

Ceramic core hard sealing ball valve



PRODUCT DESCRIPTION

MstnLand's series of Ceramic core hard sealing ball valve, the valve core and valve seat are made of alumina, silicon carbide that is high hardness, corrosion resistant engineering ceramics, through 1680°C/2100°C high temperature sintering, valve core and valve seat are precision grinding, so that the ball valve sealing surface is not only high hardness, but also suitable for all kinds of medium that contain high hardness particles and high erosion. And the service life is longer than general ball valve, the opening and closing times are more than 100,000. The chemical inert of ceramics is more suitable for a variety of acid and alkali corrosion, high salt corrosion and other fields.

In addition, the patented pressure self-balancing structure makes the torque of the ball valve only 1/4 of the general ball valve, easy to open and close, the power required when the electric drive is less, the overall structure size is more compact and delicate, the installation is more flexible and convenient, and the limitation of installation space is greatly reduced. Its sealing performance is reliable, before leaving the factory, it will go through more than 30 testing procedures such as air pressure, water pressure test to ensure the sealing performance.



TECHNICAL SPECIFICATIONS

Body material:	PPO,PPH,UPVC,CPVC, Stainless steel316L
Size range:	DN 15- DN100
Pressure rating:	1.0MPa, 1.6MPa
Operating temperature:	≤250°C
End connection:	Glue: UPVC Flanged: UPVC, 316L Threaded :PPO,PPH,, 316L Clamp: 316L Hot-melt: PPR
Applicable medium:	Water, Oil, Acid and alkali medium, High salt corrosive media
Mode of operation:	Manual、Electric、Pneumatic
Applicable industry:	Chemical & Petrochemical Oil & Gas General industrial Water & Water treatment
Design & Manufacture:	ISO, GB.CE, RoHS