

Microfinish Metal Seated Ball Valves

Brand: Microfinish



Short Description

The Microfinish robust metal seated ball valve line outperforms in the harshest industrial conditions. This includes extreme high temperature up to 650°C / 1200°F, abrasive medium such as fly-ash, slurry, and pulp applications, and pressures as high as class 2500. By default, Microfinish metal seated ball valve line exceeds FCI-70-2 Class V leak rate with outstanding repeatability. Class VI leak rate is also feasible upon special request, and pending approval from the Microfinish engineering team.

Description

Various hardening techniques are available: nickel plating, chromium plating, nitriding of austenitic stainless steel, plasma thermal arc (PTA) welding of stellite, and high velocity oxygen fuel (HVOF) spray technique of tungsten carbide or chromium carbide over cobalt base layer. Each technique is sized carefully to meet the application parameters. The Microfinish metal seated ball valve line includes floating ball valves, from ½ inch (DN15) to 10 inch (DN250), and trunnion mounted ball valves, from 2 inch (DN50) and up to 48 inch (DN1200). Both types of valve are available in reduced bore and full bore, and pressure classes from ASME 150 to 2500. Features Finely machined and lapped balls and seats ENP or hard coated balls and seats Temperature capability to 1004 F Scraper seat as standard Fire-safe design Blowout proof stem Live loaded molded graphite gland packing