



硬密封 球阀系列

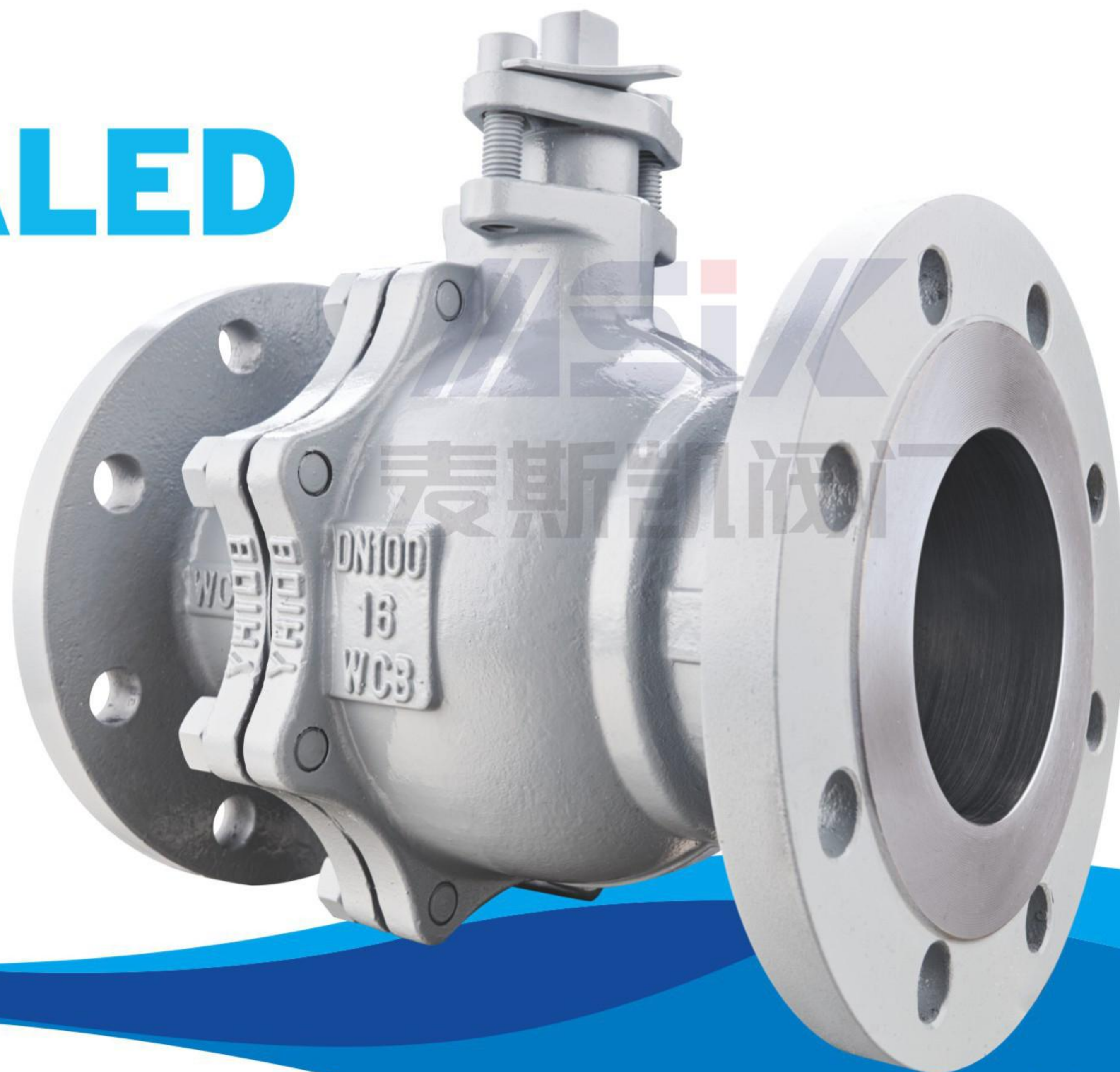
HARD SEALED

BALL VALVE SERIES

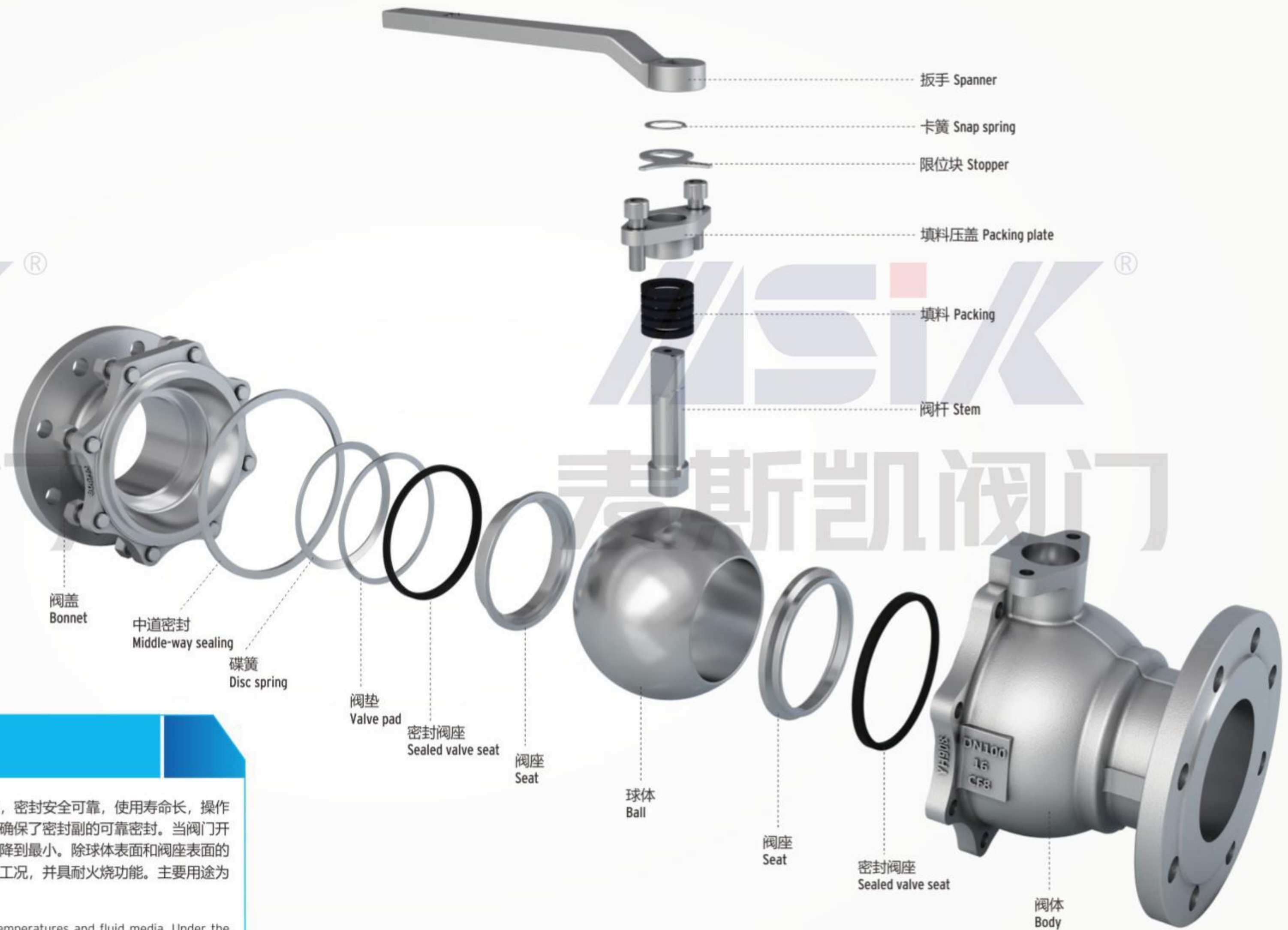
麦斯凯阀门

麦斯凯为炼油、石油、化工、电站、采矿、造纸等行业提供流体过程控制解决方案，并提供满足解决客户严酷苛刻工况问题的阀门产品。

MSIK provides fluid process control solutions for refining, petroleum, chemical, power plant, mining, papermaking and other industries, and provides valve products to meet customers' severe and harsh working conditions.



