

Product introduction

Silence check valve consists of valve body, seat, diversion shuttle, disc, bearing and spring etc..The bore is flow-line designed so pressure loss is very little.The disc's stroke is very short and when stop the pump the valve can close quickly and prevent the great noise from water-hammering so the valve can close quietly without any noise .It is widely used in feeding/draining system, fire protection and heat supplying system, and it is installed at the outlet of the pump to prevent backward fluid's and water-hammering's damage to the pump.

Main technical parameters

Nominal pressure: 1.0-2.5MPa

Nominal diameter: 50-350mm

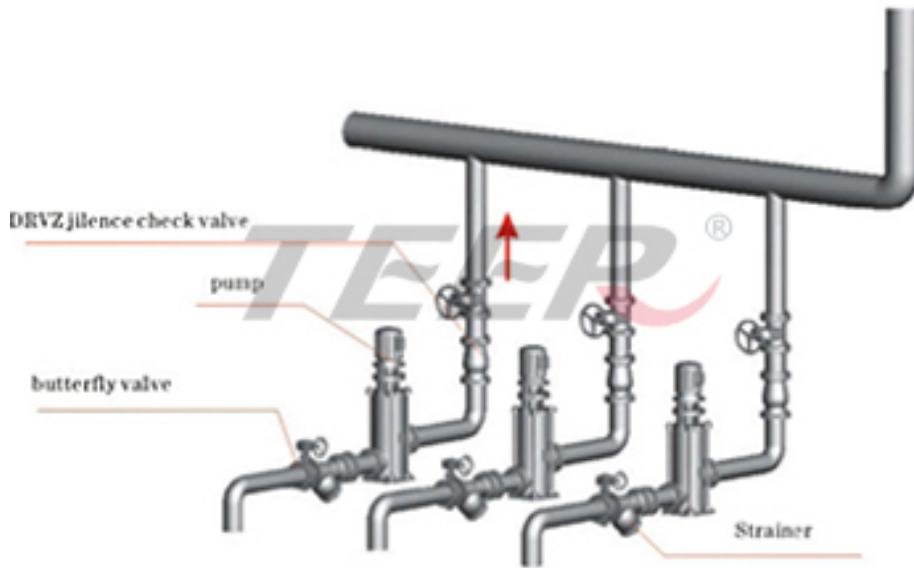
Service: water, oils, sea water, sewage

Working temperature: 0-80

Flanged end: GB/T17241.6 GB9113

Inspection and test: GB/T 13927 API 598

Typical installation diagram



Material

| | | |
|---------------------------------|---------------------------------|-----------------|
| Body and diversion shuttle: | disc and shaft: | spring |
| ductile cast iron seat,bearing, | Al-bronze or Cr-stainless steel | stainless steel |

Main dimensions unit:mm

| | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DN | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
| L | 110 | 120 | 150 | 180 | 229 | 254 | 267 | 292 | 330 | 356 | 381 |

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Dong-ou Industrial Zone, Wenzhou, Zhejiang,China,325100

Int'l trade: Tel:(86)577-57999777 67995111 67995115 67995116 Fax:57999888 Local sales: Tel:57989999

Fax:57989988

[HTTP://www.chinateer.com](http://www.chinateer.com) E-mail: trade@chinateer.com