

**2021**

# **COMPANY PROFILE**

PPI is a new company founded by Oil & Gas industry veterans with extensive expertise in the GCC and MENA countries backed by more than 40 years of experience in supply chain management, industrial manufacturing, engineering, construction contracting, construction management, and project management.

**ADCA**

**COMPLETE  
RANGE**



# / STEAM TRAPS

## / THERMOSTATIC BALANCED



## / SANITARY



An efficient steam trap defines the frontier between steam and condensed liquid and allows the proper functioning of the installation and better energy management.

From DN15 to DN 150 | Pressure up to 80 bar | Flow rates of over 100,000 Kgs/h.

## / THERMOSTATIC BIMETALLIC



## / THERMODYNAMIC



## / INVERTED BUCKET



## / UNIVERSAL STEAM TRAPS AND CONNECTORS



## / FLOAT AND THERMOSTATIC



# / PRESSURE REGULATORS

## / PILOT OPERATED



## / HIGH CAPACITY



## / SANITARY



When it is required (for mechanical or thermodynamic reasons) this valves reduces pressure close to usage points (machinery) or in different areas of a plant.  
Carbon steel, stainless steel, cast steel | From DN 08 up to DN150 | European and American standards.

## / DIRECT ACTING / SUSTAINING / REDUCING



**ADCA**Trol

# / CONTROL VALVES

## / STAINLESS STEEL



Modern plants demand accurate distribution and control of fluids. Control Valves play a crucial role in an effective control system.

We can study solutions for special applications; such as low noise requirements, micro-flow applications, cavitation protection, among others.

Carbon steel, Cast steel and Stainless steel | From DN15 to DN200 | Screwed, wafer or flanged connections | EN1092 or ANSI standards.

## / OVERFLOW VALVES



## / SANITARY



**ADCA**Pure

## / TWO OR THREE WAY / ON-OFF / MODULATING / SPECIAL DESIGNS



## / BLOWDOWN VALVES



**ADCA**Trol

# PIPELINE ANCILLAIRES

## / PIPELINE STRAINERS



## / AIR AND GAS FLOAT TRAPS



Although many times neglected, Ancillary items are vital to the functioning of your installation, assuring the efficiency of a distribution system and fluid control.

## / NON-RETURN VALVES



## / VACUUM BREAKERS



## / SIGHT GLASSES



## / ISOLATION VALVES



## / AUTOMATIC AIR AND GAS VENTS FOR LIQUID SYSTEMS



# SPECIAL EQUIPMENT

## / SKID MOUNTING SYSTEMS



Our knowledge on energy recovery in steam systems, allow us to provide a complete solutions, in "plug-and-play" packages.

## / BLOWDOWN TANKS



This group of items consists of different equipment and, in most cases, specially developed to the process industries.

## / STEAM INJECTORS AND STEAM - WATER MIXERS



**ADCA**Mix

## / ADCAMAT PUMPS



**ADCA**Mat

## / FLASH VESSEL



## / HEAT EXCHANGERS



**ADCA**Therm

## / SAMPLE COOLERS



## / HUMIDITY SEPARATORS



# PRESSURE REGULATORS /

## / PILOT OPERATED



## / BLANKETING / VENTING



ADCAPure

From the simplest direct action valve to the pilot operated valve, in different types of construction, the range of choice is wide and in some cases we can provide several solutions to the same situation. Carbon steel, stainless steel, cast steel | From DN 08 up to DN150 | European and American standards.

## / HIGH CAPACITY



## / SANITARY



ADCAPure

## / DIRECT ACTING / SUSTAINING



ADCA<sup>Trol</sup>

# CONTROL VALVES /

/ TWO OR THREE WAY / STAINLESS STEEL /  
ON-OFF / MODULATING / SPECIAL DESIGNS



We have a wide range for controlling temperature, level, pressure, and humidity. They all can be supplied with the necessary accessories for your installation. We also study solutions for special applications, such as low noise requirements, micro-flow applications, cavitation protection.

Carbon , Cast and Stainless steel | From DN15 to DN200 | Screwed, wafer or flanged connections | EN1092, or ANSI standards.



