

INDOOR PRESSURE REDUCING AND STABILIZED FIRE HYDRANT MODEL FIG111



PRODUCTION STANDARDS

MODEL FIG111 PN16

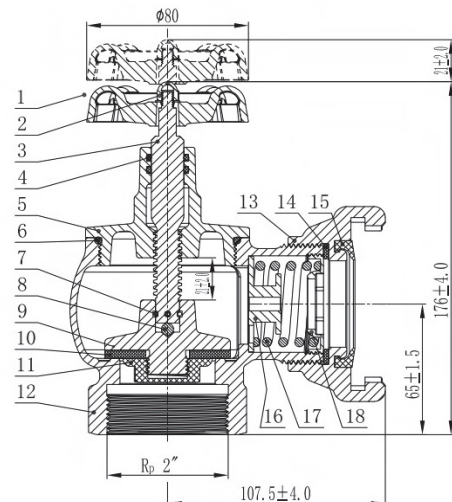
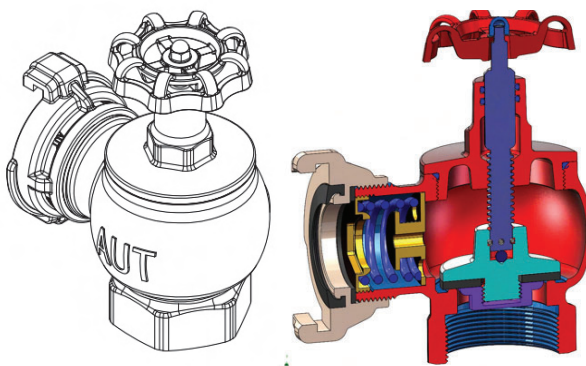
Connection	GB/T 7306.1-200
Face to face	FEMALE HEX THREAD
Pressure Class	PN16

MATERIAL SELECTION

No	Items	Material	Standard	Standard	Remarketer
1	FIG 111-01	Hand-wheel	1	GGG50	Standard Part
2	Class 8.8	Round Head Hex Nut M6	1	Carbon Steel/304	
3	FIG 111-02	Valve Stem	1	HPb59-1/2Cr13/304	Standard Part
4		O-ring Seal Ø16 (Inner Diameter) x 2.65 (Wire Diameter)	2	NBR	
5	FIG 111-03	Valve Cover	1	GGG50	Standard Part
6		O-ring Seal Ø16 (Inner Diameter) x 3.55 (Wire Diameter)	1	NBR	
7		Snap Ring	1	Copper Wire Ø2.2	Standard Part
8		Steel Ball - Ø6	1		
9	FIG 111-05	Valve Disc	1	GGG50	
10	FIG 111-06	Sealing Gasket	1	NBR	
11	FIG 111-07	Compression Nut	1	NYLON	
12	FIG 111-08-B	Valve Body	1	GGG50	
13	FIG 111-09	Female Thread Fixed Coupling KY51	1	Aluminum Alloy	
14	FIG 111-10	KY51 Internal Snap Coupling - Sealing Ring A	1	NBR	
15	FIG 111-11	KY51 Internal Snap Coupling - Sealing Ring B	1	NBR	
16	FIG 111-12	Orifice Plate	1	ZCuZn38	
17	FIG 111-13	Spring	1	65Mn/304/SWC	
18	FIG 111-14	Spring Seat	1	ZCuZn38	

TEMPERATURE

- Maximum 70 °C



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MAIN SPECIFICATION

Model	Nominal diameter	Nominal working pressure MPa	Inlet size	Depth of pipe thread h1 (mm)	Height after closing H (mm)	Center height of outlet h (mm)	Distance from stem center to interface edge L (mm)	Open height f (mm)	Valve body material	Applicable medium
FIG111	50	1.6	Rp 2"	25	176+/-4	65+/-1.5	107.5+/-4	≥21+/-2	GGG50	Water Foam mixture

FIG111 DN50 Indoor fire hydrant pressure reducing and stabilizing performance and flow rate published value	Item	Inlet Pressure (MPa)	Outlet Pressure (MPa)	Flow (L/s)
	Published Value	0.7	0.35	5.1
		1.6	0.45	5.1

METHOD OF USING

- The indoor fire hydrant is installed in the fire cabinet in the obvious position of the building, and it is used together with the fire hose and fire nozzle. In case of fire, quickly open the hydrant box, take out the hose, water nozzle. Hose end is connected to the hydrant, the other end is connected with the water nozzle. Then the hydrant hand wheel will be opened in the direction of opening, which can spray water to put out the fire.

INSTALLATION

- The installation unit shall have a qualification certificate and can install according to the requirements of water Supply and Drainage Standard Atlas.
- When installing, pay attention to the direction of the water outlet. So that the use of convenient loading hose, water flow. It is best to pre-connect the fire nozzle and hose to the indoor fire hydrant, so as to put out the fire quickly.
- The indoor fire hydrant is usually closed. Hydro-static test is carried out according to the regulations after installation, and the hydro-static test pressure is 2.4mpa.

MAINTENANCE

- Indoor fire hydrant in transportation and loading and unloading should pay attention to rain, avoid collision and heavy pressure.
- Indoor fire hydrants should be stored in a dry and ventilated room, to prevent damp, do not allow upside down, do not allow contact with corrosive gases
- Usually should often check whether the indoor fire hydrant is intact, whether there is rust, water leakage phenomenon, whether the interface gasket is intact.
- The valve stem should be often filled with lubricating oil to prevent the screw rust
- Regular water discharge inspection, to ensure that emergency, can open freely, does not affect the fire fighting.

ORDERING NOTICE

- When ordering indoor fire hydrant, please state product name, model, specification, quantity and required delivery date in the order.
- Indoor fire hydrant configuration includes: one indoor fire hydrant, one manual, one certificate.
- Kindly please remark it if the quantity will be increased or decrease for design requirement. If you need other parts to order separately.