

CHANAKYA ENGINEERING PRODUCTS

PRODUCT PORTFOLIO



Mfg. By. CHANAKYA ENGINEERING PRODUCTS







About Us.

- We established in 1991 as a "CHANAKYA ENGINEERING PRODUCT" at Rajkot
- we are a leading Manufacturer and exporter of High Quality hydraulic Door Closer in all over the world
- Mr. Surpalsinh Kathia : Founder Chairman of Chanakya Engineering

Products

 Mr. Dharmendrasinh Kathia : Chairman & Managing Director Of Chanakya Engineering Products

• Head Office: Rajkot, Gujarat, India

• Brands: KAT, TROVEC, NUVO

Mfg. By. CHANAKYA ENGINERING PRODUCTS



CORE IDEOLOGY CORE PURPOSE

To Improve Human Life With Productivity And Comfort Through Dynamic Solution ગતિશીલ ઉકેલ દ્વારા ઉત્પાદકતા અને આરામ સાથે માનલ જીવન સુધારવા માટે

गतिशील समाधान के माध्यम से उत्पादकता और आराम के साथ मानव जीवन को बेहतर बनाने के लिए

CORE VALUES

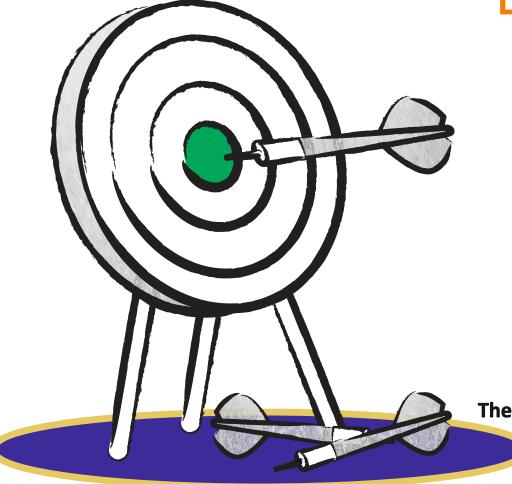
To Serve Customer Above Else

Pursue Excellence

Continuous Improvement

Value For Money

Respect For Individual





deas

option

Business

progress

SUSSESS

VÍSION

600 Crore Value Company By 2032 & Brand Name Like "TATA"

VIVID DISCRIPTION

3 Acre Manufacturing State of The art Plant in rajkot. Offices In all Major Cities. Have Multiple Factory Around

The Globe, Like Factory in GERMANY VIETNAM Business Office In USA, AUSTRALIA, EUROPE & CHINA.

Best Company Want to Work With Chankya Engineering Products.

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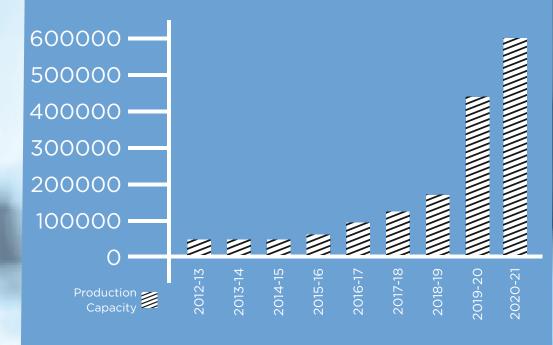




Global Market

- We export our product USA ,Australia , Maxico and other countries.
- Chanakya engineering products own some of the most prestigious global brands, like **KAT TROVEC & NUVO.**
- In India 24 state with 482 distributors & dealers we are enriched and bringing smiles on the face of more than 2 lacs users.

Product Capacity Per Annum



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• We have developed an advanced infrastructure in order to run our business operations in a systematic manner. In order to manufacture and supply qualitative Hydraulic Door Closer, we have installed all the ultra modernized machinery, tools and equipment in our infrastructure.

- Our infrastructure is sprawling across a 15000sq.feet wide area of land that helps us to execute our business operations in a hassle free manner.
- Our infrastructure enables us to complete the clients' bulk orders in a timely manner.
- ERP system for Planning , Maintenance , Store material Handling, Work permit, Finish products stock , Utilization of our Resources.
- In our plant large manufacturing facility with ultra modern automation system of assembly and CNC-VMC machines for precision machining work.
- For more precise and smooth working of door closer we have a burnishing machines, Ultrasonic cleaning machine, automated cutting machine for finish Raw material cutting, Milling machine, a color paint plant with modern oven technology, screen printing and packing machine.