HARD SEALED BALL VALVE SERIES



概述 INTRODUCTION

金属硬密封球阀相对于软密封球阀，可适应更宽范围的温度和流体介质领域，在工作状态下，密封安全可靠，使用寿命长，操作方便，压力损失小。采用偏心结构，在关闭过程中，阀座与球体间的密封比压能迅速增加，从而确保了密封副的可靠密封。当阀门开启时，阀座与球体能迅速脱离，有效的减小了操作力矩，并使阀座表面与球面之间的擦伤可能性降到最小。除球体表面和阀座表面的特殊表面处理外，在其它密封材料方面采用柔性石墨、金属缠绕式垫片等，故能用于高温、高压工况，并具耐火烧功能。主要用途为高温、高压，强腐蚀性及含有颗粒性介质的工况，如煤化工，多晶硅，硫酸/硝酸等行业。

Compared with the soft seal ball valve, the metal hard seal ball valve is suitable for a wider range of temperatures and fluid media. Under the working status, it is featured by safe and reliable sealing, long service life, convenient operation and low pressure loss. As the valve adopts the eccentric structure, during the closing process, the sealing specific pressure between the seat and ball will rapidly increase, so as to ensure reliable sealing of the sealing pair. When the valve is opened, the seat will rapidly leave the ball, so as to effectively reduce the operating torque and minimize the possibility of scratch between seat surface and ball surface. The ball surface and seat surface are subject to special surface treatment, and other sealing materials such as flexible graphite, metal wound gasket, etc. are adopted, so it can be used under high temperature and high pressure service conditions and is resistant to fire. It is mainly used in high temperature, high pressure and high corrosion service conditions and those with media containing granules in such industries as coal chemical industry, polycrystalline silicon, sulfuric acid/nitric acid, etc.



Q641H/Y 气动硬密封法兰球阀
Pneumatic hard-seal flanged ball valve

公称压力: 1.0~4.0MPa, 150Lb~300Lb
公称口径: DN15~200mm, NPS 1/2"~8"
适用温度: -29~425°C(具体温度范围视介质性质而定)
连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
阀门材料: WCB, CF8, CF3, CF8M, CF3M, 310S, 特种钢
密封材料: Hcr, STL, Ni60, WC
配套附件: 安装法兰

NOMINAL PRESSURE 1.0~4.0MPa, 150Lb~300Lb
NOMINAL DIAMETER DN15~200mm, NPS 1/2"~8"
APPLICABLE TEMPERATURE -29~425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
VALVE MATERIALS WCB, CF8, CF3, CF8M, CF3M, 310S, Special steel
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Flange



Q341H/Y 浮动式硬密封球阀
Floating hard-seal ball valve

公称压力: 1.0~4.0MPa, 150Lb~300Lb
公称口径: DN15~200mm, NPS 1/2"~8"
适用温度: -29~425°C(具体温度范围视介质性质而定)
连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
阀门材料: WCB, CF8, CF3, CF8M, CF3M, 310S, 特种钢
密封材料: Hcr, STL, Ni60, WC
配套附件: 安装法兰

NOMINAL PRESSURE 1.0~4.0MPa, 150Lb~300Lb
NOMINAL DIAMETER DN15~200mm, NPS 1/2"~8"
APPLICABLE TEMPERATURE -29~425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
VALVE MATERIALS WCB, CF8, CF3, CF8M, CF3M, 310S, Special steel
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Flange

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Q941H/Y 电动双向硬密封法兰球阀
Electric two-way hard-seal flanged ball valve

公称压力: 1.0~4.0MPa, 150Lb~300Lb
公称口径: DN15~200mm, NPS 1/2"~8"
适用温度: -29~425°C(具体温度范围视介质性质而定)
连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
阀门材料: WCB, CF8, CF3, CF8M, CF3M, 310S, 特种钢
密封材料: Hcr, STL, Ni60, WC
配套附件: 安装法兰

NOMINAL PRESSURE 1.0~4.0MPa, 150Lb~300Lb
NOMINAL DIAMETER DN15~200mm, NPS 1/2"~8"
APPLICABLE TEMPERATURE -29~425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
VALVE MATERIALS WCB, CF8, CF3, CF8M, CF3M, 310S, Special steel
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Flange



