



**BALL VALVES  
and  
Y-STRAINERS  
Catalog**





## COMPANY PRESENTATION

Tiansheng Valve Group Co., LTD. is a private Group (TSV), specialized in valves design and manufacturing. Founded in 1999, it has been previously known as « Yongjia Tiansheng Valve Manufacturing co., LTD. »

The Group's leading products include all widely used valves: ball, butterfly, gate, check and globe.



All these products can be designed and produced according to National, American, Japanese, EU standards, whether forged steel or foundry, DUPLEX and Special alloys (on request).

TSV is referenced as supplier of major National players, including China Petrochemical Corporation (SINOPEC), China National Petroleum Corporation (CNPC), China National Electric Engineering Company (CNEEC). TSV is member of the China Valve Association.

- The Group owns an import/export licence.
- It is certified **ISO 9001** and is CE certified and consequently allowed to sell its products in Europe. TSV products are compliant with **ISO 17292**.
- The Groups is also licensed by American Petroleum Institute for its **API 6D** compliant products.
- Its products are approved according to National Pressure Piping Components Manufacturing Licence.

With a registered capital of 103,68 Million Yuan Renminbi, TSV is rated AAA by Industrial and Commercial Bank of China (ICBC).

In 2018 TSV has invested in new production facilities and renewed its machine tools drastically. More than 70% of machining is realized with CNC since the early 2019.



**TSV** is now focused on International development and became one of the main shareholders of **TSV Europe (TSVE)**, a French based company which is in charge of marketing its products in foreign countries, including Europe, Middle-East, Africa and America.

<b>INTRODUCTION TO BALL VALVES SERIES</b>	<b>P. 5</b>
<b>BALL VALVE MAIN DESIGNS FEATURES</b>	<b>P. 6 - 8</b>
<b>BALL VALVES SERIES</b>	
<b>FLOATING</b>	<b>P. 9</b>
<b>TRUNNION MOUNTED</b>	<b>P. 10</b>
<b>SPECIAL ARCHITECTURES</b>	
<b>DBB</b>	<b>P. 12</b>
<b>TOP ENTRY</b>	<b>P. 13</b>
<b>FULLY WELDED TRUNNION PIPELINE</b>	<b>P. 14</b>
<b>CRYOGENIC</b>	<b>P. 15-16</b>
<b>DIRECT BURIED</b>	<b>P. 17</b>
<b>ECCENTRIC HALF BALL VALVES</b>	<b>P. 18</b>
<b>V-TYPE</b>	<b>P. 19-20</b>
<b>THREE-WAY</b>	<b>P. 21-22</b>
<b>VACUUM</b>	<b>P. 23</b>
<b>Y-STRAINERS</b>	<b>P. 24 - 25</b>
<b>MAIN CONNECTING DIMENSIONS</b>	
<b>FLOATING BALL VALVES</b>	<b>P. 27 - 28</b>
<b>TRUNNION BALL VALVES</b>	<b>P. 29 - 33</b>
<b>SPECIAL ARCHITECTURES</b>	<b>P. 34 - 46</b>
<b>Y-STRAINERS</b>	<b>P. 47 - 48</b>
<b>FLANGES</b>	<b>P. 49 - 50</b>
<b>NET BREAKING TORQUE WITHOUT SAFETY FACTOR</b>	<b>P. 51</b>
<b>MATERIALS</b>	<b>P. 52</b>
<b>CERTIFICATES</b>	<b>P. 53 - 58</b>