Manufacturing Facilities

| Sr. No. | Machine Name | Qty. in Nos. |
|---------|--|-----------------|
| 1 | CNC Turning Center | 7 |
| 2 | Vertical Machining Center 3 Axes | 3 |
| 3 | Vertical Machining Center 4 Axes | 1 |
| 4 | Precision lathe | 5 |
| 5 | Strapping machine | 1 |
| 6 | Grinding machine | 1 |
| 7 | Drilling machine | 10 |
| 8 | Milling machine | 2 |
| 9 | Cutting machine | 3 |
| 10 | Burnishing machine | 1 |
| 11 | Threading machine | 2 |
| 12 | Ultra sonic cleaning machine | 1 |
| 13 | Broaching machine for precision key way and rack cutting | 1 |
| 14 | Belt Grinder machine | 1 |
| 15 | Buff polishing machine | 1 |
| 16 | Oil filling machine | 4 |
| 17 | Slotting machine for precision blind key way | 1 |
| 18 | Pneumatic spray color plant | 2 |
| 19 | Air compressor | 3 |
| 20 | Air leak testing machine | 2 |

Mfg. By. CHANAKYA ENGINERING PRODUCTS

Atika Ind, Area, Street No. 17, Dhebar Road (South), Rajkot - 2

E-mail : dskathia@yahoo.com | Web : www.katdoorcloser.com | Customer Care : +91 98253 64088



Manufacturing Facilities





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ТΜ

Quality Management System

• We have a ASNT (American society of non-destructive testing) SNT-TC- level-II qualified engineer for material testing and quality checking.

• In quality checking received material hardness & material composition, dimension checking of machining parts and received goods, leakage testing, cycle testing, dispatch product checking.

• We have facilities in QC lab like Hardness tester, Surface plate, Cycle testing machine, Sour hardness tester, Dye penetrant testing kit for crack Detection,Ultrasonic cleaner, Dial- bore gauge, Micro meter, Digital Vernier Caliper, Torque meter, Air leakage testing machine.

| Sr. No. | Machine Name | Qty. in Nos. |
|---------|---|-----------------|
| 1 | Hardness testing machine | 1 |
| 2 | Surface plate | 1 |
| 3 | Sour hardness tester for rubber | 1 |
| 4 | Micro meter | 4 |
| 5 | Vernier caliper 0-150 mm. | 4 |
| 6 | Bore gauge 18-35 mm. | 8 |
| 7 | Vernier caliper 0-500 mm. | 1 |
| 8 | Door closer cycle testing machine | 1 |
| 9 | Door closer 1, 2 speed checking & adjusting machine | 1 |
| 10 | Comparator stand | 1 |
| 11 | Dial gauge | 2 |
| 12 | Comparator for bore | 1 |
| 13 | Bench center | 1 |
| 14 | Dye penetrant testing kit set of megnaflux | 1 |
| 15 | Torque meter | 1 |
| 16 | Air Bore gauge | 1 |

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Quality Management System





Hardness Testing of Aluminium Section





Shore Hardness Testing of O-Ring





Polish Finish



Online Bore Measurement With Air Gauge

Bore Checking With Bore Gauge **Internal Sound Testing**



Rejection By QC



Paint Thickness Testing Gauge

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We believe success is not achieved by chance but by choice. Since inception it's our passion to provide next adjacent product to our customers. Starting with single model today we have array of door closer model. Our product portfolio is result of our robust R&D capability and mindset to deliver more to our customers. R&D pillar defines journey of door closer from lab to pilot plant.

We are using a high level **CAD/CAM software** to designand manufacturing of parts.We are having a team which has a vast experience in manufacturing of various types of parts used in machines, tooling, jigs and fixtures.

Working with architects and interior designers to ensure a successful solution to each and every project.

As architectural systems specialists we have evolved a passion for manufacturing products that combine from and function. We understand both the aesthetic aspirations and functional requirements of an application & will work closely with you to realise the full potential of your building projects.

Door closers have to cope with routine daily business and emergency situations they soften the door strike and close the door securely. In emergency situations, theyguarantee that fire compartments are separated reliably so that lives can be saved. In routine situations, th asymmetric transmis sion makes it easier to open the door.

Door closers from **CHANAKYA ENGINEERING PRODUCTS** work purely mechanically with hydraulically damped, stepped gear spring force. The mechanical principle ensures correct functioning under all conditions - evenwhen there is a power cut. The special gearing geometry guarantees easy oopening while at the same time producing sufficient standard-compliant closing power to overcome the lock resistance.



Door closers have a safaty function, which makes them a part of the architecture. The **"KAT"** door closer portfolio reflects the complete spectrum of practical demands of modern architecture - no matter whether these are defined for aesthetic or functional reasons.

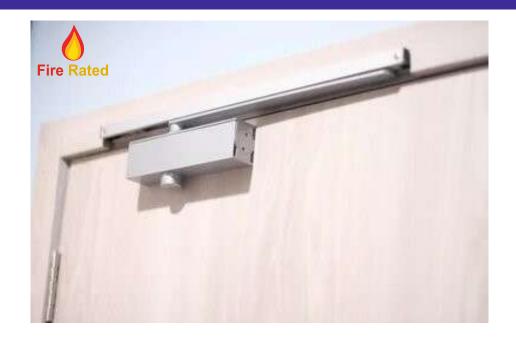
The new door closer generation from **CHANAKYA ENGINEERING PRODUTS** a meticulously well-conceived design consisting of a stainless steel cover and aluminium body. Concealed mounting plates, adjusting elemets protected against vandalism, colour-matched materials and the variable combination of all slide rail door closers with closing sequence regulator system are the distinguishing features of this new ganeration of door closer models. In additionto this, the new "**KAT - valve**" technology guarantees the simple and high-precision adjustment of all parameters of the closing process.