Q347H/Y 固定式硬密封球阀
Fixed hard-seal ball valve

公称压力: 1.0~10.0MPa, 150Lb~600Lb
公称口径: DN15~800mm, NPS 1/2"~32"
适用温度: -29~425°C(具体温度范围视介质性质而定)
连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
阀门材料: WCB, CF8, CF3, CF8M, CF3M, 310S, 特种钢
密封材料: Hcr, STL, Ni60, WC
配套附件: 安装法兰

NOMINAL PRESSURE 1.0~10.0MPa, 150Lb~600Lb
NOMINAL DIAMETER DN15~800mm, NPS 1/2"~32"
APPLICABLE TEMPERATURE -29~425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
VALVE MATERIALS WCB, CF8, CF3, CF8M, CF3M, 310S, Special steel
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Flange

Q41H/Y 低平台单向硬密封法兰球阀
Low platform one-way hard-seal flanged ball valve



公称压力: 1.0-4.0MPa, 150Lb-300Lb
公称口径: DN15-200mm, NPS 1/2"-8"
适用温度: -29-425°C(具体温度范围视介质性质而定)
连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
阀门材料: WCB, CF8, CF3, CF8M, CF3M, 310S, 特种钢
密封材料: Hcr, STL, Ni60, WC
配套附件: 安装法兰

NOMINAL PRESSURE 1.0-4.0MPa, 150Lb-300Lb
NOMINAL DIAMETER DN15-200mm, NPS 1/2"-8"
APPLICABLE TEMPERATURE -29-425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
VALVE MATERIALS WCB, CF8, CF3, CF8M, CF3M, 310S, Special steel
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Flange



Q11H/Y 螺纹硬密封球阀
Threaded hard-seal ball valve

公称压力: 1.0-4.0MPa, 150Lb-300Lb
公称口径: DN15-100mm, NPS 1/2"-4"
适用温度: -29-425°C(具体温度范围视介质性质而定)
连接方式: GB/T 7306
阀门材料: WCB, CF8, CF3, CF8M, CF3M, 310S, 特种钢
密封材料: Hcr, STL, Ni60, WC
配套附件: 螺纹连接

NOMINAL PRESSURE 1.0-4.0MPa, 150Lb-300Lb
NOMINAL DIAMETER DN15-100mm, NPS 1/2"-4"
APPLICABLE TEMPERATURE -29-425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 7306
VALVE MATERIALS WCB, CF8, CF3, CF8M, CF3M, 310S, Special steel
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Thread connection

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Q41H/Y 低平台双向硬密封法兰球阀
Low platform two-way hard-seal flanged ball valve



公称压力: 1.0-4.0MPa, 150Lb-300Lb
公称口径: DN15-200mm, NPS 1/2"-8"
适用温度: -29-425°C(具体温度范围视介质性质而定)
连接法兰: GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
阀门材料: WCB, CF8, CF3, CF8M, CF3M, 310S, 特种钢
密封材料: Hcr, STL, Ni60, WC
配套附件: 安装法兰

NOMINAL PRESSURE 1.0-4.0MPa, 150Lb-300Lb
NOMINAL DIAMETER DN15-200mm, NPS 1/2"-8"
APPLICABLE TEMPERATURE -29-425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 9113, JB/T 79, HG/T 20592, ASME B16.5
VALVE MATERIALS WCB, CF8, CF3, CF8M, CF3M, 310S, Special steel
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Flange



Q11H/Y 锻钢螺纹硬密封球阀
Forged steel threaded hard-seal ball valve

公称压力: 1.0-10.0MPa, 150Lb-600Lb
公称口径: DN15-50mm, NPS 1/2"-2"
适用温度: -29-425°C(具体温度范围视介质性质而定)
连接方式: GB/T 7306
阀门材料: A105, F304, F316, 特种钢等
密封材料: Hcr, STL, Ni60, WC
配套附件: 螺纹连接

NOMINAL PRESSURE 1.0-10.0MPa, 150Lb-600Lb
NOMINAL DIAMETER DN15-50mm, NPS 1/2"-2"
APPLICABLE TEMPERATURE -29-425°C
(The detailed temperature range depends on the medium properties)
CONNECTION FLANGE GB/T 7306
VALVE MATERIALS A105, F304, F316, Special steel etc
SEALING MATERIALS Hcr, STL, Ni60, WC
ACCESSORIES Thread connection