Installation Details

X = 8mm
Y = 3mm
Z = 4mm
Patch Fittings
Glass Door Lock
Nexia®
WORLD OF GLASS

5 Lacs
— Cycles Tested

ISO 9002 Listed

New

- High grade cast iron mechanism body is housed within a galvanised steel
  protective box with zinc protected & painted for corrosion resistance.
- Internal mechanism components utilising heat treated high alloy steels &
  ball bearing for optimum efficiency.
- Stabilised hydraulic fluid for any climatic operation & constant lubrication.
- Suitable for bronze metal & tempered glass clovers.
- Suitable for door weight 80KGS - 120KGS.
- Over 500,000 times of circular testing, quality is ensured.

5 LACS
Cycles Tested

1. First adjusting closing range (90°-12°)
2. Second adjusting closing range (15°-0°)
3. Hold open at 90° or 125° (optional extra)
4. Max opening angle at 130°.

NFS-800/900
Double Spring Floor Hinge (Standard Duty)

Type and door weight /width

<table>
<thead>
<tr>
<th>Type</th>
<th>#1</th>
<th>#2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max width  (mm)</td>
<td>860-1000</td>
<td>1000-1200</td>
</tr>
<tr>
<td>Max door weight (kg)</td>
<td>90</td>
<td>120</td>
</tr>
</tbody>
</table>

www.nexiaglassfittings.com
**Surface Mounted Door Closer**

- 600 series is a high-advanced door closer, it is suitable for various high-class wooden doors and metal doors.
- Two adjusting valves that control two sections of door closing speed exactly: (A) Closing speed adjusting valve: Range 10°-20° (B) Latching speed adjusting valve: Range 20°-0°
- Can be fixed in the door frame or in the wooden doors as usual
- Special double spring design
- Aluminum extrusion in high-class imported aluminum alloy

**Glass Door Rails**

![Glass Door Rails Diagram](image)

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www.nexiaglassfitting.com
Motion Sensors

Technology: microwave and microprocessor

- Detection mode: microwave
- Minimum signal: 2 cm/s (measured in the sensor area)
- Supply voltage: 12V to 24V AC ± 10%, 12V to 24V DC ± 10%
- Noise frequency: 50 to 60 Hz
- Power consumption: < 1W (max)
- Output relay (free of potential change-over contact)
  - Max. contact voltage: 12V AC / 6V DC
  - Max. contact current: 1A (rheostatic)
  - Max. switching power: 50W (CO), 100W (HC)
- Time delay: 0.5s to 6s (adjustable)
- Temperature range: -20°C to 55°C
- Degree of protection: IP44
- Form conformity: EN 1073-1:2003 / EN 1073-2:2004
- Dimensions: 128 mm (W) x 80 mm (H) x 96 mm (D)
- Weight: 3.119 kg
- Material: K85
- Colour of housing: anodized gray, aluminum finish or white
- Length of cable: 7.5 m
- Manual adjustment
  - Sensitivity (by push buttons)

www.nexiaglassfitting.com
**DRIVE MECHANISM**

(A) High Efficiency Permanent Neatless Brushless Servo Motor
- Ensure high torque, enabling high speed and capable of driving higher door weights.
- Lower energy consumption and zero maintenance.
- Highest precision level achieved.

(B) Direct Driving Reduction Gear
- Ensure low noise.
- Upgrade driving efficiency after deducting pulley belt

(C) Alloy Heat Treated Steel Gear
- FRC hardness up to 420
- Long life cycle (3 million) withstanding high torsion moment in startup and reduction of running noise.

---

<table>
<thead>
<tr>
<th>Concealed aluminum</th>
<th>Concealed stainless</th>
<th>Surface-mounted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>HEAO-150 DC</td>
<td></td>
</tr>
<tr>
<td>Engine case structure</td>
<td>Aluminum case</td>
<td></td>
</tr>
<tr>
<td>Opening speed</td>
<td>45 cm/sec/leaf</td>
<td></td>
</tr>
<tr>
<td>Closing speed</td>
<td>12 — 45 cm/sec/leaf (adjustable)</td>
<td></td>
</tr>
<tr>
<td>Slow speed</td>
<td>3 — 6 cm/sec/leaf (adjustable)</td>
<td></td>
</tr>
<tr>
<td>Driving belt</td>
<td>Timing belt: SSM - 10mm width</td>
<td></td>
</tr>
<tr>
<td>Driving block</td>
<td>Permanent Magnet brushless servo motor and direct drive single gear box</td>
<td></td>
</tr>
<tr>
<td>Motor Power</td>
<td>Power Rating: 45 W</td>
<td>Starting Power: 180 W</td>
</tr>
<tr>
<td>Weight of door</td>
<td>120 kg (*150 kg)</td>
<td>90 kg x 2 (*120 kg x 2)</td>
</tr>
<tr>
<td>Length of frame</td>
<td>4.2 m</td>
<td></td>
</tr>
<tr>
<td>Hanger Roller</td>
<td>C05 Engineering plastic x 2 Wheels (Balance mechanism, Self-cleaning mechanism)</td>
<td></td>
</tr>
<tr>
<td>Hold opening force</td>
<td>0.5 — 20 sec (adjustable)</td>
<td></td>
</tr>
<tr>
<td>Manual opening force</td>
<td>Press by low push force</td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>-30°C — +60°C</td>
<td></td>
</tr>
<tr>
<td>Auto Reverse</td>
<td>Only in the normal speed area, Not in the slow down area.</td>
<td></td>
</tr>
<tr>
<td>Multi-function</td>
<td>Breakout (Swing open), Side screen safety, Battery low and Fire system connectable (Optional)</td>
<td></td>
</tr>
<tr>
<td>Additional function</td>
<td>Door Lock and GPS (Optional)</td>
<td></td>
</tr>
</tbody>
</table>