/ BLOWDOWN VALVES



/ SANITARY



*ADCA*Pure

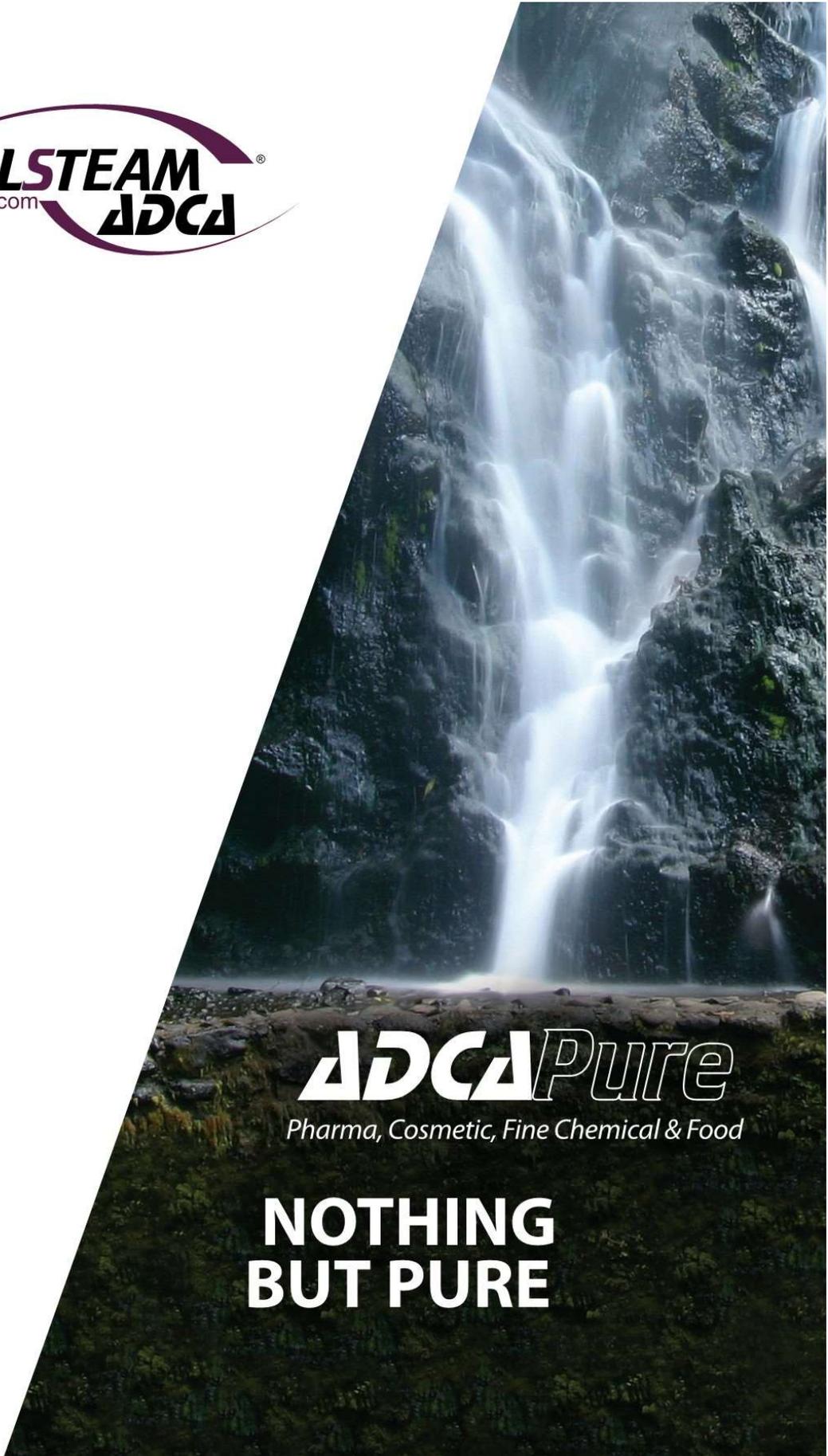
/ OVERFLOW VALVES



/ SPECIAL DESIGNS



*ADCA*Trol



**ADCD** *Pure*

*Pharma, Cosmetic, Fine Chemical & Food*

**NOTHING  
BUT PURE**

# HUMIDITY SEPARATORS SAMPLE COOLERS STEAM TRAPS

/ HYGIENIC / HIGH PURITY  
BALL VALVES



/ LOW PRESSURE BLANKETING  
AND VENTING REGULATORS



/ VACUUM BREAKERS



/ CLEAN STEAM TRAPS



/ STEAM HUMIDITY SEPARATORS



/ SAMPLE COOLERS



/ STEAM FILTERS



# **PRESSURE REDUCING VALVES PRESSURE SUSTAINING VALVES CONTROL VALVES**

## **/ COMPLETE FAMILY PRESSURE REGULATORS VALVES**



## **/ HYGIENIC AND ASEPTIC ANGLE CONTROL VALVES**



## **/ SAFETY RELIEF VALVES**



## **/ SANITARY CHECK VALVES AND SIGHT GLASSES**



**ADCAPure**

# PERFECTLY ENGINEERED PERFECTLY CLEANED

ADCAPure targets very demanding industries, with complex purity systems. That's why throughout the production cycle our products are subject to tight specifications and requirements.

## RAW MATERIAL CONTROL

At Valsteam ADCA, the compliance with the higher standards takes place right from the beginning: according to the EC No 1935/2004 traceability exists for all the raw materials and they are all tested by specialized technicians and by advanced equipment.

## QUALITY COMPLIANCE IN THE MANUFACTURE

Besides the state-of-the art machining equipment, to ensure the highest standards we also have an isolated sector dedicated to stainless steel welding.

Here we carry out specific welding techniques, such as microplasma, orbital, or pulse tig. The manufacture process follows GMP for FCM as specified in EC No 2023/2006.





## QUALITY COMPLIANCE IN THE ASSEMBLY

Valsteam ADCA invested in a certified clean room (acc. to ISO 14644-1) especially to assemble the ADCAPure equipment on a non-contaminated environment.

The room is divided into four separated areas:

### ULTRASOUND CLEANING ROOM

Equipped with a fully automatic machine for ultrasound cleaning, a special degreasing method for oxygen applications and passivation.

### HYGIENE CHAMBER

For personal disinfection and to properly dress all the PPE (personal protective equipment) required.

### ASSEMBLY ROOM

Here the products are assembled, tested and packed.

It is equipped with stainless steel tools and furniture.

### WAREHOUSE

For final product storage, in a contamination free environment.





## PRODUCT SUMMARY

Control Valves & Accessories  
Measurement Control & Automation



### Pneumatic Angle Seat Piston Valves

<b>Type</b>	: Pneumatic Angle Seat Piston Valve, On-off or proportional control
<b>Size</b>	: 1/2" ... 2" G screwed, flanged, welding connection (on request NPT screwed)
<b>Position</b>	: Normally Closed (N.C.), Normally Open (N.O.)
<b>Working Temperature</b>	: -10/+180 °C
<b>Max. Working Pressure</b>	: 16 bar, vacuum lines
<b>Body, Actuator Material</b>	: Stainless Steel, AISI 316
<b>Leakproofing Material</b>	: Standard PTFE (optionally VITON or EPDM)
<b>Recommended Air Pressure</b>	: 6 bar
<b>Air Supply Connection</b>	: 1/4" G screwed
<b>Application</b>	: Water, Air, Steam, Gas, Chemical Material, Petroleum Products, Nutrient, Vacuum, etc.



### Rotary Pneumatic Actuators / Single Acting - Double Acting - Three Positioned

<b>Body Material</b>	: Extruded Aluminum, Surface Hardened Aluminium Coated, Impregnated, epoxy Painted
<b>Output Torque Values</b>	: DA Series: Double Acting 9 Nm ... 5162 Nm; SR Series: Single Acting 5 Nm .... 1950 Nm 3P Series: 18 Nm .... 330 Nm
<b>Shaft</b>	: Steel (Nickel Coated), Stainless Steel
<b>Sealing Material</b>	: NBR (on request VITON)
<b>Working Temperatures</b>	: -20 °C ... 80 °C / -50 °C ... 80 °C
<b>Bearing Material</b>	: Industrial Hardened Plastic
<b>Control</b>	: On-off or Proportional Control Actuator/Valve Connection Standard ... ISO 5211 Solenoid Valve Connection Standard (3/2 or 5/2): ... NAMUR Positioner and Limit Switch Box Connection Standard ... NAMUR
<b>Air Supply</b>	: 4 - 8 Bar
<b>Protection Class</b>	: On request; ATEX (Protection Class: II 2GD c T4)
<b>Application</b>	: Ball and Butterfly Valves, Dampers on-off or Proportional Control



