



VISION ENGINEERS

COMPANY PROFILE

INDUSTRIAL VALVES
MANUFACTURER

WWW.VISIONVALVES.COM
020-65202300



<p>PNEUMATIC ROTARY VALVES</p>	<p>2 WAY, 3 WAY & 4 WAY BALL VALVE SPHERICAL DISC VALVE WAFER TYPE & DOUBLE FLANGE BUTTERFLY VALVE</p>
<p>PNEUMATIC LINEAR VALVES</p>	<p>2WAY & 3 WAY THERMIC FLUID CONTROL VALVE ANGLE TYPE CONTROL VALVE MIXING DIVERTING CONTROL VALVE KNIFE EDGE GATE VALVE PINCH VALVE</p>
<p>ELECTRICAL/ MOTORISED ROTARY VALVES</p>	<p>2 WAY, 3 WAY & 4 WAY BALL VALVE SPHERICAL DISC VALVE WAFER TYPE & DOUBLE FLANGE BUTTERFLY VALVE</p>
<p>ELECTRICAL/ MOTORISED LINEAR VALVES</p>	<p>2 WAY & 3 WAY THERMIC FLUID CONTROL VALVE ANGLE TYPE CONTROL VALVE MIXING DIVERTING CONTROL VALVE KNIFE EDGE GATE VALVE PINCH VALVE</p>
<p>SOLENOID VALVES</p>	<p>PULSE JET VALVE / DUST COLLECTOR DIAPHRAGM SOLENOID VALVE LOW PRESSURE SOLENOID VALVE HIGH PRESSURE SOLENOID VALVE STEAM SOLENOID VALVE TIMER OPERATED AUTO DRAIN VALVE TIMER OPERATED SOLENOID VALVE</p>



<p>HEAVY DUTY PNEUMATIC CYLINDER</p>	<p>REGULAR CYLINDER DOUBLE ENDED CYLINDER POWER CYLINDER SPECIAL CYLINDER</p>
<p>MANUAL VALVES</p>	<p>PRESSURE REDUCING VALVE HIGH PRESSURE NRV DISC CHECK VALVE PN40 WAFFER TYPE CHECK VALVE ROTO SEAL COUPLING 2WAY, 3WAY & 4WAY BALL VALVE SPHERICAL DISC VALVE WAFFER TYPE & DOUBLE FLANGE BUTTERFLY VALVE THERMIC FLUID CONTROL VALVE ANGLE TYPE CONTROL VALVE MIXING DIVERTING CONTROL VALVE KNIFE EDGE GATE VALVE PINCH VALVE</p>
<p>PNEUMATIC ACCESSORIES</p>	<p>NAMUR SOLENOID VALVE MICRO LIMIT SWITCH PNEUMATIC POSITIONER AIR FILTER REGULATOR & LUBRICATOR MOISTURE SEPARATORS OIL REMOVER FILTER AIR FILTER REGULATOR PNEUMATIC FITTINGS PU PIPES ALL SIZES</p>



We Supply:

- Valve Manually Operated, Pneumatically Operated & Electrically Operated
- Rotary & Linear Operation in Pneumatic & Electrical Actuator Operated Valves
- Modulating Valves 4 ~ 20 amp in Pneumatic & Electrical Operation
- Valves for application like Air, Water, Oil, Gas, Steam, Chemical & Vacuum
- Valve for pressure up to 250 Kg/Cm² & for temperature up to 600 °C
- Valves in Screwed, Socket Weld, Triclover, flange 150#-300#-600#-800#-1500#














End Connection

- Pneumatic Heavy Duty Cylinder BORE size up to 500mm & STROKE length up to 3000mm
- Valves for special purpose machine & critical application
- Valves in MOC like Cast Iron, Cast Steel, CF8, CF8M, CF3M, FORGED STEEL and any metal for special application.
- Valves in Nitrile, EPDM, TEFLON, GFT & Metal to Metal Seats
- Complete range of Pneumatic Accessories & Fittings
- Complete solution for pneumatic & electrical solution including programming