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[www.nexiaglassfitting.com](http://www.nexiaglassfitting.com)
New-fashioned ROUND SHOWER DOOR. It has the qualities of stability, sound perspective and harmony. Among it, you may feel wide-field and serenity as if you were in nature.

The Round Shower advantages which convince you and your customers:

- Graceful profile and harmonious design;
- Easy to disassembled and cleanse;
- The best adjustable design for easily wall-mounted installation;
- Eccentric adjustment function for anastomotic accessories installation of glass doors.

New-fashioned CIRCLE SHOWER DOOR. It has the qualities of stability, sound perspective and harmony. Among it, you may feel wide-field and serenity as if you were in nature.

The Circle Shower advantages which convince you and your customers:

- Graceful profile and harmonious design;
- Easy to disassembled and cleanse;
- The best adjustable design for easily wall-mounted installation;
- Eccentric adjustment function for anastomotic accessories installation of glass doors.

www.nexiaglassfitting.com
Brass Shower Hinges
Brass Shower Hinges

NSH - 111

NSH - 222

NSH - 333

NSH - 444

www.nexiaglassfitting.com
NSH - 1101

NSH - 1102

NSH - 1103

NSH - 1104
Glass Connectors
Swing Door System

Nexia is a new glass movable connecting hardware system. All components are standard precision casting components. Can be combined in many ways according to designing demand.

Nexia series components emphasize practicability and convenience. All adopt the bolted joint and avoid welding. The design is accurate, safe, and reliable. Applicable in an extensive range. Can customize specially.
**Connecting System**

**Nexia** new glass movable connecting hardware system. All components are standard precision casting components. Can be combined in many ways according to designing demand.

**Nexia** series components emphasize practicability and convenience. All adopts the bolted joint and avoids welding. The design is accurate, safe and reliable. Applicable in extensive range. Can customize specially.

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**Manual Glass Sliding**

- **NPS - 11A**
- **NPS - 12A**
- **NPS - 13A**
- **NPS - 14A**

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**Manual Glass Sliding**

- **NPFC - 1**
- **NPFC - 3**
- **NPFC - 4**
- **NPFC - 2**

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**www.nexiaglassfitting.com**
Spider Fittings
FIN PLATE / SPICE PLATE

NFP - 1D

NFP - 1E
Door Handle

Glass & Wooden
NDH - 101
PSS+Crystal
25Dx330Hx305CC mm

NDH - 102
PSS+Crystal
25Dx330Hx305CC mm

NDH - 103
PSS+Crystal
25Dx330Hx305CC mm

NDH - 104
PSS+Crystal
25Dx330Hx305CC mm

NDH - 105
PSS+Crystal
25Dx330Hx305CC mm

NDH - 106
PSS+Crystal
25Dx330Hx305CC mm

NDH - 107
PSS+Crystal
25Dx330Hx305CC mm

D = Dia, H = Heigh, CC = Center to Center
W = Wood, SSS = Matt Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
NDW - 351
W+PSS
25x25Dx400Hx375CC mm
25x25Dx500Hx475CC mm

NDW - 468M
W+SSS
15x30Dx350Hx280CC mm
25x45Dx550Hx458CC mm
25x45Dx550Hx425CC mm
15x30Dx400Hx305CC mm

NDW - 206
W+PSS (Mirror Finish)
38Dx560Hx305CC mm

NDW - 202
W+SSS
32Dx450Hx305CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Mat Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
Glass & Wooden Door Handle

NDW - 217
W+PSS
32Dx337Hx305CC mm

NDW - 564
W+PSS
60Dx830Hx460CC mm

NDW - 592M
W+PSS
38x38Dx600Hx300CC mm

NDW - 655M
W+SSS
32Dx620Hx400CC mm

www.nexiaglassfitting.com

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Satin Finish, PSS = Mirror Finish
NDW - 456M
W+SSS
32Dx475Hx305CC mm