### Pneumatic Actuated Ball and Butterfly Valves

<b>Series</b>	: PAV 900 Pneumatic Ball Valves PAV 800 Pneumatic Butterfly Valves
<b>Ball Valve Connection</b>	: Flanged, Screwed, Welded
<b>Way</b>	: 2 Way Ball Valves - 3 Way Ball Valves
<b>Valve Body Material</b>	: Stainless Steel, Brass, Cast Iron, PVC, Carbon Steel
<b>Dimension of Ball Valve</b>	: 1/2" ... 8" ( DN 15 ... DN 200)
<b>Ball Valve Working Pressure</b>	: PN 16, 25, 40 bar
<b>Butterfly Valve Connection</b>	: Wafer Type, Lug Type, Flanged Type
<b>Dimension of Butterfly Valve</b>	: DN 25 ... DN 600 (Wafer Type, Lug Type)
<b>Butterfly Valve Working Press.</b>	: PN 6 ... PN 16
<b>Control</b>	: On-Off or Proportional
<b>Actuator Type</b>	: Double Acting, Single Acting Type, Three Positioned, 180° Rotational



### Electric Actuators

#### Electric Actuator

<b>Series</b>	: REA Rotary Type Electric Actuator EAV 800 Electric Actuated Butterfly Valves (DN 40 ... DN 800) EAV 900 Electric Actuated Ball Valves (DN 15 .... DN 250)
<b>Application</b>	: Ball Valves, Butterfly Valves, Dampers
<b>Torque Rotational Moment:</b>	It changes between 60 Nm and 3000 Nm (12 different options)
<b>Motor Power</b>	: 220 V AC, 24 V AC/DC 1Ph, 380 °C V AC 3Ph. 50/60 Hz 3 10%
<b>Temperature</b>	: -20 °C - 70 °C
<b>Flanged Connection</b>	: ISO 5211 or DIN 3337 Standard
<b>Control</b>	: On-off or Proportional Control
<b>Accessories</b>	: Proportional Card, limit switch can be added, 4-20 mA Output Smart Type Electric Actuators, Spring Return Actuators.
<b>Protection Class</b>	: Weather proof - IP67, IP68 Optional Explosion Proof - Exd IIB T4 (Atex)



### Electric Actuated Valves / Mini Motorized Ball Valve

<b>Series</b>	: EAV 900 Electric Ball Valve / EAV 800 Electric Butterfly Valve
<b>Way</b>	: 2 Way Ball Valves - 3 Way Ball Valves
<b>Valve Body Material</b>	: Stainless Steel, Brass, Cast Iron, PVC, Carbon Steel
<b>Dimension of Ball Valve:</b>	Ball: 1/2" ... 8" ( DN 16 ... DN 200) Butterfly: DN 25 ... DN 600 (Wafer Type, lug Type)
<b>Valve Working Pressure:</b>	Ball: PN 16, 25, 40 bar Butterfly: PN 6 ... PN 16
<b>Valve Connection</b>	: Ball: Flanged, Screwed, Welded Butterfly: Wafer Type, lug Type, flanged Type
<b>Control</b>	: On-off or Proportional (4-20 mA input/output)



#### S91 Series Mini Motorized Ball Valve

<b>Dimension</b>	: 1/2" ... 1"
<b>Supply</b>	: 12V AC/DC , 24V AC/DC , 220V AC
<b>Way</b>	: 3/2 - 2/2 way
<b>Body</b>	: Brass or Stainless Steel Ball Valve



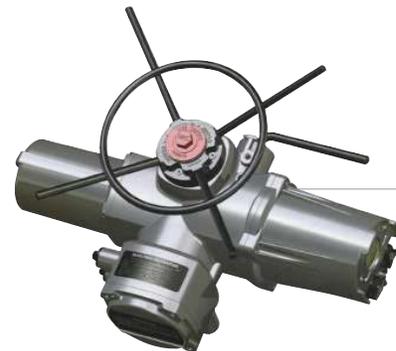
S91



### Multi-Turn Electric Actuators

<b>Series</b>	: HM
<b>Torque Rotational Moment</b>	: 14 - 3000 Nm When combined with gear box up to 43.000Nm or 500.000Nm
<b>Application</b>	: Automation of gate and globe valves, as well as other multi-turn applications like sluices and weirs with large stem diameters
<b>Protection Class</b>	: Weatherproof IP67 , optional IP68 (10m/72Hr ) and Explosion Proof Enclosure Ex d II B T4(-20°C-60°C)

- Digital LCD window & smart design, handwheel for manual operating. Optionally 0-10V DC , 4-20mA input /output proportional control ( PCU ) , current position transmitter output 4-20mA DC (CPT)
- MODBUS and PROFIBUS modules



### Pulse Solenoid Valves

#### PL Series (for dust filters with bag and bunkers)

<b>Size</b>	: 3/4", 1", 1 1/2" ... 3"
<b>Body</b>	: Aluminium injection
<b>Diaphragm</b>	: Neoprene
<b>Connection</b>	: Threaded, Coupling, Flanged
<b>Working Press.</b>	: 0,5 - 8 bar
<b>Working Temperature</b>	: -20 °C ... 80 °C
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC,
<b>Protection Class</b>	: IP 65 and IP68 coil.
<b>Time Relay</b>	: It is used for controlling PL Series solenoid valves. On-off time and outlet quantity must be declared before.



PL 1010



PL 1020



PL 1030



PL 1080

Time relay for pulse valve control



### General Purpose Solenoid Valves / PTFE Coated Solenoid Valve & IP68 Coil

#### S10 Series (for Air, Water, Gas)

<b>Size</b>	: 1/8" ... 3"
<b>Working Press.</b>	: 0-16 / 0.5-16 / 0.5-40 bar / 2 - 70 bar
<b>Working Temperature</b>	: -10 °C ... 130 °C
<b>Connection</b>	: BSP threaded (NPT on request), Flanged (DN 80 ... DN 200)
<b>Position</b>	: Normally Closed (N.C.) / Normally Open (N.O)
<b>Coil Voltage</b>	: 220 V, 110V, 24 V, 12V, AC/DC,
<b>Protection Class</b>	: IP 65, IP 68, Ex-proof coil.



#### SW1010 Series (PTFE Coated Solenoid Valve&IP68 Coil Under Water & Aggressive Enviroments)

PTFE Coated solenoid valve and C42 serie IP68 Coils can be used in an environment with high humidity, rain and in places open to external influences such as water, 10 meters under water, in a dusty or acidic environment.

All our range of solenoid valves can be produced as capable of operating under aggressive environment and water.



### Steam Solenoid Valves

#### S20 Series (for Hot Water and Steam)

<b>Size</b>	: 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
<b>Working Press.</b>	: 0-6 bar / 0.5 - 6 bar
<b>Working Temperature</b>	: 160 °C
<b>Connection</b>	: BSP threaded (NPT on request),
<b>Position</b>	: Normally Closed (N.C.) / Normally Open (N.O)
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Protection Class</b>	: IP 65, IP 68, Ex-proof coil.



