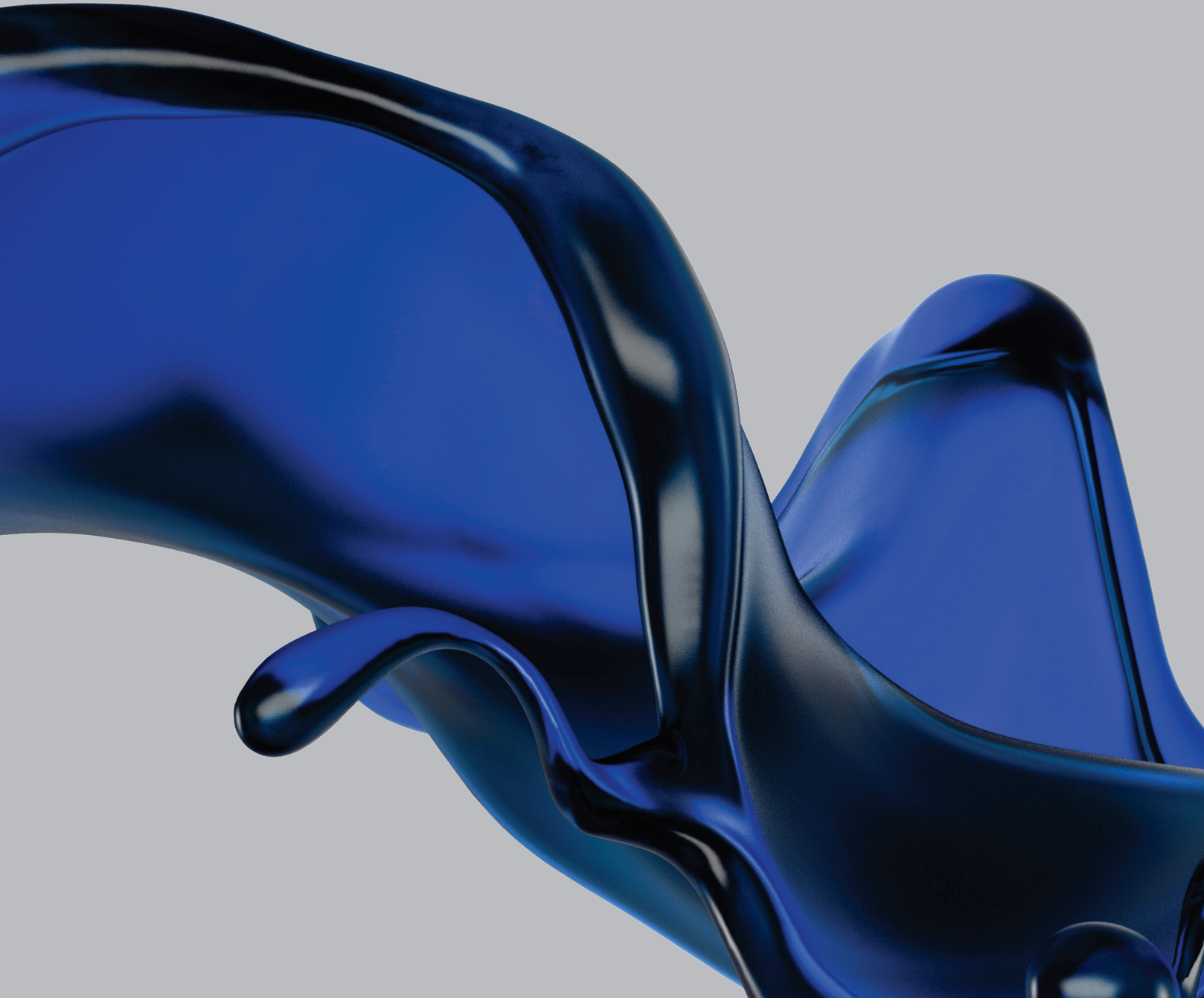
سیال کنترل

FLUID CONTROL

"we find a way"






تکاب اتصال دماوند
ارتعاشات صنعتی
IRAN INDUSTRIAL VIBRATION
Herbe
auma
Solutions for a world in motion
KIZZ IRAN
کیزایران
PISHGAM
Manufacturer of Ball Valve
We
find
a way
شرکت صنعتی نگین شیر
NEGIN
N . S . I
PACKMAN
SADRA VALVE
CEPEX
EXTREME SERIES
AVAND
FICO
VALVES

About Us

The managers of **Fluid Control** Trading Company started working in 1982 with the aim of supplying and equipping industrial and construction valves and fittings.

Fluid Control Trading Company was established by attracting specialized and experienced personnel and completing a portfolio of representations of prominent domestic and foreign manufacturing brands in 1986.