As with all **CHANAKYA ENGINEERING PRODUCTS** the door closers are manufactured in a quality management process certified in accccordance with **ISO 9001**. This guarantees that top quality is produced and installed. Manydoor closer versions are suitable for use with fire and smoke protection doors and tested in line with **BS EN-1154 A. BS EN-1634-1** all products tested in accordance with valid European directives have the CE mark applied to them.

Mfg. By. CHANAKYA ENGINERING PRODUCTS







Benefits of DOOR CLOSER

Fire safety

Door closers are most commonly installed on fire doors and entrance doors, which need to be closed in case of fire, to help prevent the spread of fire and smoke. In most countries, their performance will be governed by national standards.

Maintaining room temperatures

Door closers also play a role in maintaining desired interior temperatures, reducing air movement in and out of conditioned space.

Security

Door closers also play a role in security at building entrance doors, closing doors once somebody has passed through and re-latching the door lock.

Noise control

In buildings that require noise control (Studios) door closers play an important part in the suppression of unwanted noise both in and out rooms and the buildings themselves.

Privacy

Door closers are often used to ensure privacy in toilets and washrooms.

Hygiene

Door closers can also play a part in keeping buildings and rooms free from dirt, debris and pests.

Function of DOOR CLOSER

Closing speed

Continuously adjustable closing speed from approx. 180° to 0°.

Latching speed

Increases the closing speed and thus the safe closing of the door, for example to overcome door seals, door locks and high air pressure. Continuously adjustable, works between 10 to 0°.

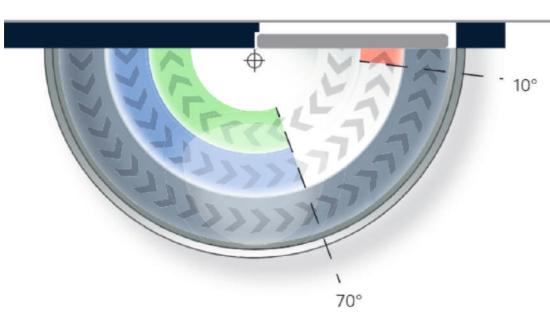
Back-check

Reduces the opening speed starting at 70° and avoids the slamming of the door. Back-check continuously adjustable

Delayed action

Reduces the closing speed and allows a safer passing for people and transports. Especially suitable for the use in nursing homes and hospitals. Delay action continuously adjustable. Works between 180° to 70°.

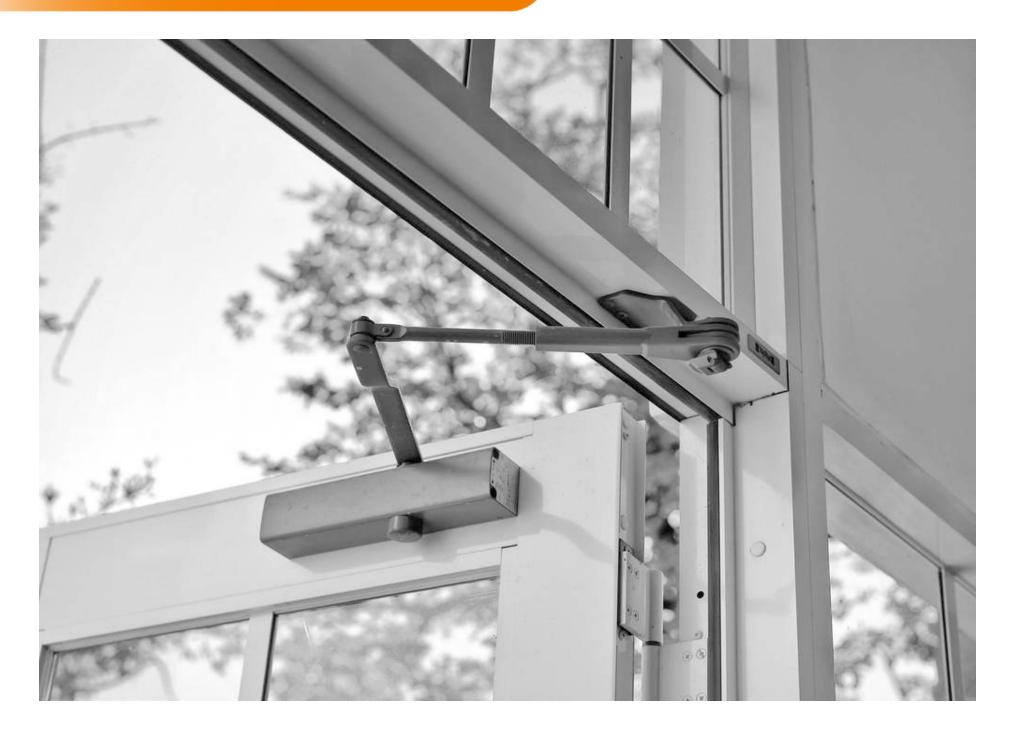
Closing force diagram KAT Door Closer, hinge side



