/Black	1000
75mm x 7.5mm	T/Cotta	1000
75mm x 10.0mm	Grey	500
UNIVERSAL PAKA	COLOUR	PACK
90mm x 1.6mm	ALL BLACK	1000
90mm x 3.2mm		1000
90mm x 4.8mm		1000
90mm x 6.4mm		1000

SCREEN DOOR HARDWARE

	<p>TASMAN LOCKS</p> <p>MK3</p> <p>MK2</p>	<p>BLACK</p> <p>WHITE</p> <p>BROWN</p> <p>PRIMROSE</p> <p>SPECIAL</p>
	<p>LEICHHARDT SLIDING DOOR LOCK</p>	<p>BLACK</p> <p>WHITE</p> <p>BROWN</p> <p>PRIMROSE</p> <p>MAGNOLIA</p>
	<p>SCREEN DOOR CLOSER</p>	<p>BLACK</p> <p>WHITE</p> <p>SLIVER</p> <p>BROWN</p> <p>PRIMROSE</p> <p>MAGNOLIA</p>

DEA Automatic Gate Operators

**This page currently under
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Providing Security, Convenience and Peace of Mind



**SECURITY,
CONVENIENCE
& PEACE
OF
MIND**



Available in DIY Kits: Solar, 240V or 12V. Single & Double Kits available.

Your Kit includes:

- Motor with Logic Control Board
- Arm Set & Safety bracket
- 12w Solar Panel (in Solar Kit only)
- Solar bracket (in Solar Kit only)
- 9 Amp Battery
- 3 Remote Controls
- Radio Receiver
- Comprehensive Instruction Manual

BONUS OFFER:

- Extra 2 remote controls
(makes 5 in total for your kit)
- 1 Wireless push button with 2-position
key-switch (PBRAD2). The key-switch enables
you to enable or disable the push-button.
- Mounting Plate/s to suit your kit



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STANDARD SINGLE **SOLAR** OR **MAINS** GATE OPERATOR KIT INCLUDES:

• **AUSTRALIAN MADE**

Gate Operator:

- ✓ Motor (100% Duty Cycle)
- ✓ Logic Control Board (Pre-wired)
- ✓ Zinc Plated STEEL Chassis + Cover
- ✓ Zinc Plated STEEL Gears
- ✓ Auto adjustable safety reverse feature
- ✓ Self closing or signal to close feature
- ✓ Arm Set & Gate bracket
- ✓ Battery back-up



(Fully charged battery will operator single gate 400/500 continuous cycle)

- Radio Receiver (Pre-wired) & Antenna
- 3 x Remote Controls (Pre-programmed), factory tested 200 metres.
- 12 Watt Solar panel & bracket (in Solar Kit only). Panel can be located up to 100metres from gate. Kit includes 5m cable. Longer lengths of cable available.

Options:

- Wireless (Radio) Digital Keypads
- Digital hard-wired Keypads
- Intercom – Audio and/or Video
- Push Button Key-switch COMBO
- High security electric locking option
- Photo-electric safety (beam triggers) (Mains power units only)
- 4mm or 6mm Solar Cable
- Mounting Plates for easier installation

"A complete range of Swing and Slide Automation is available to suit almost every Commercial, Industrial, Rural & Domestic application."

– Martin Ryan

**DOUBLE GATE
KITS ALSO AVAILABLE**



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sales@progressivecontrols.com.au



**SOLAR +
240V
SLIDE Gate
OPERATORS**



NEW MODEL!

Automaxx 700

Slide Gate Operator DIY Kit

BONUS OFFER:

- 2 Wireless Keypads
- 2 Extra Remote Controls

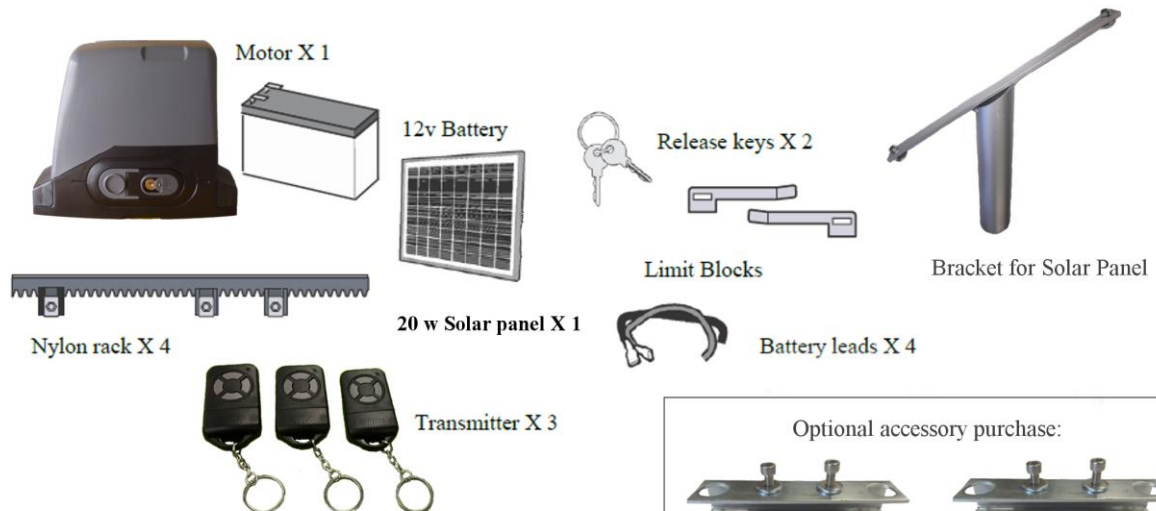


Standard Kit Includes:

- 1 x Master Unit
- 1 x Lever Arm assembly and Gate Bracket
- 1 x Radio Receiver and Antenna
- 3 x Remote Controls
- 1 x 9AH battery Back-up
- 1 x 20 Watt solar panel and bracket
- 1 x Complete Instruction/Owner's manual



Contents of Kit:

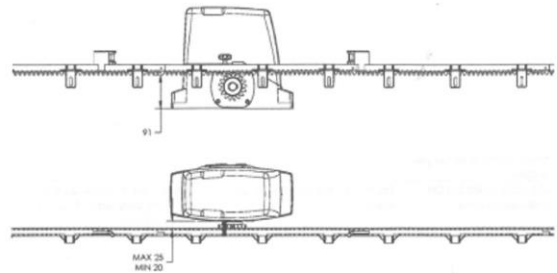
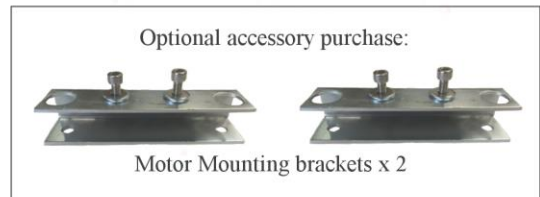


Your SUN-POWER Automaxx Series Auto Sliding Gate Operator has been designed and built to make installation simple and maintenance almost non-existent.

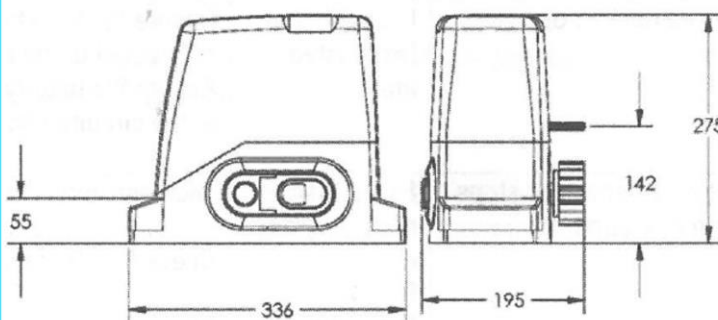
To save you time, and make installation easier, the circuit board is pre-wired & placed under the plastic weatherproof cover together with the Motor/ Battery/ Radio receiver etc. This means that you do not have to spend extra time wiring up to a separate control box. Likewise, the radio receiver is also connected and the 3 remote controls are pre-programmed.

Circuitry for most options is already included. You simply have to connect up the external devices, such as Solar Panel, Antenna, Push buttons etc. The design features in the SUN-POWER Automaxx Series Sliding Gate Operators will save you time on-site, and the installation will be neat & tidy.

Apart from its physical attributes, the control circuit has some powerful operating features. These can be adjusted on-site, without modification to suit a range of situations.



Operator Dimensions:



*Up to 700kg on level ground, free-rolling (i.e. non-binding, not up-hill)

The SUN-POWER Automaxx Series Operators can be used in a variety of situations.

240V AC - SOLAR Power - 12V AC/DC

The powerful control system gives the flexibility to change some important characteristics of the operation, i.e:

- Signal to Close (i.e. from transmitters, e.g. remote controls, digital keypads, push-buttons, photoelectric cells etc.)
- Automatic Close
- Sensitivity to obstacles (e.g. vehicles, children, animals etc.)

The control system also allows for the addition of the following transmitter options:

- Push Buttons
- Photoelectric cells
- Digital Keypads etc



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