### Vacuum Solenoid Valves

#### S30 Series (for Air, Water, Gas -10...90 °C)

<b>Size</b>	: 1/8", 1/4", 3/8", 1/2", 3/4", 1"
<b>Working Press.</b>	: (-1, 0, 1, 2, 3) bar and Vacuum
<b>Working Temperature</b>	: -10 °C ... 130 °C
<b>Connection</b>	: BSP threaded (NPT on request),
<b>Position</b>	: Normally Closed (N.C.)
<b>Coil Voltage</b>	: 220 V, 110V, 24 V, 12 V AC/DC,
<b>Protection Class</b>	: IP 65, IP 68, Ex-proof



### Fuel Oil Solenoid Valves

#### S40 Series (for Fuel Oil, Gas, Burner, Diesel Oil and Hydraulic Oil) 7° E

<b>Size</b>	: 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
<b>Working Pressure</b>	: 0-30 bar / 0.5 - 16 bar
<b>Working Temperature</b>	: -10 °C ... 160 °C
<b>Connection</b>	: BSP threaded (NPT on request),
<b>Position</b>	: Normally Closed (N.C.) / Normally Open (N.O)
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Protection Class</b>	: IP 65 and Ex-proof

**S7130 Series** : For Filling Fuel Oil; Two Staged Solenoid Valve



### Compressor Solenoid Valves

#### S50 Series (for compressor air with high pressure)

<b>Size</b>	: 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
<b>Working Pressure</b>	: 0 ... 16 bar, 0 ... 40 bar
<b>Working Temperature</b>	: -10 °C ... 160 °C
<b>Connection</b>	: BSP threaded (NPT on request),
<b>Position</b>	: Normally Closed (N.C.) / Normally Open (N.O)
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Protection Class</b>	: IP 65, IP 68, Ex-proof coil.



### Stainless Steel Solenoid Valves / Pinch Solenoid Valves

#### S60 Series

<b>Size</b>	: 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Body</b>	: AISI 316
<b>Working Pressure</b>	: 0 ... 100 bar
<b>Position</b>	: Normally Closed (N.C.), Normally Open (N.O.)
<b>Application</b>	: Corrosive Fluid, Water, Oil, Acid etc.
<b>Protection Class</b>	: IP 65, IP 68, Ex-proof coil.



#### S85 Series Pinch Solenoid Valves

<b>Size</b>	: 5-9 mm rubber hose (50 shore A)
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Body</b>	: Aluminum anodized
<b>Position</b>	: Normally Closed (N.C.), Normally Open (N.O.)
<b>Application</b>	: Corrosive Fluid, Water, Oil, Acid etc.



### Latching Solenoid Valves

#### S83 Series

<b>Size</b>	: 1/8", 1/4", 3/8", 1/2", 3/4", 1"
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Body</b>	: Brass
<b>Working Pressure</b>	: Various Pressure Values Between 0 ... 100 bar
<b>Application</b>	: Corrosive Fluid, Water, Oil, Acid etc.

- Each time that the coil is energized, the valve changes its position (from NC to NO)
- To change the position, you need to re-energize the coil for short time
- The coil cannot withstand continuous energy



### Fuel Oil Pump and Irrigation Solenoid Valves

#### S80 Series (Fuel Oil Pump Solenoid Valve)

<b>Size</b>	: 3/4", 1"
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Body</b>	: Aluminium
<b>Working Pressure</b>	: 0,5 ... 10 bar
<b>Application</b>	: For Filling Fuel Oil; Two Staged Solenoid Valve



#### S89 Series (Irrigation Solenoid Valve)

<b>Size</b>	: 3/8" ... 3"
<b>Coil Voltage</b>	: 220 V, 110 V, 24 V, 12 V, AC/DC
<b>Body</b>	: PVC
<b>Working Pressure</b>	: 0,5 ... 10 bar
<b>Application</b>	: For Automatic Irrigation Systems



**Cooling Solenoid Valves**

- S61 / S62 Series**
- Size** : 1/4", 3/8", 1/2", 5/8", 7/8" SAE, ODF
- Body** : Brass (Core Tube: Stainless Steel)
- Working Temperature** : -30...105°C
- Working Pressure** : 0 bar .... 35 bar, 0,5 bar ... 21 bar
- Position** : Normally Closed (N.C.)
- Coil Voltage** : 230 V, 110V, 48 V, 24 V, 12 V, AC/DC  
110 V, 48 V, 24 V, 12 V DC
- Protection Class** : IP 65
- Application** : Cooling Systems, Refrigerators, Freezers Gas



**Exproof Solenoid Valves**

- S70 / S73 Series**
- Size** : 1/8" ... 2" BSP (On request NPT)
- Body** : Brass (Core Tube: Stainless Steel)
- Working Temperature** : -10...80°C
- Working Press.** : 0 bar .... 100 bar
- Position** : Normally Closed (N.C.), Normally Open (N.O.)
- Coil Voltage** : 230 V, 110V, 48 V, 24 V, 12 V, AC/DC  
110 V, 48 V, 24 V, 12 V DC
- Protection Class** : II 2G Ex mb IIC T4 Gb
- Application** : Air, Water, Gas etc. fluids



**Coils and Sockets**

- Coils** : C40, C41, C42, C48 Series
- Coil Voltage** : 220 V, 110V, 24 V, 12 V, AC/DC,  
IP 65 and IP 68 Protection Class and Ex-proof Coil.

- Freewheeling Diode Coils** : C44, C45 Series  
Freewheeling diode coils are design to prevent electronic cards from reverse voltages inducted in coils when energy shutdown.

- Connectors** : C81, C82 Series Standart  
C81, C86 Series Led  
PWM Energy Saving Connector



Connectors

C44, C45 Diode Coils

### Flowmeters with Float and Glass Tube Float

- Body** : Trogamit or polisulphone, Glass tube  
**Measurement Range** : 0.1 lt/h ... 60 m<sup>3</sup>/hours  
**Indicator** : It indicates instant flow  
**Switch Output** : Switch output or 4-20 mA  
**Fluid Types** : Water, Air, Alkalis, Gases



### Flowmeter Mechanical Indicator

- Body** : Stainless Steel, AISI 316  
**Measurement Range** : 0.1 l/h ... 1000 m<sup>3</sup>/hour  
**Connection** : DN 15 ... DN150 (1/4"-1/2", 3/4")  
**Output** : Instant Flow, Analog Signal Output 4-20 mA  
 Switch Output, Totalizer.  
**Fluid Types** : Water, Air, Gaslar



### Electro - Magnetic Flowmeters / Ultrasonic Flowmeters

- Body** : PP, PTFE, PVDF, Hard rubber covered  
**Measurement Range** : 5-200 Lt/hour ... 150-7000 m<sup>3</sup>/hour  
**Connection** : DN3 ... DN500 Wafer, Flanged, Screwed,  
 Clamp Type  
**Output** : Instant Flow Rate, Total Flow Rate, 4-20 mA or  
 Pulse Output  
**Fluid Types** : Conductor Liquid Types (viscosity and  
 independent from concentration)



**Screwed Flowmeters with Turbine / Variable area Flowmeters**

- Body** : Brass, Stainless Steel, PPS, PVDF, Acrylics
- Measurement Range** : 0.02 lt/min. ... 150 lt/min.
- Digital Indicator** : Instant Flow and Optional Switch Output + Digital Indicator 4-20 mA Output
- Fluid Types** : Water, Air, Oil, Alkalis, Fluid with High Viscosity, High Pressure (PN 300 max.)



