

## WD-HG5型玻璃管液位计

### WD-HG5 GLASS LIQUID LEVEL GAUGE

#### 概述 Introduction

HG5型玻璃管液位计是就地式液位测量，它主要用于直接指示各种罐、塔、槽、箱等容器内介质液位的高度。

仪表上下阀都装有PN1.6MPa, DN20的法兰，通过在容器上的法兰，与容器组成连通器，透过玻璃管就可直接读得容器内介质液位的高度。仪表两端均装有针形阀，针形阀内装钢球，当玻璃和因意外事故而破裂时，钢球在容器压力的作用下自动关闭针形阀通道，以防止容器内介质外流。

HG5 is used for liquid level measuring. It can indicate liquid level of kinds of tank.

Each valve of Up and Down has a flange DN20, PN1.6MPa. The gauge connect with the vessel by flanges. Level can be seen through glass tube. The gauge is installed needle valve, steel ball inner. If glass is destroyed by accident, steel ball will auto shut off needle valve under pressure working to prevent liquid from flowing out.

#### 特点 Characteristic

直读式仪表，读数精确 Direct read instrument, level number accuracy  
 结构简单，维修方便 single instructure, convenient maintenance  
 经久耐用 long using life

#### 主要技术参数 Main Technical Parameter

测量范围（安装中心距L） Measuring range(C-C)

300 500 800 1100 1200 1400 1700mm

工作压力 Operating pressure:  $\leq 1.6\text{MPa}$

材质 Material: 碳钢CS、不锈钢SS

工作温度 Operating Temp:  $\leq 200^\circ\text{C}$

钢球自封压力大于0.2MPa

Steel ball Press sealed itself more than 0.2MPa

连接法兰标准 HGJ46-91 PN1.6 DN20突面法兰

Connect Flange Standard HGJ46-91 PN1.6 DN20凸面法兰  
 其它法兰标准如JB/T、GB、ANSI等，请设计部门或用户注明。

If other flange standard required, pls remark before order

伴热蒸汽压力 Gas pressure with heating:  $\leq 0.6\text{MPa}$

蒸汽夹套接头 G1/1"外螺纹

Gas jacket junction G1/1"outscrew



安装中心距L和标尺刻度L1关系  
 Relation of C-C L & Rod L1

L	300	500	600	800	1000	1200	1400	1700
L1	150	350	450	650	850	1050	1250	1550

#### 型号规格表 Model & Spec

WD-HG5	玻璃管液位计 Glass Gauge
A	法兰口径DN15 Flange DN15
B	法兰口径DN20 Flange DN20
C	法兰口径DN25 Flange DN25
1	公称压力0.6MPa Norminal Pressure 0.6MPa
2	公称压力1.0MPa Norminal Pressure 1.0MPa
3	公称压力1.6MPa Norminal Pressure 1.6MPa
C	材质CS material CS
S	材质SS material SS
	测量范围 (mm) range(mm)

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特殊要求可在订货时注明! Any special pls remark as orde

#### 使用须知 Attention

为保证自密封作用，容器内介质压力应大于0.2Mpa。在打开上下阀时，阀杆退出转数不得少于4转，以免钢球在自密封时，碰到阀杆的顶端。

To ensure sealing itself function, medium pressure in vessel must be not less than 0.2MPa. When opening the up and down valves, the return-rotation of valve pole is not less than 4 to avoid steel ball sealing itself from touching the top of the pole.

#### 订货须知 Order Notice

订货时请提供下列数据：型号规格，测量范围（中心距L），工作压力，工作温度，材质要求。  
 Order must supply: model、measuring range(C-C L)、operating pressure、operating temperature、material.