Mfg. By. CHANAKYA ENGINERING PRODUCTS



PRODUCT Characteristics



KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997



Certified To EN 1634-2014+A1:2018

5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Extruded Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment

KAT - Valve

Mfg. By. CHANAKYA ENGINERING PRODUCTS





KDC - ECO

| Weight Cap. | Upto 60 kg. |
|----------------|--------------------|
| Closing Force | EN 2/3 |
| Door Size | 850 mm. to 950 mm. |
| 1 Cartoon | 25 Nos. |
| Box Weight | 1.240 Kg |
| Cartoon Weight | 32.200 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018

M.R.P. Rs. 1249/- (incl of all taxes)











Carbon

Matt

White

5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Extruded Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment



Mfg. By. CHANAKYA ENGINERING PRODUCTS





KDC - 100 REGULAR

| Weight Cap. | Upto 85 kg. |
|----------------|---------------------|
| Closing Force | EN 2/4 |
| Door Size | 850 mm. to 1100 mm. |
| 1 Cartoon | 25 Nos. |
| Box Weight | 1.420 Kg. |
| Cartoon Weight | 36.700 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018

M.R.P. Rs. 1510/- (incl of all taxes)









5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

- Aluminium Extruded Body
- Thermal Check Range is -10 c to 50 c
- Rack Pinion (En8 Steel With Hardening)
- Leak Proof, Smooth Function
- **Two Speed Precision Adjustment**

Mfg. By. CHANAKYA ENGINERING PRODUCTS





KDC - 200 UNIVERSAL REGULAR

| Weight Cap. | Upto 100 kg. |
|----------------|---------------------|
| Closing Force | EN 2/5 |
| Door Size | 850 mm. to 1250 mm. |
| 1 Cartoon | 25 Nos. |
| Box Weight | 1.650 Kg. |
| Cartoon Weight | 42.450 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018 5,00,000 Cycle Tested

M.R.P. Rs. 2125/- (incl of all taxes)









Carbon

Matt

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Extruded Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment



Mfg. By. CHANAKYA ENGINERING PRODUCTS



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KDC - 200-90 UNIVERSAL HOLD OPEN

| Weight Cap. | Upto 100 kg. |
|----------------|---------------------|
| Closing Force | EN 2/5 |
| Door Size | 850 mm. to 1250 mm. |
| 1 Cartoon | 20 Nos. |
| Box Weight | 2.130 Kg. |
| Cartoon Weight | 44.100 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018 5,00,000 Cycle Tested

M.R.P. Rs. 2600/-(incl of all taxes)



ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

- Aluminium Extruded Body
- Thermal Check Range is -10 c to 50 c
- Rack Pinion (En8 Steel With Hardening)
- Leak Proof, Smooth Function
- Two Speed Precision Adjustment

Mfg. By. CHANAKYA ENGINERING PRODUCTS





KDC - 300 PALMET REGULAR

| Weight Cap. | Upto 120 kg. |
|----------------------|---------------------|
| Closing Force | EN 2/6 |
| Door Size | 850 mm. to 1400 mm. |
| 1 Cartoon | 25 Nos. |
| Box Weight | 1.735 Kg. |
| Cartoon Weight | 44.573 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018 5,00,000 Cycle Tested

M.R.P. Rs. 2125/- (incl of all taxes)









ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Extruded Body

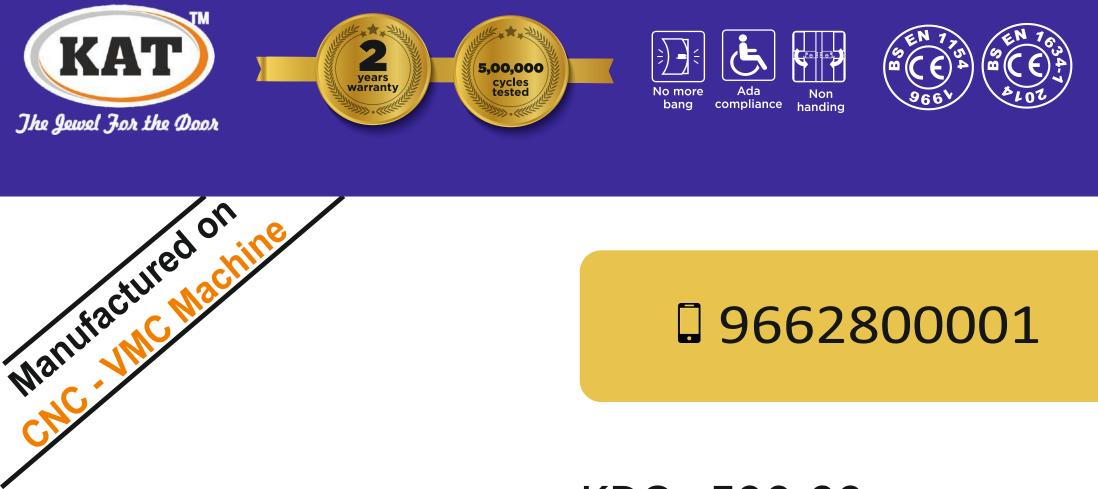
Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment

Mfg. By. CHANAKYA ENGINERING PRODUCTS



(KAT)

9662800001

KDC - 300-90 PALMET HOLD OPEN

| Weight Cap. | Upto 120 kg. |
|----------------------|---------------------|
| Closing Force | EN 2/6 |
| Door Size | 850 mm. to 1400 mm. |
| 1 Cartoon | 20 Nos. |
| Box Weight | 2.230 Kg. |
| Cartoon Weight | 46.100 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018

M.R.P. Rs. 2600/-(incl of all taxes)









Carbon

White

5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Extruded Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment



Mfg. By. CHANAKYA ENGINERING PRODUCTS





KDC - 600 ZOP HEAVY DUTY

| Weight Cap. | Upto 120 kg. |
|----------------|---------------------|
| Closing Force | EN 2/6 |
| Door Size | 850 mm. to 1400 mm. |
| 1 Cartoon | 25 Nos. |
| Box Weight | 1.300 Kg. |
| Cartoon Weight | 33.700 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018

M.R.P. Rs. 2350/-(incl of all taxes)









Carbon

Matt

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5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Casting Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment



Mfg. By. CHANAKYA ENGINERING PRODUCTS



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KDC - 600-90 ZOP HOLD OPEN

| Weight Cap. | Upto 120 kg. |
|----------------|--------------------|
| Closing Force | EN 2/6 |
| Door Size | 850 mm. to 1400mm. |
| 1 Cartoon | 20 Nos. |
| Box Weight | 1.790 Kg. |
| Cartoon Weight | 37.300 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018

M.R.P. Rs. 2800/-(incl of all taxes)





5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Casting Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment

Mfg. By. CHANAKYA ENGINERING PRODUCTS





KDC - 700 PALMET LINEATD

| Weight Cap. | Upto 100 kg. |
|----------------------|---------------------|
| Closing Force | EN 2/5 |
| Door Size | 850 mm. to 1250 mm. |
| 1 Cartoon | 25 Nos. |
| Box Weight | 1.600 Kg. |
| Cartoon Weight | 41.200 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018

M.R.P. Rs. 2125/- (incl of all taxes)









5,00,000 Cycle Tested

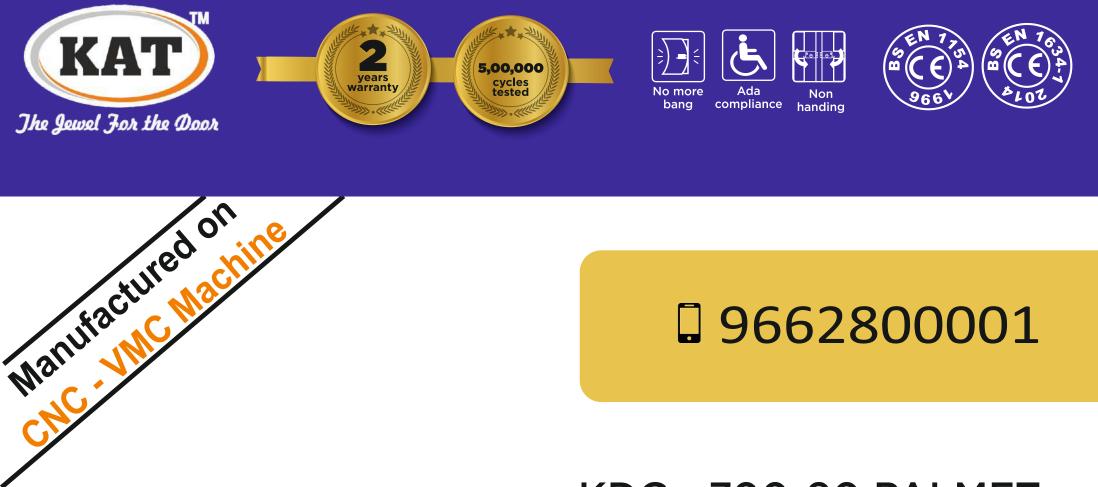
ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

- Aluminium Extruded Body
- Thermal Check Range is -10 c to 50 c
- Rack Pinion (En8 Steel With Hardening)
- Leak Proof, Smooth Function
- **Two Speed Precision Adjustment**

Mfg. By. CHANAKYA ENGINERING PRODUCTS



KDC - 700-90 PALMET LINEATD HOLD OPEN

| Weight Cap. | Upto 100 kg. |
|----------------|---------------------|
| Closing Force | EN 2/5 |
| Door Size | 850 mm. to 1250 mm. |
| 1 Cartoon | 20 Nos. |
| Box Weight | 2.070 Kg. |
| Cartoon Weight | 42.900 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018

M.R.P. Rs. 2600/-(incl of all taxes)