**Flowswitches / Flow Adjustable Flowswitches**

**Paddle Type, Piston Type Flowswitch**

- Body** : Brass, Stainless Steel or Plastic
- Measurement Range** : (1/8" ... 1") or DN15 ... DN200
- Temperature** : max. 125 °C, 350 °C (on request)
- Switch** : Reed switch, one switch two ways or type with indicator. Ex-proof models
- Mounting** : Mounting opportunities
- Application** : Fluid Types, Air, Water, Oil, Asit etc.



**Level Switch with Float**

- Body** : Brass, PP, Stainless Steel
- Switch** : Normally Open (N.O.)  
Normally Closed (N.C.)
- Connection** : 1/2", 3/4", 1"
- Temperature** : -25 ... 105 °C, 180 °C, 300 °C
- Ex-proof models exist.**
- Application** : Liquid, Burnable, Explosive Atmosphere (Ex-proof atmosphere)



### Level Switch with Rotary Paddle / Level Switch with Diaphragm / Level Switch for Solid and Vibrating System

<b>Body</b>	: Plastic, Aluminium, Stainless Steel
<b>Switch</b>	: Normally Open (N.O.) Normally Closed (N.C.)
<b>Connection</b>	: 1/2", 3/4", 1"
<b>Temperature</b>	: -20 ... 80°C, 115°C
<b>Application</b>	: Fluid with Particles; (Wheat, Rice, Cement, Ceramic, Coal) Liquids; (LD60, LD 61 Types)



### Level Switch with Float

<b>Body</b>	: PVC, Stainless Steel, PTFE
<b>Measurement Range</b>	: 0.5 ... 96 meters and insertion types to 250 mt.
<b>Connection</b>	: Screwed, Flanged
<b>Pressure</b>	: PN 16 (Optional 320 bar)
<b>Output</b>	: Switch and signal 4-20 mA
<b>Ex-proof models exist.</b>	
<b>Application</b>	: Liquids, Ex-proof Atmospheres, Storage, Deep Wells.



### Ultrasonic Level Switch / Level Measurement with Smart Transmitter

<b>Type</b>	: PVC, Stainless Steel, PTFE
<b>Measurement Range</b>	: 1.5 ... 6 meters
<b>Sensitivity</b>	: 3%
<b>Temperature</b>	: 0 ... 60°C
<b>Output</b>	: 4-20 mA max. Switch and instant level monitoring
<b>Supply</b>	: 24 V DC / 220 V AC
<b>Application</b>	: Solid, Liquid, Chemical Fluid Type, Cabled level switches are used in liquid and fluid which contains solid particles in it. Special hygienic model exists for ex-proof atmosphere and potable water types.





**VISVALVE**  
[www.visvana.com](http://www.visvana.com)





VIS VALVE, established in Istanbul 1983, is one of the biggest valve manufacturer in Turkey. VIS VALVE produces a wide variety of industrial use and commercial valves made of cast iron, ductile iron, cast steel, stainless steel, bronze, brass...VIS VALVE is also qualified on special valves.

The main aim of VIS VALVE is to be the leader in production of valves and to satisfy customers with specific needs in the way of High Quality. To reach these aims, VIS VALVE has widened its product range, maintained and improved product quality.

To provide product quality, VIS VALVE keeps improving its production systems. Moreover, VIS VALVE has been a member of ISO 9001:2000 Quality Management since 2003 and VIS VALVE has also CE Certificate and Turkish Standart Institutions Certificates.

With these strategies, VIS VALVE continues to develop and improves its reputation for performance and reliability of all its products manufactured in Turkey.



# Products





#### METAL SEATED GATE VALVE



Standart: TS EN 1171 (DIN 3204)  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN6  
 Size: DN40-DN150  
 Body Material: GG25

#### METAL SEATED GATE VALVE



Standart: TS EN 1171 (DIN 3216)  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN40-DN1200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10  
 Al-Bronze  
 Options: i) Relief Plug  
 ii) Gearbox  
 iii) Electrical Actuator  
 iv) Pneumatic Actuator  
 v) Hydraulic Actuator

#### METAL SEATED GATE VALVE



Standart: TS EN 1171 (DIN 3225)  
 F to F: EN 558 Serie 15 (DIN3202 F5)  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN40-DN1200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10  
 Al-Bronze  
 Options: i) Relief Plug  
 ii) Gearbox  
 iii) Electrical Actuator  
 iv) Pneumatic Actuator  
 v) Hydraulic Actuator

#### VALVE OPERATION TYPES

- 1 - Manuel
- 2 - Gearbox
- 3 - Electrical Multi-Turn Actuators
- 4 - Pneumatic Actuator
- 5 - Chain



#### GATE VALVE



Standart: TS EN 1171 (DIN 3225)  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN40-DN1200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10  
 Al-Bronze  
 Options: i) Relief Plug  
 ii) Gearbox  
 iii) Electrical Actuator  
 iv) Pneumatic Actuator  
 v) Hydraulic Actuator

#### RESILIENT GATE VALVE



Standart: TS EN 1171 (DIN 3216)  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN10-PN16-PN25  
 Size: DN40-DN300  
 Body Material: GG25,GGG40,GGG40.3  
 Bronze RG5, RG10, Al-Bronze  
 Options: i) Gearbox  
 ii) Electrical Actuator  
 iii) Pneumatic Actuator  
 iv) Hydraulic Actuator

#### RESILIENT GATE VALVE



Standart: TS EN 1171 (DIN 3225)  
 F to F: EN 558 Serie 15 (DIN3202 F5)  
 Pressure: PN10-PN16-PN25  
 Size: DN40-DN300  
 Body Material: GG25,GGG40,GGG40.3  
 Bronze RG5, RG10, Al-Bronze  
 Options: i) Gearbox  
 ii) Electrical Actuator  
 iii) Pneumatic Actuator  
 iv) Hydraulic Actuator

#### SURFACE BOX & EXTENSION SHAFT



- i) Applicable for any of valve type.
- ii) Extension shaft can be manufactured for any size.