<p style="writing-mode: vertical-rl; transform: rotate(180deg);">PNEUMATIC ROTARY VALVES</p>	<p style="text-align: center;">2 Way Ball Valve</p> <p style="text-align: center;">3 Way & 4 Way Ball Valve</p> <p style="text-align: center;">Spherical Disc Valve</p> <p style="text-align: center;">Butterfly Valve</p> <p style="text-align: center;">Double Flange Butterfly Valve</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">PNEUMATIC LINEAR VALVES</p>	<p style="text-align: center;">2 Way & 3 Way Thermic Fluid Control Valve</p> <p style="text-align: center;">Angle Type Control Valve</p> <p style="text-align: center;">Mixing Diverting Control Valve</p> <p style="text-align: center;">Knife Edge Gate Valve</p> <p style="text-align: center;">Pinch Valve</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">ELECTRICAL / MOTORISED ROTARY VALVES</p>	<p style="text-align: center;">2 Way Ball Valve</p> <p style="text-align: center;">3 Way & 4 Way Ball Valve</p> <p style="text-align: center;">Butterfly Valve</p> <p style="text-align: center;">Spherical Disc Valve</p> <p style="text-align: center;">Double Flange Butterfly Valve</p>



<p style="writing-mode: vertical-rl; transform: rotate(180deg);">ELECTRICAL / MOTORISED LINEAR VALVES</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>2 Way & 3 Way Thermic Fluid Control Valve</p> </div> <div style="text-align: center;">  <p>Knife Edge Gate Valve</p> </div> <div style="text-align: center;">  <p>Pinch Valve</p> </div> </div>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">SOLENOID VALVES</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Pulse Jet Valve / Dust Collector</p> </div> <div style="text-align: center;">  <p>Diaphragm Solenoid Valve</p> </div> <div style="text-align: center;">  <p>Low Pressure Solenoid Valve</p> </div> <div style="text-align: center;">  <p>High Pressure Solenoid Valve</p> </div> <div style="text-align: center;">  <p>Timer Operated Auto Drain Valve</p> </div> </div>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">HEAVY DUTY PNEUMATIC CYLINDERS</p>	<div style="display: flex; flex-wrap: wrap; justify-content: space-around; align-items: center;"> <div style="text-align: center; width: 30%;">  <p>Regular Cylinder</p> </div> <div style="text-align: center; width: 30%;">  <p>BSH Cylinder</p> </div> <div style="text-align: center; width: 30%;">  <p>Double Ended Cylinder</p> </div> <div style="text-align: center; width: 30%;">  <p>SM Cylinder</p> </div> <div style="text-align: center; width: 30%;">  <p>Power Cylinder</p> </div> </div>



MANUAL VALVES



Pressure Reducing Valve



High Pressure NRV



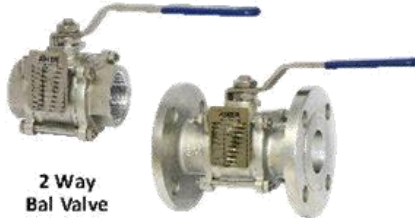
Disc Check Valve



Roto Seal Coupling



Wafer Type Check Valve



2 Way Bal Valve



Butterfly Valve



3 Way & 4 Way Bal Valve



Spherical Disc Valve



Pinch Valve



Knife Edge Gate Valve



Double Flange Butterfly Valve



PNEUMATIC ACCESSORIES



Namur Solenoid Valve



Micro Limit Switch



Pneumatic Positioner



Air Filter Regulator & Lubricator



Moisture Separators



Air Filter Regulator



Oil Remover Filter



Pneumatic Fittings



PU Pipes All Size



"VISION" is well equipped with testing facilities to thoroughly check product suitability to the design & performance requirement. Major facilities are in-house and we outsource special tests.

VALVE AUTOMATION:

Routine Pneumatic Actuator Test

- Leakage Test
- Operating Test
- Min. Operating Pressure

Type Test

- Torque out Put Test
- Cycle Test
- Response Time Test

Special Test

- Radiation & LOCAL Qualifications
- Helium Leak Detection Test
- Vibration Test
- Seismic Qualification as per IEEE 323, 344 & 383

Valve Automation Systems

- Seat Leak Test
- Pneumatic Operating Pressure Test with Valve on Hydro Pressure
- 4 to 20 Operation & Feedback testing
- 2 No + 2 NC Feedback & Report test

Testing Arrangements

- Hydro Testing Bench – 2 Nos.
- Pneumatic Testing Bench – 3 No.
- Hydro Pneumatic Testing Bench – 1 No.
- Feedback Reporting Test Bench – 1 No.
- Coil Testing – 1 No.