Carbon

Matt

White

5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Extruded Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment



Finish

Mfg. By. CHANAKYA ENGINERING PRODUCTS

Brass





Door Thickness38mmDoor Closer Width32mm

9662800001

KCDC - 500 CONCEAL

| Weight Cap. | Upto 85 kg. |
|----------------------|---------------------|
| Closing Force | EN 2/4 |
| Door Size | 850 mm. to 1100 mm. |
| Door Thickness | 38 mm. |
| 1 Cartoon | 20 Nos. |
| Box Weight | 2.290 Kg. |
| Cartoon Weight | 47.300 Kg. |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018



M.R.P. Rs. 3650/-(incl of all taxes)

Silver

5,00,000 Cycle Tested

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

Aluminium Extruded Body

Thermal Check Range is -10 c to 50 c

Rack - Pinion (En8 Steel With Hardening)

Leak Proof, Smooth Function

Two Speed Precision Adjustment

Mfg. By. CHANAKYA ENGINERING PRODUCTS





Door Thickness 32mm - Max Door Closer Width 23mm

9662800001

KCDC - 800 SLIM CONCEAL

| Weight Cap. | Upto 40 kg. |
|----------------|-------------|
| Closing Force | EN 2 |
| Door Size | 850 mm. |
| Door Thickness | 25 mm. |
| 1 Cartoon | 20 Nos. |
| Box Weight | |
| Cartoon Weight | |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018



M.R.P. Rs. 6500/-(incl of all taxes)

5,00,000 Cycle Tested

Silver

ADA Compliance

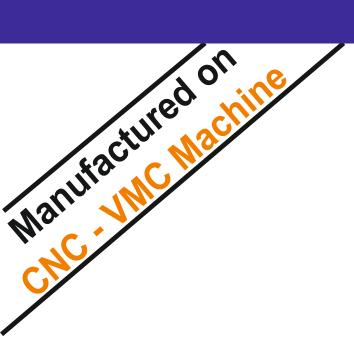
Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

- Aluminium Extruded Body
- Thermal Check Range is -10 c to 50 c
- Rack Pinion (En8 Steel With Hardening)
- Leak Proof, Smooth Function
- Two Speed Precision Adjustment

Mfg. By. CHANAKYA ENGINERING PRODUCTS







KCDC - 900 CAM ACTION CONCEAL

| Weight Cap. | Upto 120 kg. |
|----------------|---------------------|
| Closing Force | EN 2/6 |
| Door Size | 850 mm. to 1400 mm. |
| Door Thickness | 38 mm. |
| 1 Cartoon | 20 Nos. |
| Box Weight | |
| Cartoon Weight | |

KAT - VALVE TECHNOLOGY Certified To BS EN 1154:1997 Certified To EN 1634-2014+A1:2018 5,00,000 Cycle Tested



M.R.P. Rs. 9000/-(incl of all taxes)

ADA Compliance

Opening Force For Door - 3.5 N/mm

UL listed Imported O-ring Used

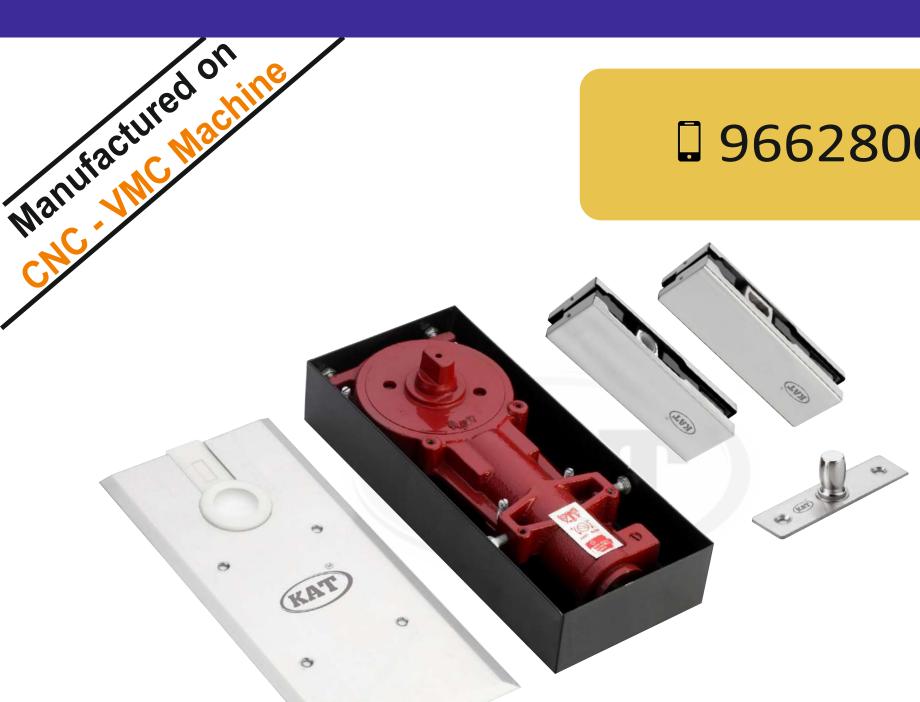
- Aluminium Extruded Body
- Thermal Check Range is -10 c to 50 c
- Rack Pinion (En8 Steel With Hardening)
- Leak Proof, Smooth Function
- Two Speed Precision Adjustment