Fluid Control has played an important role in the valves and fittings market by providing innovative and industry-leading solutions.



Our services



Project Unit

During the project completion process, our team of experts and specialists will accompany and assist you.

Supply

With extensive experience in procurement, sourcing, and manufacturing, we ensure the provision and supply of these products with high quality.

Warehouse

With storage capacity of more than 4000 types of industrial products, we have categorized and delivered them rapidly according to different needs and uses.

Inspection

We are ready to provide product inspection services and quality control at various levels—Stage 1, Stage 2, and Stage 3.

Issuance of Shipping Documents

We issue complete and specialized shipping documents with maximum accuracy and no delay in delivery.

Packaging

Packaging will be done properly for each product in special boxes to prevent damage during transport and handling.

Transportation and Delivery of Goods

In addition to receiving various goods from different suppliers and producers, we perform the transportation, monitoring, and final delivery of products to your destination location.

Active Industries :

- Water and Wastewater
- Marine Industries
- Oil, Gas, and Petrochemical
- Steel, Mining, and Metals
- Industrial Wastewater Treatment Plants
- Construction and Hospital Facilities

Water & Waste Water

شرکت مهرآب

تکاب اتصال دماوند


We find a way
WWW.FLCO-CO.COM



Gate Valve

DN: 50-400

PN: 6-16



Butterfly Valve with Manual Operator

DN: 100-2500

PN: 6-63



Gate Valve with Electric Actuator

DN: 50-400

PN: 6-16



Butterfly Valve with Internal Lining

DN: 100-3000

PN: 6-40



Single Chamber Double Orifice Air Valve

DN: 50-200

PN: 6-40



Butterfly Valve with Pneumatic Actuator

DN: 100-1000

PN: 6-16



Double Chamber Double Orifice Air Valve with Shut-off System

DN: 80-250

PN: 6-40



Butterfly Valve with Hydraulic Counterweight Actuator

DN: 300-2500

PN: 6-40



Needle Valve

DN: 200-1800

PN: 6-63



Butterfly Valve Equipped with Bypass Line

DN: 500-1400

PN: 6-40



Pressure Regulator Valve

DN: 50-1000

PN: 6-40



Butterfly Valve Short Body

DN: 500-1000

PN: 6-16



Flow Control Valve

DN: 50-1000

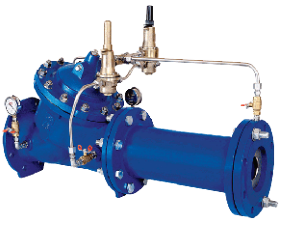
PN: 6-40

Globe Valve

DN: 50-1000

PN: 6-40





Combined Flow Control and Pressure Reducing Valve

DN: 50-1000

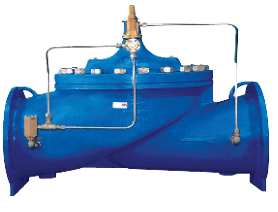
PN: 6-40

Globe Valve with Electric Actuator

DN: 50-1000

PN: 6-40





Automatic Pipeline Breakage Control Valve

DN: 50-1000

PN: 6-40

Swing Check Valve

DN: 50-200

PN: 10-16





Pump Control Valve

DN: 50-1000

PN: 6-40

Spring Check Valve

DN: 50-1000

PN: 6-40





Globe Valve with Pneumatic Actuator

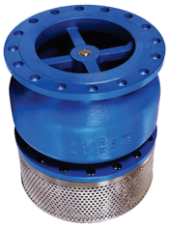
DN: 50-150

PN: 6-40

Suction Poppet Check Valve

DN: 50-1000

PN: 6-40





Relief Safety Control Valve

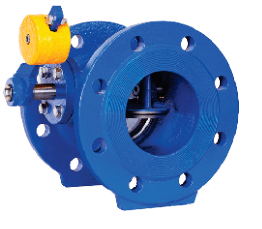
DN: 50-1000

PN: 6-40

Tilting Check Valve

DN: 100-1800

PN: 6-40





Wafer Type Lever Butterfly Valve

DN: 25-300

PN: 6-16



Wafer Type Butterfly Valve with Gear Operator

DN: 25-600

PN: 6-16



Wafer Type Lug Butterfly Valve with Lever Operator

DN: 50-200

PN: 6-16



Wafer Type Lug Butterfly Valve with Gear Operator

DN: 50-1000

PN: 6-16



Wafer Type Butterfly Valve with Pneumatic Actuator

DN: 50-1000

PN: 6-16



Knife Gate Valve

DN: 50-1000

PN: 2-10



سیال کنترل
FLUID CONTROL

The Mirab Company began its operations in 1979, Over time, in the mid- 1980s, it started producing various types of industrial valves for the water and wastewater industry with the highest quality and in accordance with international standards.
From the very beginning of the production process,

Mirab's products were very well received by the relevant authorities, to the extent that today, the company produces approximately 9,000 different models of industrial valves and fittings for various industries with the highest global quality.

