



# 特殊阀门

SPECIAL VALVE

产 / 品 / 规 / 格 / 书

Product Specification



上海伟伦阀门集团有限公司

SHANGHAI WEILUN VALVE GROUP CO.,LTD

# 排污阀

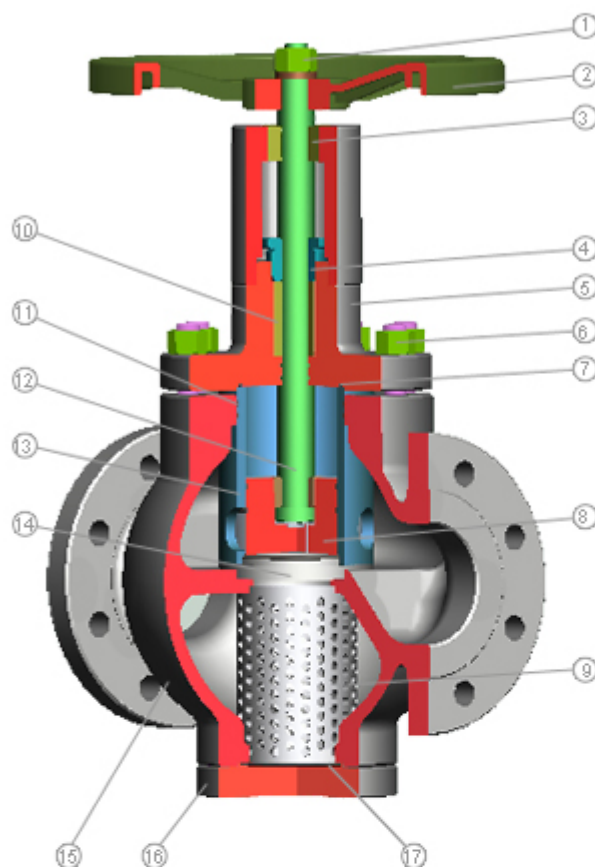
Draining Valve

## 产品简介

DRV型排污阀是一种新型排污截止阀。它采用了阀芯、笼形结构，阀芯上开设有平衡孔，阀芯与阀座采用硬软双质密封垫，所以该阀门具有开启平稳、轻便，密封可靠等优点。特别是该阀门采用双笼形套结构，把介质通道与密封分开设置，保护了密封垫，使该阀门具有更好的耐冲蚀性能及排污性能、大大延长了使用寿命，其使用寿命是原排污阀的两倍以上。

## Product Description

DRV valve sleeve type drain valve is a new sewage valve, It uses valve body, cage-like structure. There are holes on the spool opening balance, valve and valve seat using dual quality hard and soft gaskets.



- |                          |                      |                |                 |                    |                  |
|--------------------------|----------------------|----------------|-----------------|--------------------|------------------|
| ① 手轮螺母<br>Hand Wheel Nut | ④ 填料压盖<br>Gland      | ⑦ 垫片<br>Gasket | ⑩ 填料<br>Packing | ⑬ 芯套<br>Core Bush  | ⑯ 底盖<br>Bottom   |
| ② 手轮<br>Hand Wheel       | ⑤ 阀盖<br>Bonnet       | ⑧ 阀瓣<br>Disc   | ⑪ O型圈<br>O-Ring | ⑭ 阀座<br>Valve Seat | ⑰ 缠绕垫片<br>Gasket |
| ③ 阀杆螺母<br>Stem Nut       | ⑥ 螺栓螺母<br>Bolt & Nut | ⑨ 网套<br>Net    | ⑫ 阀杆<br>Stem    | ⑮ 阀体<br>Valve Body |                  |

## 工作原理

排污阀采用双笼形套结构，硬软双质密封垫，浮动阀座密封面为凸台结构，柱塞阀芯内嵌软密封垫，关闭时硬软双质密封垫同时贴合在密封面上。软质密封垫弹性变形量由硬质合金密封限位，保证了密封的可靠。排污时，介质通过双笼形套窗口排出，介质通道与密封分开设置，保证了密封垫不受冲蚀，从而大大延长了阀门的使用寿命。

## Working Principle

Drain valve use double cage structure, hard and soft material seal, the sealing surface of floating seat is boss structure, and valve core of plunger embedded soft gaskets, when closed, the hard and soft seal is simultaneously bonded sealing surface on. The elastic deformation of the soft gasket limited and sealed by hard alloy to ensure a reliable seal. Sewage, medium discharge through the double cage window, media channels and seal set apart, to ensure that the sealing gasket against erosion, thus greatly extending the life of the valve.

# 排污阀

Draining Valve

## 主要零件材料

DRV-150、600		DRV-150、600		DRV-900	
零件名称	材料	零件名称	材料	零件名称	材料
阀体	WCB	阀体	WCB	阀体	锻钢20
阀盖	WCB	阀盖	WCB	阀盖	锻钢20
阀芯	锻钢3Cr13	阀芯	抗硫合金	阀芯	锻钢3Cr13
阀杆	不锈钢3Cr13	阀杆	抗硫合金	阀杆	不锈钢3Cr13
填料	聚四氟乙烯	填料	聚四氟乙烯	填料	聚四氟乙烯
阀芯套	锻钢3Cr13	阀芯套	抗硫合金	阀芯套	锻钢3Cr13
阀座	硬质合金	阀座	抗硫硬质合金	阀座	硬质合金
手轮	球墨铸铁	手轮	硬质合金	手轮	球墨铸铁
阀杆螺母	铸造黄铜	阀杆螺母	铸造黄铜	阀杆螺母	铸造黄铜
O型密封圈	耐油橡胶	O型密封圈	氟橡胶	O型密封圈	耐油橡胶
软密封	增强氟塑料	软密封	增强氟塑料	软密封	增强氟塑料

## Main parts materials

DRV-150、600		DRV-150、600		DRV-900	
Part name	Material	Part name	Material	Part name	Material
Body	WCB	Body	WCB	Body	Forged steel 20
Bonnet	WCB	Bonnet	WCB	Bonnet	Forged steel 20
Valve core	Forged steel3Cr13	Valve core	Sulfur carbide alloy	Valve core	Forged steel3Cr13
Stem	Stainless steel 3Cr13	Stem	Sulfur carbide alloy	Stem	Stainless steel 3Cr13
Packing	PTFE	Packing	PTFE	Packing	PTFE
Valve core bushing	Forged steel3Cr13	Valve core bushing	Sulfur carbide alloy	Valve core bushing	Forged steel3Cr13
Seat	Carbide alloy	Seat	Sulfur resistance carbide alloy	Seat	Carbide alloy
Handwheel	Nodular cast iron	Handwheel	Carbide alloy	Handwheel	Nodular cast iron
Yoke nut	Cast brass	Yoke nut	Cast brass	Yoke nut	Cast brass
O-seal ring	Oil resistance rubber	O-seal ring	Fluorine plastics	O-seal ring	Oil resistance rubber
Soft seal	Reinforced fluorine plastics	Soft seal	Reinforced fluorine plastics	Soft seal	Reinforced fluorine plastics







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