Mfg. By. CHANAKYA ENGINERING PRODUCTS

Atika Ind, Area, Street No. 17, Dhebar Road (South), Rajkot - 2 E-mail : dskathia@yahoo.com | Web : www.katdoorcloser.com | Customer Care : +91 98253 64088

Silver





- Double regulating valve independently controls and adjusts closing and latching speeds.
- Stainless steel SS 304 plate.
- Pivot cover plate material is stainless steel.
- The pivot is adjustable in door.

KFS - 100 **GLASS COMBO**

| Upto 90 kg. |
|-------------|
| EN 2/5 |
| _ |

- Heavy duty & compact size.
- The floor spring is manufactured from alloy steel material.
- The floor spring tested 5 lac cycle.
- Pinion manufactured from steel alloy & machined and heat-treated.
- Right-hand and left-hand opening doors.
- Door / Frame Mounting.
- Door opening angle up to 90 degrees hold.
- Body size 247mm x 100mm x 47mm.
- Weight of door up to 90 KG.
- S.S.Matt & Glossy Brass Matt & Glossy.

| Door Size | 850 mm. to 1150 mm. |
|----------------|---------------------|
| 1 Cartoon | 4 Nos. |
| Box Weight | |
| Cartoon Weight | |

M.R.P. Rs. 6000/-(incl of all taxes)

Mfg. By. CHANAKYA ENGINERING PRODUCTS





- Double regulating valve independently controls and adjusts closing and latching speeds.
- Stainless steel SS 304 plate.
- Pivot cover plate material is stainless steel.
- The pivot is adjustable in door.

KFS - 200 GLASS COMBO

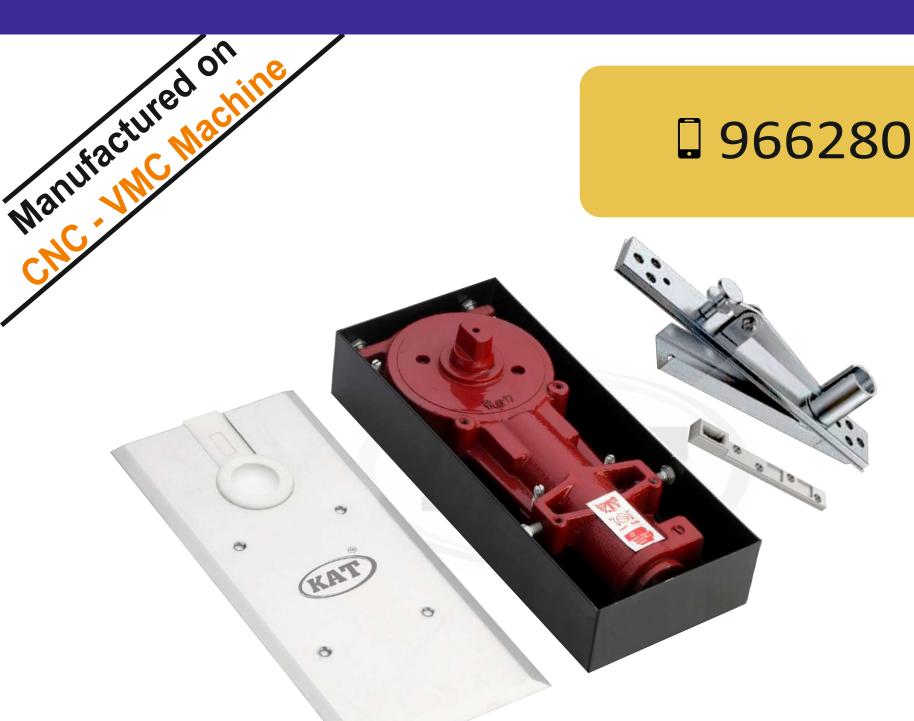
| Weight Cap. | Upto 120 kg. |
|----------------|---------------------|
| Closing Force | EN 2/6 |
| Door Size | 850 mm. to 1400 mm. |
| 1 Cartoon | 4 Nos. |
| Box Weight | |
| Cartoon Weight | |

- Heavy duty & compact size.
- The floor spring is manufactured from alloy steel material.
- The floor spring tested 5 lac cycle.
- Pinion manufactured from steel alloy & machined and heat-treated.
- Right-hand and left-hand opening doors.
- Door / Frame Mounting.
- Door opening angle up to 90 degrees hold.
- Body size 310mm x 110mm x 42mm.
- Weight of door up to 120 KG.
- S.S.Matt & Glossy Brass Matt & Glossy.

M.R.P. Rs. 7100/-(incl of all taxes)

Mfg. By. CHANAKYA ENGINERING PRODUCTS





- Double regulating valve independently controls and adjusts closing and latching speeds.
- Stainless steel SS 304 plate.
- Pivot cover plate material is stainless steel.
- The pivot is adjustable in door.