#### RIISING STEM METAL SEATED GATE VALVE



Standart: TS EN 1171 (DIN 3216)  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN40-DN1200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10  
 Al-Bronze  
 Options: i) Relief Plug  
 ii) Gearbox  
 iii) Electrical Actuator  
 iv) Pneumatic Actuator  
 v) Hydraulic Actuator

#### RIISING STEM METAL SEATED GATE VALVE



Standart: TS EN 1171 (DIN 3225)  
 F to F: EN 558 Serie 15 (DIN3202 F5)  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN40-DN1200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10  
 Al-Bronze  
 Options: i) Relief Plug  
 ii) Gearbox  
 iii) Electrical Actuator  
 iv) Pneumatic Actuator  
 v) Hydraulic Actuator

#### WATER TYPE KNIFE GATE VALVE



F to F: ???  
 Pressure: PN10-PN16  
 Size: DN40-DN1200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10  
 Al-Bronze  
 Options: i) Relief Plug  
 ii) Gearbox  
 iii) Electrical Actuator  
 iv) Pneumatic Actuator  
 v) Hydraulic Actuator  
 vi) Chain

#### FLANGE ADAPTORU



Pressure: PN10-PN16  
 Size: DN100-DN1000  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Flange Standart: ISO7005/2, EN1092/2, BS, ANSI, JIS



#### LOG TYPE KNIFE GATE VALVE



F to F: ???  
 Pressure: PN10-PN16  
 Size: DN40-DN1200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10  
 Al-Bronze  
 Options: i) Relief Plug  
 ii) Gearbox  
 iii) Electrical Actuator  
 iv) Pneumatic Actuator  
 v) Hydraulic Actuator  
 vi) Chain

#### DOUBLE AIR RELEASE VALVE (DOUBLE OR TRIPLE FUNCTIONS)



Pressure: PN16-PN25  
 Size: DN40-DN250  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Flange Standart: ISO7005/2, EN1092/2, BS, ANSI, JIS

#### DARBSIZ DYNAMIK VANTUZ



Pressure: PN16-PN25-PN40  
 Size: DN40-DN300  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Flange Standart: ISO7005/2, EN1092/2, BS, ANSI, JIS

#### TEK KORELU VANTUZ (FLANSLI VE DIŞI BAĞLANTILI)



Pressure: PN16-PN25  
 Size: DN40-DN200  
 Body Material: GG25,GGG40,GGG40.3  
 GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Flange Standart: ISO7005/2, EN1092/2, BS, ANSI, JIS



### WATER TYPE BUTTERFLY VALVE



Standard: TS EN 593  
 F to F: EN 558-1 Serie 20  
 Pressure: PN10-PN16  
 Size: DN32-DN1000  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Electric Actuator  
 ii) Pneumatic Actuator  
 iii) Hydraulic Actuator  
 iv) Halar, PTFE, Rilsan Coating

### LUG TYPE BUTTERFLY VALVE



Standard: TS EN 593  
 F to F: EN 558-1 Serie 20  
 Pressure: PN10-PN16  
 Size: DN32-DN1000  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Electric Actuator  
 ii) Pneumatic Actuator  
 iii) Hydraulic Actuator  
 iv) Halar, PTFE, Rilsan Coating

### HIGH PERFORMANCE BUTTERFLY VALVE



Connection: Wafer, Lug or Flanged  
 Pressure: PN16-PN25-PN40  
 Size: DN50-DN500  
 Body Material: 304, 316, özel alaşımli paslanmaz çelikler  
 Options: i) Gearbox  
 ii) Electric Actuator  
 iii) Pneumatic Actuator

### DISMANTLING JOINTS



Pressure: PN16-PN25-PN40  
 Size: DN100-DN2500  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Flange Standard: ISO7005/2, EN10922, BS, ANSI, JIS



### DOUBLE FLANGED BUTTERFLY VALVE



Standard: TS EN 593  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN16-25-40  
 Size: DN100-DN2000  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Electric Actuator  
 ii) Pneumatic Actuator  
 iii) Hydraulic Actuator  
 iv) Halar, PTFE, Rilsan Coating

### DOUBLE FLANGED U-TYPE BUTTERFLY VALVE



F to F: EN 558-1 Serie 20  
 Pressure: PN10-PN16-PN25  
 Size: DN40-DN1000  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Electric Actuator  
 ii) Pneumatic Actuator  
 iii) Hydraulic Actuator  
 iv) Halar, PTFE, Rilsan Coating

### TILTING TYPE CHECK VALVE



Standard: TS EN 593  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN16-PN25-PN40  
 Size: DN100-DN2000  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Hydraulic Operation  
 ii) Halar, PTFE, Rilsan Coating

### SWING CHECK VALVE



Standard: TS 10873  
 Design: DIN3232  
 F to F: EN 558 Serie 48 (DIN3202 F6)  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN40-DN1000  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Counter Weight  
 ii) Hydraulic Damper  
 iii) Level Indicator  
 iv) By-Pass



### SILENT CHECK VALVE



Standard: TS 10873  
 Design: DIN 86253  
 F to F: EN 558 Serie 1 (DIN3202 F1)  
 Pressure: PN10-PN16-PN25-PN40-PN64  
 Size: DN10-DN600  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) without spring  
 ii) with Regulation Disc (Flow rate regulator)

### SDNR CHECK VALVE



Design: DIN 86252  
 F to F: EN 558 Serie 1 (DIN3202 F1)  
 Pressure: PN10-PN16-PN25-PN40-PN64  
 Size: DN15-DN600  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Level Indicator  
 ii) Spring  
 iii) with Regulation Disc (Flow rate regulator)  
 iv) By-Pass

### BALL CHECK VALVE



Design: Flanged&Threaded Connection  
 Pressure: PN10-PN16  
 Size: Gear DN15-DN50  
 Flanged DN40-DN350  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze

### NOZZLE CHECK VALVE



F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN16-PN25-PN40  
 Size: DN50-DN500  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze



### WAFER CHECK VALVE



Pressure: PN16-PN25-PN40  
 Size: DN15-DN600  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) with spring

### DOUBLE DISK CHECK VALVE



Pressure: PN16-PN25-PN40  
 Size: DN50-DN600  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) ???  
 ii) ???

