Pekos

Каталог кранов с силовыми приводами

Английская версия

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

эл. почта: pso@nt-rt.ru || сайт: http://pekos.nt-rt.ru

ESDV Emergency Shut-Down Valve / SDV: Shut-Down Valve

- ON-OFF valve intended for emergency situations.
- Long periods of time at the same position (opened) until an emergency occurs.
- Required stroking times, especially for safety position.
- Single acting actuators. FAIL CLOSE.
- Manual reset pneumatic valves.
- Pneumatic control configuration: 1oo1, 1oo2.
- PST. / SIL. / Hazardous locations.
- An ESDV valve is controlled by the Emergency Shut-Down system (ESD).
- A SDV valve is controlled by the Process Safety System (PSS).

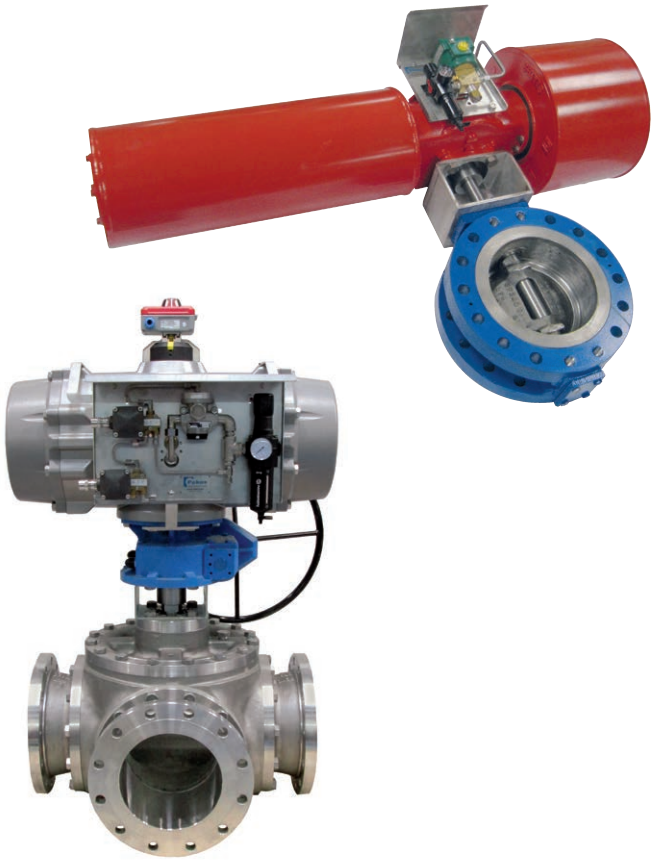
BDV Blow Down Valves

- Valve intended for venting the pipeline.
- Assembled with an air tank to ensure valve operability during emergency situations.
- Required stroking times.
- Single acting actuators. FAIL OPEN.
- Pneumatic control configuration: 1oo1, 2oo2.
- Hazardous locations.
- A BDV valve is controlled by the Emergency Shut-Down system (ESD).

BDV STANDARD AIR TANK PARTS
Pressure Switch
Gauge
Lock-Up Valve
Check Valve
Drain Valve
Safety Valve
Safety Valves

XV Process Valve

- Process ON-OFF valve controlled by the Process Control System (PCS).
- Required stroking times.
- Single acting / double acting actuators.
- Pneumatic control configuration: 1oo1, 1oo2, 2oo2, etc.
- PST.
- SIL.
- Hazardous locations.



MOV Motor Operated Valves

- Process ON-OFF valve controlled by Process Control System (PCS).
- Hazardous Locations.
- SIL.
- HART, Profibus and others.
- Stroking Times.
- Manual Override.
- Different types of surface.

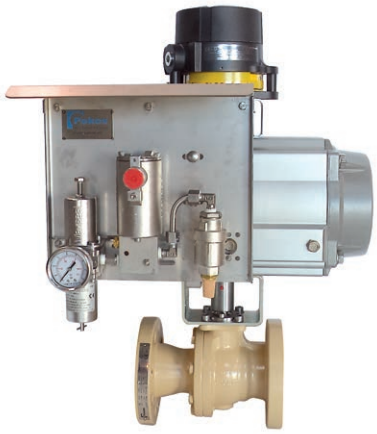
EN 161,EN 16678 & EN 23553 (EN 264)

CERTIFIED ASSEMBLY FOR AUTOMATIC SHUT-OFF ACCORDING TO EN 161, EN 16678 & EN 23553 (FORMER EN 264) WORKING CONDITIONS

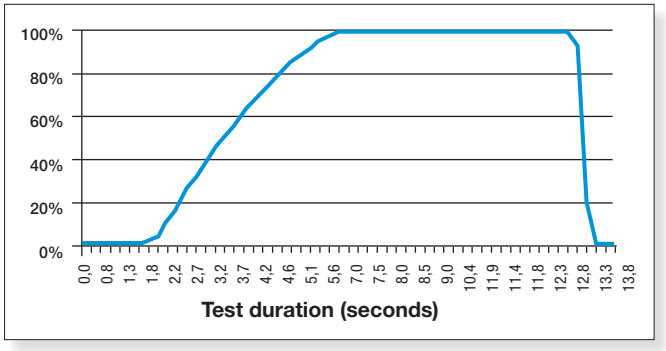
- EN 161 and EN 16678: Automatic shut-off valves for gas burners and gas appliances.
- EN 23553 (former EN 264): Safety and control devices for oil burners and oil-burning appliances.

