



AUTOMATION EXCELLENCE



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SIL 3 IEC 61508



ATEX 94/9/EC



MICROFINISH

Pumps • Valves • Automation



# Microfinish group



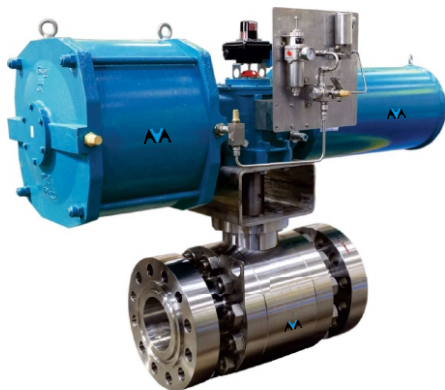
Microfinish since inception in the year 1971 has grown into a diversified group comprising, besides the flagship company Microfinish Valves Pvt Ltd, two JVs with Flowserve Corporation, USA and a unit manufacturing ANSI chemical pumps under the brand Microfinish Durco, all located in Hubballi. Microfinish Valves is now recognised globally as a reliable partner for ball valves and speciality valves, in addition to being amongst the largest in India.

## Automation systems

Since most customers prefer the valve manufacturer to assume single point responsibility MVPL has also developed expertise and experience of over four decades in engineering, assembling, testing and support services for automation systems for quarter turn applications. At our world class manufacturing facility in Hubballi, commissioned in the year 2013 we have the capacity to supply over 50,000 automated systems per annum for both on/off and modulating applications.

### A brief of our systems supplies:

- With different type of actuators like pneumatic, electric, hydraulic, electro hydraulic, gas and gas over oil.
- Including the total range of reputed accessories and fire safe enclosures with all global actuator brands including our recently launched Teratork rack & pinion actuators.
- For applications like Emergency shutdown valves, Blow down valves, Shutdown valves, line break, extra quick closing and controlled opening valves, double block and bleed valves and buried service valves.
- For cryogenic, high temperature, severe and corrosive services.
- Market sectors served are oil & gas, chemicals, pharmaceuticals, petrochemicals, refineries, power, ore beneficiation and paper.



**Forged body ball valve with Pneumatic scotch yoke actuator**



**Forged fully welded ball valve with gas-over oil actuator**



**Ball valve with volume tank and accessories mounted on actuator inside fire safe enclosure**



**Cast body ball valve with electro-hydraulic actuator**



**Forged body ball valve with motor operated actuator**



**Cast body ball valve with rack and pinion actuator with accessories and handwheel**

# Microfinish valves product range



Microfinish has the total spectrum of ball valves in its product portfolio, besides speciality valves like globe valves for chlorine service and bellow sealed valves. We also manufacture rack & pinion actuators besides knife edge gate valves, gate, globe & check valves.



## Floating ball valve

Size : 15mm to 250mm

Pressure Class : # 150 to # 2500

Standards : ISO 17292, API 6D, ANSI B16.34, NACE MR0175



## Trunnion mounted ball valves

Size : 50mm to 1200mm

Pressure Class : # 150 to # 2500

Standards : API 6D, ANSI B16.34, NACE MR0175



## Bellows sealed globe valves

Size : 15mm to 300mm

Pressure Class : # 150 to # 2500

Standards : BS 1873, BS 5352



## Globe valves for chlorine service

Size : 15mm to 300mm

Pressure Class : # 300

Standards : BS 1873, BS 5352 & EUROCHLOR STD



## Ball valves for special applications

- Cryogenic
- Jacketed
- High and low temperature applications
- Severe service applications



## Teratork rack and pinion pneumatic actuator

- Extruded hard anodised aluminium body
- Air supply pressure: 2 to 8 bar
- Torque range: 3 Nm to 54000 Nm



## THE AMERICAS

**MICROFINISH VALVES, INC.** 

7505 Bluff Point Drive, Suite 100 Houston, Texas 77086, United States.

Phone: +1 281-885-4250 / +1 281-885-4259 Fax: +1 281-866-0996

Email: [usasales@microfinishgroup.com](mailto:usasales@microfinishgroup.com) Website: [www.microfinishvalvesinc.com](http://www.microfinishvalvesinc.com)

**MICROFINISH VALVES PVT. LTD.** 

Block no.23B, Plot no.1 to 6, Hubballi-Dharwad Bypass Road, Itigatti Village,  
Dharwad-580 114, Karnataka state, India. Phone: +91 836 2310015 / 16 / 19

Email: [sales@microfinishgroup.com](mailto:sales@microfinishgroup.com) Website: [www.microfinishgroup.com](http://www.microfinishgroup.com)