Currently, Mirab Company is the supplier and equipment provider for the largest water and wastewater, power plant, and water treatment plant projects in the country.

Mirab Company's certifications include a product quality certificate from Lloyd's Register of England, a certificate from DQS Germany, and a quality certificate from DVGW Germany.

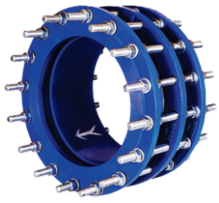
Mirab Company's factory features a machining unit with over 100 universal metal-cutting machines capable of machining parts up to 100 tons.
It also has two powder coating units, a foundry unit with medium-frequency induction furnaces, multiple laboratories for chemistry, mechanics, and other sciences, and various tensile and impact testing machines, among others.



Dismantling Fittings

DN: 50-3000

PN: 6-63



T-Type Strainer (STF)

DN: 50-1600

PN: 6-40



Y-Type Strainer (SYF)

DN: 50-300

PN: 6-40



Fire Hydrant Valve

DN: 100-150

PN: 10-16



Underground Fire Hydrant

DN: 80-100

PN: 10-16





Gate Valve with Rubber Wedge for Hot Water

DN: 50-300

PN: 6-16



Wafer Type Butterfly Valve for Hot Water

DN: 25-300

PN: 6-16



Globe Valve for Hot Water

DN: 50-300

PN: 10-25



Spring Check Valve for Hot Water

DN: 50-1000

PN: 10-16



Swing Check Valve for Hot Water

DN: 50-200

PN: 10-16



Y-Type Strainer for Hot Water

DN: 50-300

PN: 10-16



Takab Ettesal Damavand



Injection Welded Reducer (HDPE)



Electrofusion Reducer (HDPE)



Injection Welded Flanged Cap (HDPE)



Tee Filter Valve



Electrofusion Elbow



Injection Welded 90° Four-Way Fitting (HDPE)



Equal Injection Welded Polyethylene Tee 90°



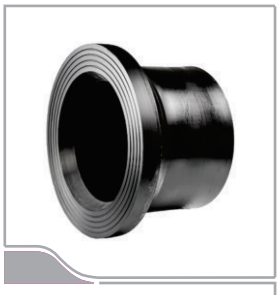
Equal Electrofusion Tee 90°



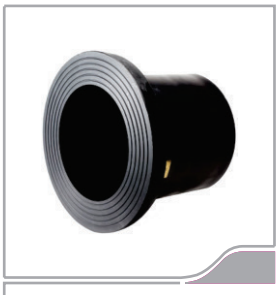
Electrofusion Coupler



Equal Machined Tee 90°



Type B Flange (HDPE)



Type A Flange (HDPE)



Electrofusion Steel Core Drilled Flange (HDPE)



Steel Core Drilled Flange (HDPE)



Electrofusion Repair Coupling Band (HDPE)



Electrofusion Coupling Band (HDPE)

Takab Ettsa: Damavand Company
Start of activity: 1993
Establishment of production unit: 2001
Objectives: The Takab Ettsal Damavand Company produces polyethylene and polypropylene fittings, and also supplies and equips water transmission projects. With various national and international honors, and possessing 22 production lines with state-of-the-art machinery, the company offers its products to domestie and foreign markets.

This Company, with advanced technology and a capacity of 2,200 tons per year, produces its products in diameters of 32 to 1,000 mm. The company's products have a standard dimension ratio (SDR) ranging from 417 to 26.
They are manufactured using the full injection method, in accordance with the standards DIN2501, IN ISS, INSOI4427, ISO4427, and DIN 16963.

Here are some of the key achievements of Takab Ettsal Damavand Company:
Expanding the production size of molded flanges, tees and machined elbows up to 1000 mm Expanding the production size of unequal tees using the saddle fusion method, up to 900 mm