Equipment description

- Measurement device: SAMSON 3738-20 (software TROVIS-VIEW).
- Actuator: Air Torque AT351US12 FA, air fail: Close.
- Solenoid Cv: 0.6.
- Quick Exhaust Cv: 6.4.
- Air supply pressure:6 bar.
- PEKOS ball valve: Z06 TTTG PN40 DN50.
- Ambient temperature limitation: -30°C up to +80°C.



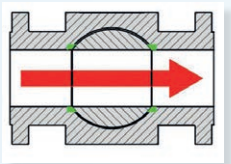
Equipment test according to EN 161 & EN 23553: Closing < 1 second (drawing).



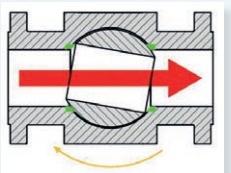
Lloyd's Type Approval Certificate EN 161, EN 16678 class A, & EN 23553 (former EN 264), for PEKOS ball vales, with Air Torque actuators, assembled at Pekos facilities.

PST Partial Stroke Test

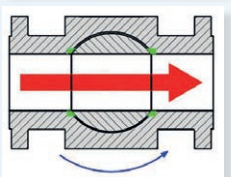
Non-intrusive test for safety prevention



1º stage
Valve in working position.



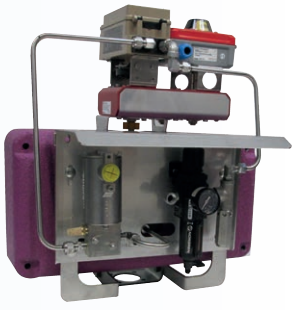
2º stage
PST operation (PST set point achieved) 10% rotation.



3º stage
valve back to working position (non-emergency situation).

The PST does not affect the fluid flow (red arrow).
The PST allow us to reach and maintain the required system's SIL level.

Local Control Mode
Manual PST via Solenoid.

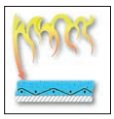


Remote Control Mode
Smart positioner Communication Protocol (HART, PROFIBUS, etc.).

K-MASS® Passive fire protection

General standard requirement:

Protect parts 1093°C/2000°F during 30 minutes.
Result: After the test, the protected parts must to be operative and will keep its operational features.

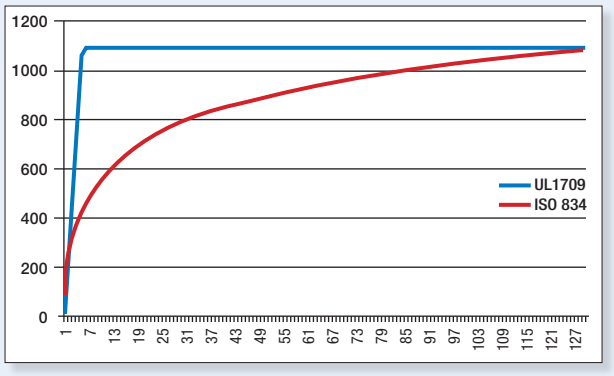


As the fire starts:
K-Mass® starts to react at 85.6°C. A chemical process causes the coating to expand (intumesce). Evaporation on the surface then takes place which also has a cooling effect. The outside surface then starts to char.

During the fire:
The surface char deepens reflecting 80-90% of the heat back into the fire. More intumescing takes place which forms a barrier which both insolates and has a cooling effect.

Long term exposure:
The 1093°C heat will penetrate the first layer so that the K-Mas® below will start to react. The next layer reacts as before. The layers react until the fire is extinguished or the material is consumed.

WHY UL-1709
UL-1709 shows the real behaviour of a petrochemical fire.
The fire reaches extremely high temperatures in a very short period of time.



Petrochemical fire behavior (UL-1709) vs. cellulose fire behavior (ISO 834).

K-MASS APPLICATION TYPES

SURFACE COATING:

K-MassK-Mass® is applied directly over all external surfaces of the parts which are going to be protected against the fire. The coating is fixed to the surfaces permanently. This protection systems allows to perform any kind of maintenance operations.

K-CAB HOUSING: CONTROL SET PROTECTION

MODULAR SYSTEM

The modular system K-GUARD® consists of two parts which cover and protect the equipment. Both parts are made 100% of K-MASS® and are adapted to the external shape of the equipment, reducing ing all the possible gaps between protected parts and K-MASS®. K-GUARD allows to perform any kind of maintenance.

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

эл. почта: pso@nt-rt.ru || сайт: http://pekos.nt-rt.ru

Pekos