KFS - 100 WOODAN COMBO

| Weight Cap. | Upto 90 kg. |
|---------------|-------------|
| Closing Force | EN 2/5 |

- Heavy duty & compact size.
- The floor spring is manufactured from alloy steel material.
- The floor spring tested 5 lac cycle.
- Pinion manufactured from steel alloy & machined and heat-treated.
- Right-hand and left-hand opening doors.
- Door / Frame Mounting.
- Door opening angle up to 90 degrees hold.
- Body size 247mm x 100mm x 47mm.
- Weight of door up to 90 KG.
- S.S.Matt & Glossy Brass Matt & Glossy.

| Door Size | 850 mm. to 1150 mm. |
|----------------|---------------------|
| 1 Cartoon | 4 Nos. |
| Box Weight | |
| Cartoon Weight | |

M.R.P. Rs. 3750/-(incl of all taxes)

Mfg. By. CHANAKYA ENGINERING PRODUCTS





- Double regulating valve independently controls and adjusts closing and latching speeds.
- Stainless steel SS 304 plate.
- Pivot cover plate material is stainless steel.
- The pivot is adjustable in door.

KFS - 200 WOODAN COMBO

| Weight Cap. | Upto 120 kg. |
|----------------------|---------------------|
| Closing Force | EN 2/6 |
| Door Size | 850 mm. to 1400 mm. |
| 1 Cartoon | 4 Nos. |
| Box Weight | |
| Cartoon Weight | |

- Heavy duty & compact size.
- The floor spring is manufactured from alloy steel material.
- The floor spring tested 5 lac cycle.
- Pinion manufactured from steel alloy & machined and heat-treated.
- Right-hand and left-hand opening doors.
- Door / Frame Mounting.
- Door opening angle up to 90 degrees hold.
- Body size 310mm x 110mm x 42mm.
- Weight of door up to 120 KG.
- S.S.Matt & Glossy Brass Matt & Glossy.

M.R.P. Rs. 5450/-(incl of all taxes)

Mfg. By. CHANAKYA ENGINERING PRODUCTS

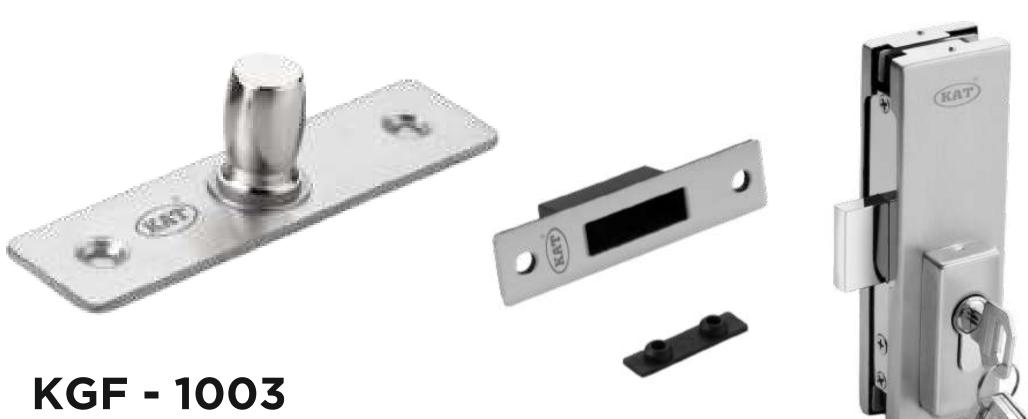


Premium Glass Fitting



KGF - 1002 (Bottom Patch)

KGF - 1001 (Top Patch)



(Top Pivot)

(KAT



KGF - 1008 (Center Lock)

Mfg. By. CHANAKYA ENGINERING PRODUCTS



Premium Floor Spring



600

KGDH - 2003 (Glass Sliding Round Conceal)





KGDH - 2002 (Glass Door "H" Handle)



KGDH - 2001 (Glass Door "D" Handle)





KGF - 1011 (640) (Floor Connector)

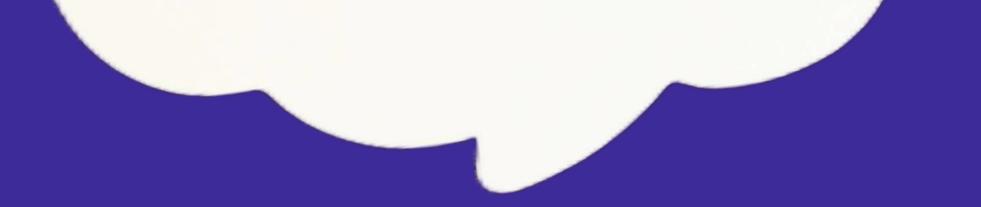
KGF - 1005 (Small L)

KGF - 1006 (Big L)

Mfg. By. CHANAKYA ENGINERING PRODUCTS







Mfg. By. CHANAKYA ENGINEERING PRODUCTS