### DISKO CHECK VALVE



Pressure: PN16-PN25-PN40  
 Size: DN15-DN600  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze

### SHORT TYPE TILTING CHECK VALVE



Pressure: PN16-PN25-PN40  
 Size: DN15-DN600  
 Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze

### GLOBE VALVE - STRAIGHT TYPE



Design: Stop-DIN86251,SDNR-DIN86252  
 F to F: EN 558 Serie 1 (DIN3202 F1)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN600  
 Body&Disc Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Level Indicator  
 ii) Spring  
 iii) with Regulation Disc (Flow rate regulator)  
 iv) By-Pass (internal)  
 v) PTFE(Teflon) seat



### GLOBE VALVE - ANGLE TYPE



Design: Stop-DIN86251,SDNR-DIN86252  
 F to F: EN 558 Serie 8 (DIN3202 F32)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN600  
 Body&Disc Material: GG25, GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Level Indicator  
 ii) Spring  
 iii) with Regulation Disc (Flow rate regulator)  
 iv) By-Pass (internal)  
 v) PTFE(Teflon) seat

### BELLOW SEAL GLOBE VALVE STRAIGHT TYPE



F to F: EN 558 Serie 1 (DIN3202 F1)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN200  
 Body&Disc Material: GG25, GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Level Indicator  
 ii) Spring  
 iii) with Regulation Disc (Flow rate regulator)  
 iv) By-Pass (internal)  
 v) PTFE(Teflon) seat

### BELLOW SEAL GLOBE VALVE ANGLE TYPE



F to F: EN 558 Serie 8 (DIN3202 F32)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN200  
 Body&Disc Material: GG25, GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Level Indicator  
 ii) Spring  
 iii) with Regulation Disc (Flow rate regulator)  
 iv) By-Pass (internal)  
 v) PTFE(Teflon) seat

### SAFETY VALVE - FULL LIFT



Design: Yayli / Ağırlıklı  
 F to F: EN 558 Serie 8 (DIN3202 F32)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN300  
 Body&Disc Material: GG25, GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Stainless Steel Nozzle



### SAFETY VALVE PROPORTIONAL LIFT



Design: Yaylı / Ağırlıklı  
 F to F: EN 558 Serie 8 (DIN3202 F32)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN300  
 Body&Disc Material: GG25, GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Stainless Steel Nozzle

### FLANSLI TERS KOVALI KONDENSTÖP

Pressure: PN16  
 Size: DN15-DN50

### INVERTED BUCKET STEAM TRAP (THREADED)



Pressure: PN16  
 Size: DN15-DN50

### INVERTED BUCKET STEAM TRAP (FLANGE DOWN, ODF/FLG UP)



Pressure: PN16  
 Size: DN15-DN50

### FLOAT INVERTED BUCKET STEAM TRAP



Pressure:  
 Size:

### THERMOSTATIC INVERTED BUCKET STEAM TRAP



Pressure:  
 Size:

### THERMODYNAMIC INVERTED BUCKET STEAM TRAP



Pressure:  
 Size:



### THREADED END GLOBE VALVE



Design: DIN 2999  
 F to F: DIN 3202 M9  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN15-DN50 (1/2"-2")  
 Body Material: GG25,GGG40,GGG40.3 GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) with Regulation Disc  
 ii) SDNR Disc

### THREADED END GLOBE VALVE



Design: DIN 2999  
 F to F: DIN 3202 M9  
 Pressure: PN10-PN16-PN25-PN40  
 Size: DN15-DN50 (1/2"-2")  
 Body Material: GG25,GGG40,GGG40.3 GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze

### BOILER PLUG VALVE



Pressure: PN40  
 Size: DN40-DN50

### MANOMETER TAP



Pressure: PN40  
 Size: DN15-DN25

### NEEDLE VALVE



Pressure: PN16-PN320  
 Size: DN15-DN50 (1/2"-2")

### Y-TYPE GLOBE VALVE



Design: Stop-DIN86251,SDNR-DIN86252  
 F to F: EN 558 Serie 1 (DIN3202 F1)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN600  
 Body Material: GG25,GGG40,GGG40.3 GSC25, 304, 316, Bronze RG5, RG10 Al-Bronze  
 Options: i) Level Indicator  
 ii) Spring  
 iii) with regulation disc(flow rate regulator)  
 iv) By-Pass  
 v) PTFE(Teflon) seat



### Y-TYPE SILENT CHECK VALVE



F to F: EN 558 Serie 1 (DIN3202 F1)  
 Pressure: PN10-16-25-40-64  
 Size: DN15-DN300  
 Body Material: GG25,GGG40,GGG40.3 GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) without spring  
 ii) with Regulation Disc (Flow rate regulator)

### 2 Pcs. BALL VALVE



Design: TS3148 / DIN 3357  
 F to F: EN 558 Serie 14 (DIN3202 F4)  
 Pressure: PN10-16-25-40  
 Size: DN32-DN200  
 Body&Disc Material: GG25,GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Gearbox  
 ii) Electric Actuator  
 iii) Pneumatic Actuator  
 iv) Hydraulic Actuator

### 3 Pcs. BALL VALVE (FULL/REDUCE BORE)



Design: TS3148 / DIN 3357  
 F to F: EN 558 Serie 27  
 Pressure: PN10-16-25-40  
 Size: DN15-DN300  
 Body&Disc Material: GG25,GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Gearbox  
 ii) Electric Actuator  
 iii) Pneumatic Actuator  
 iv) Hydraulic Actuator

### 3 Pcs. BALL VALVE (THREADED END) (FULL/REDUCE BORE)



Design: TS3148 / DIN 2999  
 F to F: ???  
 Pressure: PN10-16-25-40  
 Size: DN15-DN50 (1/2"-2")  
 Body&Disc Material: GG25, GGG40, GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze  
 Options: i) Electric Actuator  
 ii) Pneumatic Actuator