Wafer Type
Aluminum Nickel Bronze
Valve for Seawater

DN: 25-1000

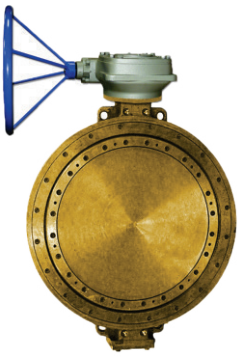
PN: 6-16



Wafer Type Lever
Aluminum Nickel Bronze
Valve for Seawater

DN: 50-300

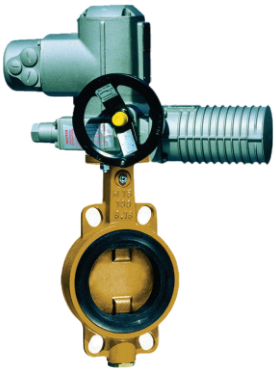
PN: 6-16



Wafer Type Gear
Operated Aluminum
Nickel Bronze
Valve for Seawater

DN: 50-500

PN: 6-16



Wafer Type Electric
Actuated Aluminum
Nickel Bronze Valve
for Seawater

DN: 50-1000

PN: 6-16

Marine industry

In the maritime industry, special materials such as bronze, aluminum, zinc, nickel, titanium, and others are used.

Fluid Control Company supplies these items from reputable brands or from its own warehouses.

It is worth noting that acceptable quantities of MARINE brand fittings and valves from European brands are always available in the company's warehouses.



Oil, Gas & Petrochemical

FICC VALVES

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Solutions for a world in motion

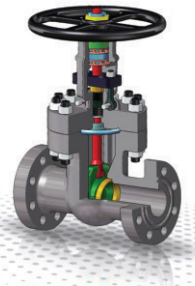
PISHGAM
Manufacturer of Ball Valve

SADRA VALVE

We find a way

WWW.FLCO-CO.COM





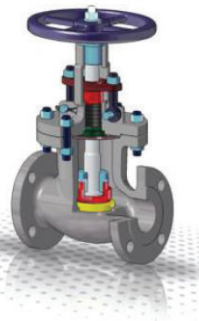
Gate Valve

Basic Standards: API600 / Bs1414 / ASME B16.34

Face to Face Standards: ASME B16.10 / BS EN 558

Inspection & Testing Standards: API 598 / EN 12266

End Connections Standards: ASME B16.5 / ASME B16.25 / ASME B16.47



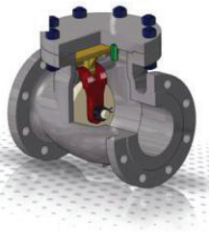
Globe Valve

Basic Standards: Bs1873 / ASME B16.34

Face to Face Standards: ASME B16.10 / BS EN 558

Inspection & Testing Standards: API 598 / EN 12266

End Connections Standards: ASME B16.5 / ASME B16.25 / ASME B16.47



Check Valve

Basic Standards: Bs1868 / ASME B16.34 / API6D

Face to Face Standards: ASME B16.10 / BS EN 558

Inspection & Testing Standards: API 598 / EN 12266

End Connections Standards: ASME B16.5 / ASME B16.25 / ASME B16.47

FICO VALVES

Petro Fajr-e-Markazi Industrial Group was established in 1986 with the aim of producing equipment and parts for the oil, gas, petrochemical, steel, and automotive industries. Over the years, gaining experience and through the increasing development of the oil industry and its dependent industries, they established a factory for the production of industrial valves under the name of **Petro Fajr-e-Markazi** Company and the brand name FLCO. Currently, this company is one of the most reputable and largest manufacturers of various types of Gate valves, Globe valves, and Check valves, ranging in size from 2 inches to 60 inches and conforming to pressure classes 900 ,600 ,300 ,150, and 1500 in Iran



Ficovalves Official agency

According to ISO 5210, multi-turn actuators are capable of withstanding the applied thrust force and transmitting torque to the valve for at least one full rotation. In general, multi-turn actuators are used for operations requiring more than one turn. Therefore, gate valves are often equipped with a rising stem, and their operation is performed over multiple turns through multi-turn actuators. Accordingly, multi-turn actuators are designed with a hollow shaft that encases the valve stem.

MULTI TURN (SA OR SAR)

TYPE:SA07.02-SA48.1

RPM: 4-100

Ingress Protection Rating: IP68



According to ISO 5210, quarter-turn actuators, which operate with one full rotation or less, transmit torque to the valve. Axial thrust load capacity is not required for this type of actuator.

PART TURN (SQ)

TYPE:SQ05.2-SQ14.2

RPM: 4-100

Ingress Protection Rating: IP68





auma®
Solutions for a world in motion
Official agency

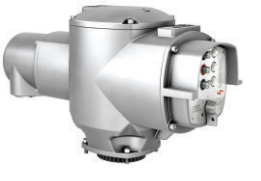
Actuators equipped with AM or AC controllers can receive commands locally as soon as electrical power is applied. These controllers include a contactor, power supply board, and interface boards between the controller and the DCS. They are capable of processing operational commands and sending feedback signals from the actuator. Electrical connection between the controller and actuator is provided via a plug-and-socket system, which allows for quick installation and removal.

