

GATE ACCESSORIES

V-WHEELS



WEIGHT BALANCED GUARDED ASSEMBLY TANDEM ASSEMBLY

DKS provides a full line of V-wheel assemblies and replacement V-wheels to meet any slide gate application and budgetary requirements. Our standard V-wheel assemblies are guarded and include mounting brackets designed for 2-inch wide gate rails. These V-wheel assemblies can be bolted or welded to the gate frame. Tandem V-wheel assemblies are ideal for heavy gates. Why tandem? Tandem wheel assemblies distribute the gate weight across more surface area on the V track. Simply putting a bigger wheel on the gate does nothing to distribute the gate weight. And, the unique pivoting action of these wheel assemblies assures that the gate weight is evenly distributed across both wheels.

Tandem Assembly for Heavy Gates



V-Wheel Assemblies for Standard Gates

- > 4" UHMW wheel with sleeve bearing – for gates up to 500 Lb.
- > 4" UHMW wheel with roller bearings – for gates up to 750 Lb.
- > 4" Steel wheel with roller bearings – for gates up to 1500 Lb.

Tandem V-Wheel Assemblies for Heavy Gates

- > Two 4" UHMW wheels with roller bearings – for gates up to 1500 Lb.
- > Two 4" Steel wheels with roller bearings – for gates up to 3000 Lb.
- > Two 6" Steel wheels with roller bearings – for gates up to 5000 Lb.

Replacement V-Wheels

- > 4" UHMW Wheel with sleeve bearing
- > 4" UHMW Wheel with roller bearings
- > 4" Steel Wheel with roller bearings
- > 6" Steel Wheel with roller bearings



V-Wheels for Standard Gates

Designed for the following applications:

GATE ACCESSORIES

GUARDED GUIDE ROLLERS

DESIGNED WITH **SAFETY** IN MIND

DKS guarded guide rollers are designed to meet the requirements of the UL 325 and ASTM F2200 safety standards. The rollers are fabricated from UHMW material for long lasting quiet operation. Both single and double roller assemblies are available in 3-inch or 6-inch lengths and include mounting brackets to meet standard installation requirements. Double guide roller assemblies are designed for gates with 2-inch frames.



Guarded Guide Rollers

- > Single 3" UHMW guide roller and mounting bracket
- > Dual 3" UHMW guide rollers and mounting bracket
- > Two single 3" UHMW guide rollers stacked to provide a 6" surface area and mounting bracket
- > Double dual 3" UHMW guide rollers stacked to provide a 6" surface area and mounting bracket



Guarded Guide Rollers



Designed for the following applications:

Maximum
Security

Commercial
Industrial

Mixed Use
Buildings

Apartment /
College Residents Halls

Parking

Residential

Apartment Complex/
Gated Communities

Self
Storage

END RETAINER & CHAIN IDLER ASSEMBLY



GUARDED CHAIN OVERALL SECURITY

The DKS chain idler assembly (or endless idler) is used with slide gate operators that are installed in rear mount applications. This heavy-duty chain idler is guarded and can accommodate either #40 or #41 roller chain. The UHMW idler wheel assures a smooth and quiet operation. End retainers are used in slide gate applications and provide a catch for the gate to slip into in the closed position. The DKS end retainer includes a cap to prevent the gate from being lifted off the track while it is in the closed position, thus improving the overall security of your slide gate system. This end retainer is designed to accept a gate with a 2 inch frame.

Endless Idler for Rear-Mount Operators



Gate End Catch

Key Features:

Slide Gate Idler Assembly

- > Use when rear mounting slide gate operators
- > Chain guide is enclosed
- > Easily mounts to a wall or pilaster
- > Use with #40 or #41 chain

Slide Gate End Cap

- > Heavy-duty galvanized steel
- > Beveled opening
- > Designed for slide gates with 2 inch frames
- > Capped to prevent gates from being lifted off the track

Designed for the following applications:

HINGE ASSEMBLY & TORSION ROD ASSEMBLY

HEAVY DUTY GATE ACCESSORY SPECIALTIES

The DKS flange bearing hinge is designed for heavy wrought iron swing gates with 2 inch square framing. This heavy-duty hinge includes mounting brackets and hardware, and is designed for high traffic swing gate applications. Each pair of hinges can support a gate weighing up to 3000 Lbs., and they provide easy gate movement. For applications where it is impossible to install a gate that will swing through a level plane, the swing gate torsion rod assembly provides a method to counter-balance the gate. This helps to prevent gate runaway, relieves pressure on the gate operator and provides a method for your gate to be in compliance with the ASTM F2200 safety standard.



Key Features:

Swing Gate Hinge Assemblies

- > Heavy-duty flange bearing hinge assemblies for gates up to 3000 Lbs.
- > Sealed bearing hinge assemblies for gates weighing 2000 and 3000 Lbs.
- > All hinge assemblies include mounting hardware and brackets

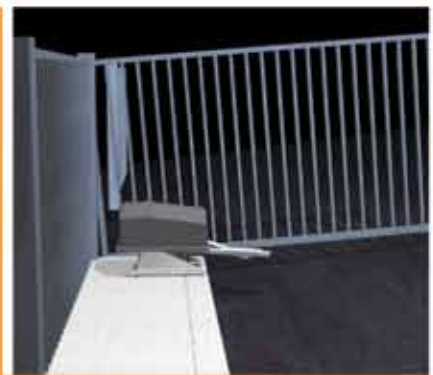
Swing Gate Torsion Rod Assembly

- > Counter-balances uphill swing gates
- > Includes top bracket, bottom bracket and torsion rod
- > Add up to 5 additional torsion rods for heavier gates
- > Helps to prevent gate runaway