 <p><b>FLOAT VALVE - STRAIGHT TYPE</b></p> <p>F to F: EN 558 Serie 1 (DIN3202 F1)          Pressure: PN10-PN16          Size: DN15-DN400          Body&amp;Disc: GG25, GGG40, GGG40.3, GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Option: i) Bronze Float          ii) Stainless Steel Float</p>	 <p><b>Y-TYPE STRAINER</b></p> <p>Standart: TS 11494          Design: DIN 2999          Pressure: PN10-16-25-40-64          Size: DN15-DN50 (1/2"-2")          Body Material: GG25,GGG40,GGG40.3          GSC25, 304, 316, Piring, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length</p>	 <p><b>FOOT VALVE</b></p> <p>Pressure: PN10-16-25-40-64          Size: DN50-DN500          Body Material: GG25,GGG40,GGG40.3          GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length</p>	 <p><b>IRRIGATION HYDRANT - A-TYPE</b></p> <p>Design: Short Type, Long Type          Outlet Quantity: 1-4 Çıkışlı          Pressure: PN16          Inlet Flange: DN100          Outlet Type: 65mm Dışlı          Body Material: GG25,GGG40          Options: i) Counter          ii) Different inlet and outlet types</p>
 <p><b>FLOAT VALVE - ANGLE TYPE</b></p> <p>F to F: EN 558 Serie 8 (DIN3202 F32)          Pressure: PN10-16-25-40-64          Pressure: PN10-PN16          Body&amp;Disc: GG25, GGG40, GGG40.3, GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Option: i) Bronze Float          ii) Stainless Steel Float</p>	 <p><b>T-TYPE STRAINER</b></p> <p>Standart: TS 11494          F to F: EN 558 Serie 1 (DIN3202 F1)          Pressure: PN10-16-25-40-64          Size: DN15-DN600          Body Material: GG25,GGG40,GGG40.3          GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length          ii) Plug to bonnet or ball valve assembly</p>	 <p><b>FUEL STRAINER</b></p> <p>Pressure: PN10-PN16-PN25-PN40          Body Material: GG25,GGG40,GGG40.3          GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length</p>	 <p><b>IRRIGATION HYDRANT - D-TYPE</b></p> <p>Design: Short Type, Long Type          Outlet Quantity: 1-2 Çıkışlı          Pressure: PN16          Inlet Flange: DN100          Outlet Type: Flanşlı DN100 - DN150 / Dış          Body Material: GG25,GGG40          Options: i) Different inlet and outlet types</p>
 <p><b>PRESSURE RELIEF VALVE</b></p> <p>F to F: EN 558 Serie 8 (DIN3202 F32)          Pressure: PN10-16-25-40          Pressure: PN10-16          Body Material: GGG40,GGG40.3,GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze</p>	 <p><b>T-TYPE STRAINER</b></p> <p>Standart: TS 11494          Design: DIN 2999          Pressure: PN10-16-25-40-64          Size: DN15-DN50 (1/2"-2")          Body Material: GG25,GGG40,GGG40.3          GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length</p>	 <p><b>OVERGROUND FIRE HYDRANT</b></p> <p>Standart: TS EN 14384          Boyutlar: DIN EN 14384          Pressure: PN16          Size: DN80-DN100          Body Material: GG25          Hydrant i) 1435mm          Length ii) 1750mm          iii) 2150mm          iv) 2400mm</p>	 <p><b>IRRIGATION HYDRANT - B-TYPE</b></p> <p>Design: Short Type, Long Type          Outlet Quantity: 1-2 Çıkışlı          Pressure: PN16          Inlet Flange: DN100          Outlet Type: 65mm Dışlı          Body Material: GG25,GGG40          Options: i) Counter</p>
 <p><b>Y-TYPE STRAINER</b></p> <p>Standart: TS 11494          F to F: EN 558 Serie 1 (DIN3202 F1)          Pressure: PN10-16-25-40-64          Size: DN15-DN600          Body Material: GG25,GGG40,GGG40.3          GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length          ii) Plug to bonnet or ball valve assembly</p>	 <p><b>FOOT VALVE</b></p> <p>Pressure: PN10-16-25-40-64          Size: DN50-DN500          Body Material: GG25,GGG40,GGG40.3          GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length</p>	 <p><b>UNDERGROUND FIRE HYDRANT</b></p> <p>Standart: TS EN 14384          Boyutlar: DIN EN 14384          Pressure: PN16          Size: DN80-DN100          Body Material: GG25          Hydrant Length: i) 1435mm</p>	 <p><b>IRRIGATION HYDRANT - C-TYPE</b></p> <p>Design: Short Type, Long Type          Outlet Quantity: 1-2 Çıkışlı          Pressure: PN16          Inlet Flange: DN100          Outlet Type: Flanşlı DN100 / Dışlı          Body Material: GG25,GGG40          Options: i) Different inlet and outlet types</p>
 <p><b>STRAINER BASKET</b></p> <p>Pressure: PN10-16-25-40-64          Body Material: GG25,GGG40,GGG40.3, GSC25, 304, 316, Bronze RG5, RG10, Al-Bronze          Options: i) Special filter material and filter hole length</p>	 <p><b>90° ELBOW</b></p> <p>Standart: TS 14          Pressure: PN16          Size: DN80-DN100-DN150          Body Material: GG25</p>	 <p><b>BOJLER</b></p> <p>Standart: ??          Pressure: PN16          Size: DN80-DN100-DN150          Body Material: GG25</p>	

# Approved Quality

VIS Valve, manufactures world class valve by following the new technologies.

The products accepted by national and international quality registered organizations are our assurance.

The main task of each worker of VIS Valve is to serve the quality with new technology.





قطر تستحق الأفضل  
Qatar Deserves The Best

13/10/2020 1:06:22 PM  
  
2020/0026106/5

PWA.VPC.M37.401

**Subject: Pre-qualification Result for VIS Vana Dokum Sanayi A.S. as an Approved Manufacturer of Butterfly Valves, Air Valves and Gate Valves/NRV with its factory located in Turkey for use on ASHGHAL Drainage Projects**

Dear Sir,

The Vendors Prequalification Committee (VPC) refers to the application submitted with PWA Reference 2019/0053359/1, 2019/0053361/1 and 2019/0057971/1 and your request to include VIS Vana Dokum Sanayi A.S. as an Ashghal approved manufacturer for Butterfly Valves, Air Valves and Gate Valves/NRV. Following our general evaluation process, the Committee has decided to approve the concerned material to be used for Ashghal Drainage future projects. The committee's approval is valid for a period of three (3) years from the date of this letter, and it will be subjected to the Authority's review at any time throughout this period. It is the Vendor's responsibility to apply for the renewal three (3) months prior to the expiry date, otherwise he will be removed from the authority vendor list.

The quality and performance of VIS Vana Dokum Sanayi A.S. as an Approved Manufacturer shall be closely monitored by the Authority at all times to ensure that the required standards are maintained. If it is found by the Authority at any time that the quality and performance is failing to meet the expected standards, then the committee reserves the right to withdraw their Approval. It is also the company's responsibility to ensure full compliance of the requirements of the latest version of Qatar Construction Specifications (QCS) as well as the relevant project specification requirements of any particular project. This approval shall not be interpreted as a guarantee for providing materials or services for any ASHGHAL projects and the Authority shall not be held responsible nor accept any liability for Manufacturer / Supplier / Subcontractor losses, expenses, damages to reputation or any other damages whatsoever arising out of or in relation to taking part in the authority prequalification procedure.

Best Regards,

**Mohamed Ehab Samir Mustafa**  
**Vendors Prequalification Committee**  
**Rapporteur**