CONTROLER

TYPE: AM & AC

Ingress Protection Rating: IP68





AUMA gearboxes, suitable for both multi-turn and quarter-turn actuators, are available in various types. For GS quarter-turn actuators, AUMA gearboxes are designed and manufactured in four different models, providing the flexibility to install them in various positions. The design of these four AUMA gearbox models ensures that the orientation of the worm shaft relative to the worm wheels and the rotation direction of the gearbox output is based on the clockwise rotation of the gearbox input shaft.

Gearboxes

TYPE:GS

Ingress Protection Rating: IP67



The **AUMA** company is a leading manufacturer of electric actuators for the automation of industrial valves. Since 1964, the company has focused on the development, production, sales, and service of electric actuators. The AUMA brand is recognized for its long-standing experience and knowledge in this industry, achieving a high level of expertise in the production of electric actuators used in the energy, water and wastewater, oil and gas, and various other industries. AUMA electric actuators are among the best actuators or, more accurately, the operating devices used in various industrial facilities such as energy, oil and gas, and generally in different industries, and they offer excellent and suitable performance.

AUMA electric actuators are capable of remotely controlling industrial valves with great precision from a control room. In industries, there is a high demand for liquids, gases, granules, and various gas mixtures, all of which are transported through specific pipelines to different sections.

AUMA electric actuators can accurately control the process of opening and closing the flow of liquids and gases within pipelines. Electric actuators consist of two main components: an electric motor and a gearbox. These motors and gearboxes can sufficiently provide the required torque to move the movable parts of valves such as butterfly, ball, and globe valves.



Type	Output speeds at 50HZ	Setting range for tripping torque	Maximum pemissible number of starts	Valve mounting flange	
Muti turn	{rpm}	{Nm}	{1/h}	ISO 5210	DIN3210
SA 07.2	4 - 180	10 - 30	60	F07 or F10	G0
SA 07.6	4 - 180	20 - 60	60	F07 or F10	G0
SA 10.2	4 - 180	40 - 120	60	F10	G0
SA 14.2	4 - 180	100 - 250	60	F14	G1/2
SA 14.6	4 - 180	200 - 500	60	F14	G1/2
SA 16.2	4 - 180	411 - 1.000	60	F16	G3
Part turn	{rpm}	{Nm}	{1/h}	ISO 5210	DIN3210
SQ 05.2	4 - 32	50 - 150	60	F05	F07
SQ 07.2	4 - 32	100 - 300	60	F07	F10
SQ 10.2	8 - 63	200 - 600	60	F10	F12
SQ 12.2	16 - 63	400 - 1.200	60	F12	F14
SQ 14.2	24 - 100	800 - 2.400	60	F14	F16

Production Of Industrial Valves With Duplex Material

Duplex Material

Corrosion of industrial valves is a complex issue with many variables. These variables include the chemical elements that make up the metal, heat treatment, microscopic structure, etc., which requires the use of corrosion-resistant materials for highly corrosive fluids such as seawater.

One of these cases, according to the ASTM A890 standard, is duplex stainless steel. An alloy of iron, chromium, nickel, and molybdenum with an austenitic-ferritic structure, with the condition of choosing the appropriate chemical composition and performing the desired heat treatment, has high mechanical strength and corrosion resistance. Its most important feature is its resistance to grain boundary corrosion. It does not corrode in chloride and sulfide environments and resistance to stress corrosion cracking are among its important features.

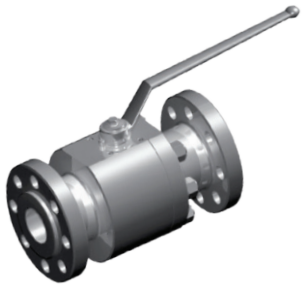
Applications of Duplex and Superalloys

Duplex and Superalloy Applications

- Marine Industries
- Pulp and Paper Industries
- Refineries
- Fire Suppression Systems
- Offshore Platforms
- Oil and Gas Pipelines and Equipment
- Heat Exchangers, Tanks and Piping
- Absorption Towers, Scrubber Systems and Facilities
- Desalination, Reverse Osmosis (RO) Systems and Seawater Pipelines
- Parts and Equipment that Requires High Strength and Corrosion Resistance
- Chemical and Corrosive Acid Pipelines such as Hydrochloric Acid



شرکت مهرآب



Floating Ball Valve

size: 2” - 6”

DN50-DN150

Class 150 - 300

API6D,ASME B16.34
ASME PBVC, API 6FA



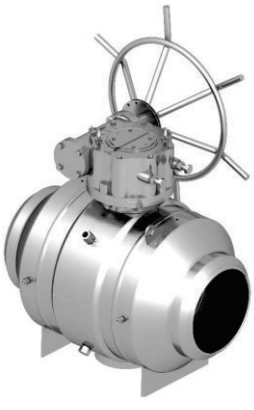
LBV Ball Valve

size: 2” - 36”