NDW - 224
W+SSS
20x40Dx400Hx305CC mm

NDW - 654M
W+PSS
32Dx400Hx245CC mm

NDW - 604
W+PSS
25Dx325Hx300CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Mat Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
Glass & Wooden Door Handle

- **NDW - 283**
  - W+PSS
  - 38Dx500Hx305CC mm

- **NDW - 334**
  - W+SSS+PSS
  - 25Dx400Hx325CC mm

- **NDW - 474**
  - W+PSS
  - 30x30Dx550Hx330CC mm
  - 20x20Dx400Hx280CC mm

- **NDW - 656S**
  - W+SSS
  - 36x36Dx600Hx400CC mm
  - 36x36Dx500Hx300CC mm

*D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Matte Finish, PSS = Mirror Finish*
NDW - 208
W+SSS
38Dx550Hx305CC mm

NDW - 223
W+SSS
15x30Dx400Hx305CC mm

NDW - 572
W+SSS
40x40Dx600Hx350CC mm

NDW - 258
W+SSS
38Dx600Hx305CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Satin Finish, PSS = Mirror Finish
**Glass & Wooden Door Handle**

**NDW - 440S**
W+PSS
38Dx550Hx305CC mm

**NDW - 416S**
W+SSS+PSS
32Dx500Hx305CC mm

**NDW - 574**
W+PSS
38Dx600Hx400CC mm

**NDW - 203**
W+SSS
32Dx450Hx305CC mm

New

**D** = Dia.
**H** = Height,
**CC** = Center to Center

**W** = Wood,
**SSS** = Satin Finish,
**PSS** = Mirror Finish

[www.nexiaglassfitting.com](http://www.nexiaglassfitting.com)
NDW - 254
W+PSS
38Dx600Hx305CC mm

NDW - 568
W+PSS
51Dx800Hx458CC mm

NDW - 282
W+SSS
38Dx800Hx305CC mm

NDW - 634MB
W+PSS
38Dx800Hx615CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Mat Finish, PSS = Mirror Finish
Glass & Wooden Door Handle

NDW - 252
W+PSS
38Dx600Hx400CC mm

NDW - 221
W+PSS+SSS
20x40Dx345Hx305CC mm

NDW - 602
W+PSS
40Dx600Hx482CC mm

NDW - 568
W+PSS
51Dx800Hx458CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Mat Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
NDW - 1046
W+SSS
38Dx1200Hx700CC mm

NDH - 1108
SSS+PSS
38Dx800Hx550CC mm

NDH - 208
SSS+PSS
38Dx1800Hx1400CC mm
38Dx1500Hx1200CC mm
38Dx1200Hx900CC mm
38Dx900Hx700CC mm
32Dx900Hx700CC mm
32Dx600Hx482CC mm
38Dx600Hx482CC mm
38Dx600Hx457CC mm
25Dx400Hx300CC mm
32Dx450Hx305CC mm
32Dx450Hx350CC mm

NDH - 380
SSS+PSS
25Dx460Hx220CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Satin Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
Glass & Wooden Door Handle

NDH - 285
PSS+SSS
25Dx400Hx300CC mm

NDH - 478A
SSS+PSS
35Dx525Hx482CC mm

NDH - 434L1
PSS+SSS
30x30Dx450Hx305CC mm
30x30Dx600Hx482CC mm

NDH - 456
SSS+PSS
35Dx400Hx300CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Mat Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
NDH - 692M
PSS
26x36Dx600Hx300CC mm

NDH - 198
PSS+SSS
32Dx475Hx305CC mm
32Dx600Hx420CC mm

NDH - 734
PSS+SSS
38Dx650Hx456CC mm

NDH - 496
PSS+SSS
38Dx600Hx350CC mm
38Dx450Hx250CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Matt Finish, PSS = Mirror Finish

www.nexioglassfitting.com
NDH - 416
SSS+PSS
32Dx500Hx305CC mm

NDH - 434
SSS+PSS
30x30Dx336Hx305CC mm
30x30Dx450Hx420CC mm
38x38Dx600Hx562CC mm
38x38Dx800Hx762CC mm

NDH - 572
PSS+Crystal
25x300x500 mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Mat Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
GLASS & WOODEN DOOR HANDLE

NDH - 492
Platinum Finish
32Dx450Hx300CC mm

NDH - 422
PSS+SSS
38Dx500Hx305CC mm

NDH - 598
PSS+SSS
32Dx450Hx300CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Satin Finish, PSS = Mirror Finish

www.nexiaglassfitting.com
NDH - 648
SSS+PSS
25Dx400Hx300CC mm

NDH - 462
PSS+SSS
32Dx600Hx482CC mm

NDH - 403
SSS+PSS
38Dx500Hx305CC mm

D = Dia, H = Height, CC = Center to Center
W = Wood, SSS = Mat Finish, PSS = Mirror Finish

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Nexia reserves the right to change the designs & technical specifications of the products or to make additions or improvements without any notification. Please contact the local distributor or our office to inquire about the accurate size, or measure according to the sizes of the object itself.