**RAW MATERIAL:**

We procure all raw material from our approved vendors. In the manufacturing process we require steel casting of various grades, stainless steel round bars, stainless steel pipes, forging, hardware, gaskets, paint & packing material.

QUALITY ASSURANCE:

All raw materials are checked by our internal quality assurance department prior to infusion into the manufacturing process. Only approved material is sent for electro plating and then maintained in store.

MACHINING:

The raw material is issued to the machine shop as per schedule from administration. Machined valve parts are examined as per machining drawing from design department. Machining is done on CNC & lathes and drilling is done on drilling machine with the help of jigs fixtures for uniformity and interchangeability.

ASSEMBLY & IN PROCESS TESTING:

Hydrostatic test is done on valve body dimensionally and visually approved components and then all approved material is sent to fitting / assembling unit. Valve assembly is done, duly handled with care so that there are no scratches on the machining surface and again are sent for hydro – pneumatic leakage test with theory of zero tolerance.

FINISHING / PAINTING:

On cast steel products, one coat of corrosion resistant primer (red oxide) is sprayed and if any uneven surface is observed a high temperature putty is used, after which selected colours for different type of valves are sprayed twice for superior surface look.

FINAL INSPECTION:

Final inspection is done by our Quality Assurance Department whose responsibility now is to co-relate and check all records relating to the valve concerned.

PACKING:

In packing department all the valves are covered with polythene bags air bubbles and placed into wooden case, with a bed of paper waste for non-damage of valves.

DISPATCH:

Dispatch department checks all the details mentioned in the packing note, invoice and purchase order and send parcel to the transport.



**BANK DETAILS
OF
VISION ENGINEERS**

A/C NO.9412431891

**IFSC CODE.KKBBK0000725
KOTAK MAHINDRA BANK
CHINCHWAD BRANCH**

GST NO : 27AANFV5005F1Z5

PAN NO : AANFV5005F

ADDRESS

**SWAPNANAGRI , SHOP NO 104, OPP ANNA
MAGAR STADIUM NEHRU NAGAR
PIMPRI PUNE - 411018**

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PLANT

- 1) COVERED AREA – 800 SQUARE YARD
- 2) UNCOVERED AREA – 350 SQUARE YARD
- 3) CONNECTED LOAD – 45 K.W

LIST OF MACHINERY

A) CNC

- 1) ACE MICROMATIC - MODELSUPER JOBBER LM 500 TURNING CENTER – 1 No. (FANUC OITD MATE)
- 2) ACE MICROMATIC - MODELSUPER JOBBER LT20 C TURNING CENTER – 1 No. (FANUC OITD MATE)
- 3) PRIDE MACHINE TOOLS – MODEL DHANUS-12 TURNING CENTRE – 1 No. (FANUC OITF)
- 4) PRIDE MACHINE TOOLS – MODEL PARAM-350 TURNING CENTRE – 1 No. (FANUC OITF)

B) LATHE TURNING MACHINES

- 1) 18" HEIGHT CENTER LATHE (HEAVY DUTY) – 1 No.
- 2) 15" HEIGHT CENTER LATHE (HEAVY DUTY) – 1 No.
- 3) 10" HEIGHT CENTER LATHE (HEAVY DUTY) – 1 No.
- 4) 8" HEIGHT CENTER LATHE (HEAVY DUTY) – 3 No.
- 5) 4" HEIGHT CENTER LATHE (HEAVY DUTY) – 6 No.

C) DRILL MACHINES

- 1) RADIAL DRILL MACHINE – 1" – 1 No.
- 2) DRILL MACHINE – ¾" - 2 Nos.
- 3) DRILL MACHINE – 1" - 2 Nos.
- 4) DRILL MACHINE – 1 1/2" - 1 No.

D) OTHER MACHINES

- 1) ELECTRIC WELDING MACHINE
- 2) ARGON WELDING MACHINE (TOSHIBA INVERTER 01 SET WELDING MACHINE)
- 3) AIR COMPRESSORS – 3 Nos.

E) TESTING ARRANGEMENTS

- 1) HYDRO TESTING BENCH – 1 No.
- 2) PNEUMATIC TESTING BENCH – 3 No.
- 3) HYDRO PNEUMATIC TESTING UNIT – 1 No.
- 4) ELECTRICAL TESTING UNIT – 1 No.