DN50-DN900

Class 150, 300 ,600

API6D,ASME B16.34
ASME PBVC, API 6FA



Trunnion Mounted Full Welded Ball Valve

size: 2” - 36”

DN50-DN900

Class 150-300-600

API6D,ASME B16.34
ASME PBVC, API 6FA



Trunnion Mounted Bolted Ball Valve

size: 2” - 36”

DN50-DN900

Class 150, 300 ,600

API6D,ASME B16.34
ASME PBVC, API 6FA

Pishgam & Sadra
Official agency

PISHGAM
Manufacturer of Ball Valve

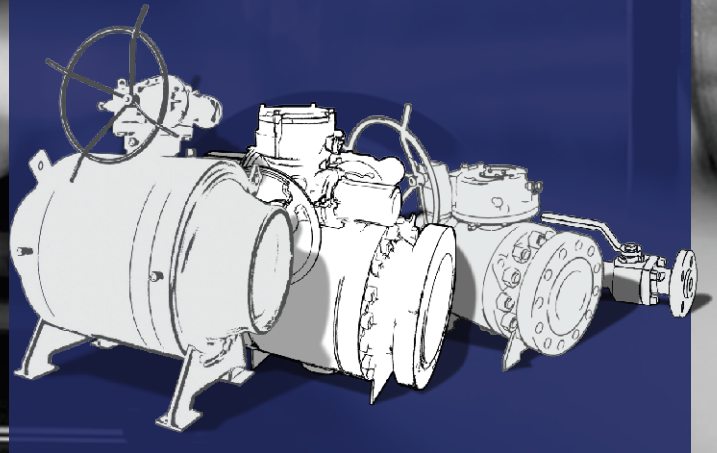
SADRA VALVE

Pishgam Industrial Equipment Designers Company has started its specialized activities by focusing on designing and manufacturing equipment required by the country's oil, gas and petrochemical industries through cooperation with leading foreign companies and intelligent transfer of technicai knowledge since 2002.

Pishgam Company, with its R&D unit, in addition to having an operating license for valve production from the Ministry of Industry, Mine and Trade, has obtained a license to establish a R&D unit and is considered a reference in the field of ball valves applied in the oil, gas and petrochemical industries in the country.

Pishgam is the first company among ball valve manufacturers in Iran that succeeded in designing and manufacturing fully welded valves in Iran, and today these valves are produced from ½ inch to 42-inch sizes in classes 150 to 2500.

It should be noted that, with the aim of developing the market and promoting national production, Pishgam Company has established an industrial valve manufacturing factory under the Sadra brand, which operates in the field of manufacturing various types of slide valves, one-way valves, and globe valves.



Construction Industry

KIZZ IRAN کیزایران

شرکت صنعتی نگین شیر
NEGIN

ارتعاشات صنعتی
IRAN INDUSTRIAL VIBRATION

پلی‌ران
POLIRAN

BENKAN


We find a way
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Gate Valve

Size: 1/2" ~ 3"

W.P: 1/2"~ 2" 16 bar
2 1/2"~ 3" 20 bar

Needle Valve

Size: 1/2" ~ 2"

MAX.W.P: 150 psi





Spring Check Valve with Brass Seat

Size: 1/2"~ 3"

W.P: 1/2" ~ 1" 16 bar
1 1/4" ~ 2" 12 bar
2 1/2" ~ 3" 12 bar

Spring Check Valve with PTFE Seat

Size: 1/2"~ 3"

W.P: 1/2" ~ 1" 16 bar
1 1/4" ~ 2" 12 bar
2 1/2" ~ 3" 12 bar





Y-Type Strainer

Size: 1/2"~ 2"

W.P: 16 bar

Spring Check Valve

Size: 1/2"~ 2"

W.P: 1/2" ~ 1" 16 bar
1 1/4" ~ 2" 12 bar





Fire Hydrant

Size: 1 1/2"

W.P: 16 bar

Swing Check Valve

Size: 1/2" ~ 2"

W.P: 16 bar





Pissoir Valve

Size:1/2"*1/2" & 1/2"*3/8"