Torsion Bar Assembly

Counter Balance for Uphill Swing Gates



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GATE ACCESSORIES



Model 1601-154
Heater with fan



Model 1601-093
Fan Kit

Wire Loom Connector (Bi-parting gate connection cable)

- > Cable provides all the necessary connections for bi-parting (dual) gate systems to sequence the primary and secondary operators together

Heater Kit

- > Ideal for operators installed in cold weather environments. A built-in thermostat automatically cycles the heater on and off as required

Fan Kit

- > Used with the 1600 series barrier operators, this fan kit should always be used when the operators are installed in hot / humid environments

Gear Grease and Touch Up Paint



Touch Up Paint

- > 12 oz cans of touch up spray paint to keep your operator looking new

Gate Test Scale

- > Don't know what size gate operator to use? The gate test scale will tell you how much force is needed to start your gate allowing you to plan your operator selection with confidence

Grease Gear

- > 14 oz. Tube of Molybdenum Disulfide (Moly D) multi-purpose grease keeps the worm gear in 6000 series operators lubricated

Connection Cable



Wire Loom

Designed for the following applications:

CONTACT SENSORS & LOOP DETECTORS

Vehicular Loop Detector Systems

- > Plug-in detectors (DKS gate operators only) and hard wired detectors
- > Single and dual channel
- > Pre-fabricated loops, 24 ft circumference and 50 foot lead-in
- > Pre-fabricated loops available or form your own loops



Non-Contact Sensors



Contact Sensing Edges

Loop Test Meter

- > Megohm meter measures loop insulation value up to 1000 megohms
- > Meter range is 20 to 1000 megohms
- > Operates on two "C" size batteries
- > Includes test leads and vinyl case



Loop Detectors



Wireless Edge Devices

Non-contact Sensors

- > Thru-beam photocell has a scan distance of 165 ft.
- > Separate sender and receiver
- > Infrared beam
- > Hooded metal enclosure
- > Photo-reflective beam has a scan distance of 30 ft.
- > Includes reflector and mounting bracket
- > Visible red beam

Wireless Edge Devices

- > Transmitters send an alert when battery power is low
- > Transmitters and edges are monitored by the receiver
- > 3-channel receiver for slide gate applications (leading edge, trailing edge, outside post edge).
- > Single channel un-monitored receiver also available

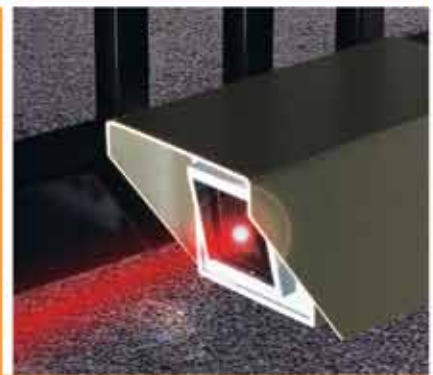
Contact (type B2) Sensing Edges

- > A variety of edge styles for different gates
- > Mounting channels included
- > 2-wire edges can be hard wired
- > 4-wire edges are used with monitored RF transmitters



Contact Sensor for Barrier Gate

Photo Electric Beam



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CONTROL STATIONS



Control Stations

DKS control stations can be used in a variety of applications to meet basic access control or automated gate control requirements. These interior controls are designed to mount into a single-gang electrical box and are built with a stainless steel faceplate. Lighted exit buttons provide free exit while key switches and keypads are used to control entry. Gate control stations provide complete manual gate control for DKS gate operators. Unique logic inputs found on DKS gate operators require only 3 wires for Open, Close, Stop operation.



Gate Control Stations

Manual Gate Control



Key Features:

Control Stations

- > Controls mount into a single-gang electrical box (except 1211-081)
- > 1211-081 exit button is mullion mounted
- > Stainless steel faceplates
- > Key switch uses mortise cylinder – can be re-keyed
- > Keypad available as a stand-alone device or can be connected to a wiegand controller

Control Stations - Gate

- > Open – Close – Stop indoor and outdoor control stations
- > Unique 3-wire control station adaptable to DKS gate operators only
- > Manual gate controller provides normal, momentary open or hold open operation

Interior Keypads



Designed for the following applications:

GATE ACCESSORIES

LOCK BOXES & ACCESSORIES

Postal and Fire Department lock boxes provide a convenient method to allow postal workers and Fire Department personnel access into a property through an automated gate system. The 1200 transformer box is a great way to provide a power source for accessory transformers used with access control systems. The external alarm reset box is used with vehicular gate operators and provides an easy method to reset a gate system that is in a hard shutdown condition. This external reset MUST be installed in the line-of-site of the gate operator.



Lock Boxes

External Alarm Reset Box



Transformer Box

Key Features:

Postal and Fire Department Lock Boxes

- > 1402 accepts standard postal key
- > 1401 Fire Dept box accepts the Knox 3501 key switch
- > 1400 accepts a fire dept padlock or any standard padlock

Auxiliary Transformer Box

- > Lockable transformer box
- > Holds up to four 20 VA transformers
- > Indoor or outdoor use
- > ETL Listed



Postal
Lock
Box

Fire Dept.
Lock Box



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