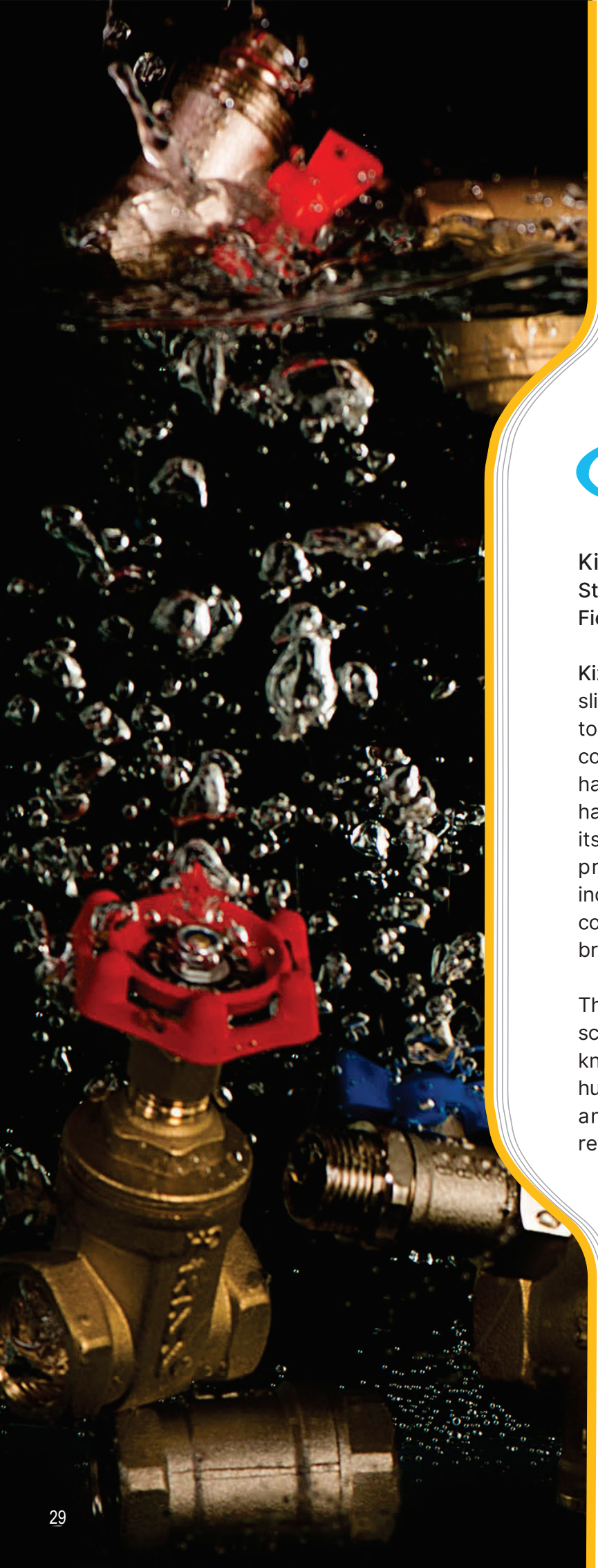
W.P: 16 bar

Pressure Reducing Valve

Size: 1/2" ~ 3/4"

MAX. W.P in let: 15 bar
MAX. W.P out let: 1~4bar





Kizz Iran Company

Start of activity: 1984

Field of activity: Brass valve manufacturer

Kizz Iran is the first manufacturer of brass sliding gate valves in Iran and one of the top manufacturers of industrial valves for construction and installations.This company has prioritized quality improvement and has determined customer satisfaction as its most important mission. An effective presence in competitive markets and increasing the company's share of the construction market are among the **Kizz Iran** brand's plans to achieve strategic goals.

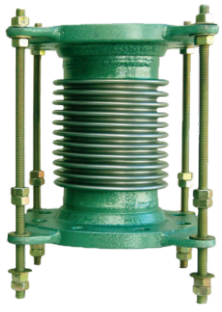
This company considers cooperation with scientific and research centers, utilizing the knowledge and experiences of efficient human resources, and presence in national and international arenas as a mirror to reflect its capabilities

IRAN INDUSTRIAL VIBRATION





Rubber Expansion Joints



Bellows Expansion Joints



Marine Corrugated Hose



Hydraulic Hose



Universal Expansion Joint

Iran Industrial Vibrations Company

Started in: 1969

Field of activity: Production of industrial vibration dampers

Iran Industrial Vibrations Company is the largest and first manufacturer of all types of rubber vibration dampers, accordion industrial connectors. fabric connectors, and spring and hoses, which has been operating in various industries for fifty years.

In order to complete the distribution portfolio of products and services to customers, Fluid Control Company has acquired the representation of this manufacturer, following the agreement between us.

Negin Shir Industrial Company

NEGIN

N . S . I



Quarter Turn Valve With A Long Handle

Size: 1/2” & 3/4” & 1”
1 1/4” & 1 1/2” & 2”
2 1/2” & 3”

W.P: 16 bar



Lockable Gas Valve

Size: 1” & 1 1/2” & 2”

W.P: 16 bar



T-handle Gas Valve

Size: 1/2” & 3/4”

W.P: 16 bar



Gas Valve

Size: 1/2” & 3/4” & 1”
1 1/4” & 1 1/2” & 2”
2 1/2” & 3”

W.P: 16 bar



Negin Shir Industrial Company,

a leader in the production of installation and construction valves, presents its diverse and high-quality products to the industries of our beloved country of Iran by establishing the ISO 9001-2000 quality management system.

Due to the standard mark, which is a sign of their high quality and excellence, Negin Shir Company's products have been used in many important and sensitive centers, including water and sewage companies, as well as gas installations for homes, water supply installations, and large and small industrial factories.

Steel, Mining & Metals


We find a way
WWW.FLCO-CO.COM



Avand Official agency

Avand Industrial Valves Company was established in 2010 and currently operates in a 3000 square meter factory in the field of specialized valve production. The main product portfolio of Avand is pinch valves. Closed body pinch valves, pneumatic pinch valves, double-acting pinch valves, actuator-equipped pinch valves and slurry knife valves are the most important products of this brand. These products are used in the field of flow control of corrosive and abrasive fluids.

AVAND



Avand Official agency



Slurry Knife Gate Valve

DN: 50-700

PN: 6/10/16

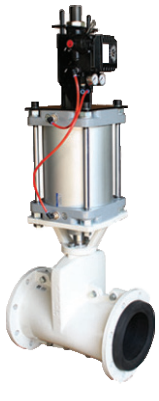
With anti-abrassive sleeve and blade
Shutt off slurry fluids and sand shooting and granols

Air Actuated Pinch Valve

DN: 50-200

PN: 6-10

Automatic controlling of Slurry & acid Fluids





Air Operated Double Acting Pinch Valve

DN: 25-350

PN: 6/10/16

Shutt off & Throttling Fluids

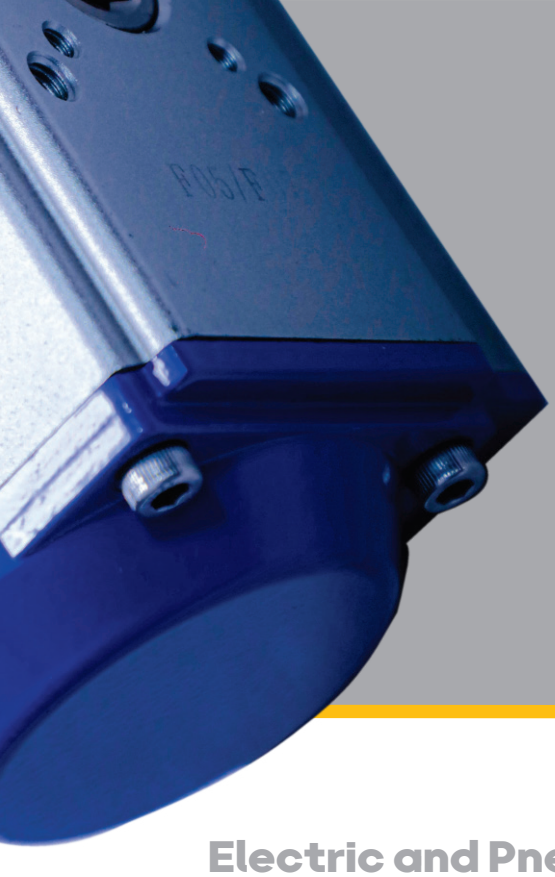
Double Acting Pinch Valve

DN: 80-500

PN: 6/10/16

Shutt off & Throttling Fluids





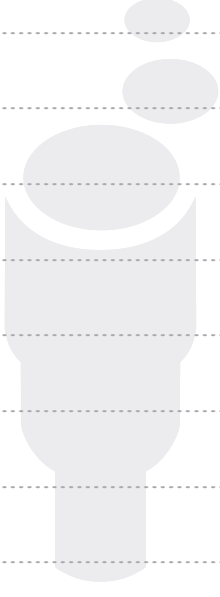
Electric and Pneumatic Actuators

Products of Fluid Control Company

- Economical price
- Advanced technology
- Unique style
- Possibility of equipping with other peripheral devices
- Attractive design
- High precision in production
- Free coupling and testing
- Improve the efficiency of the valve system



Note:




ما راهی را پیدا می‌کنیم
"ما راهی را پیدا می‌کنیم"
KIZZ
کیزایران


سیال کنترل
CONTROL
ما راهی را پیدا می‌کنیم



No. 197, Vahid Dastgerdi
St., Modarres Highway,
Tehran, Iran
021 -74525

www.flco-co.com
info@flco-co.com

