

◆ Main Specifications

Model Number*1	2-Way		3-Way	
	H 202 U-XXX		H 203 U-XXX	
Valve Type	Diaphragm Type Direct Operated Poppet			
Valve Operation	NC (Normally Closed)		[3] : NO [2] : COM [1] : NC	
Fluid	Air, Water, Pure Water, Chemicals*2			
Operating Pressure Range	-90 ~ 200 (kPa)			
Compatible Tube Diameter	3 (mm)			
Proof Pressure	300 (kPaG)			
Fluid Temperature	5 ~ 50 (°C)			
Ambient Temperature	5 ~ 50 (°C)			
Ambient Humidity	30 ~ 85 (%)			
Flow Factor Cv	0.065			
Orifice Diameter	2.0 (mm)			
Volume of Valve Chamber	38 (μL) or less		99 (μL) or less	
Enclosure	IP 40 or equivalent			
Mounting Orientation	at will			
Mass	82 (g)		84 (g)	
Operating Noise	70 (dB) or less			
Life Cycle/Durability*3	10,000,000 (cycles)			
Material for Wetted Parts	Body: PPS			
	Diaphragm: EPDM			
Electrical Specifications				
Working Voltage	24 (V DC)		12 (V DC)	
Allowable Voltage Fluctuation	±10 (%)			
Power Consumption	3 (W)			
Heat-Resistant Class	Class H (180°C)			

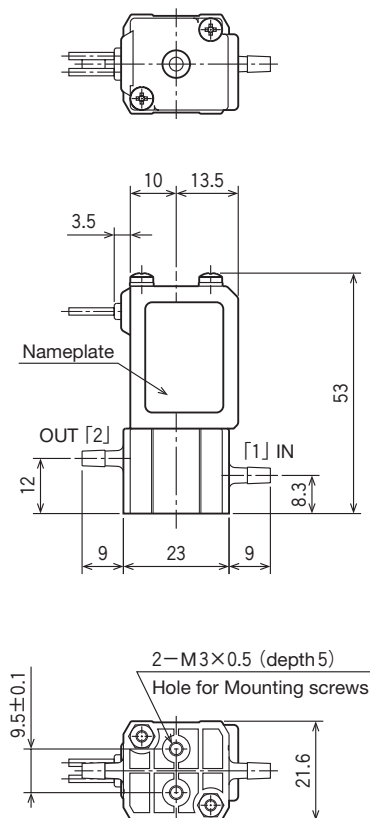
◆ Model number Key

Code	Meaning
① Orifice Diameter	
20	φ 2.0 mm
② Number of Ports	
2U	2-Way
3U	3-Way
③ Voltage	
E5A	24 V DC
E6A	12 V DC

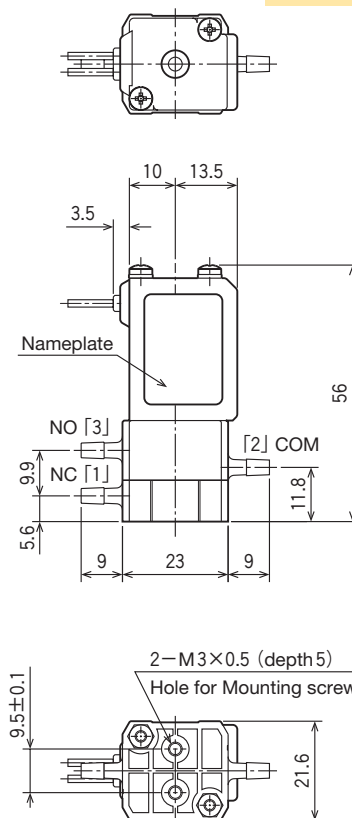
- * 1: the "XXX" portion represents this model's working voltage. Please choose between E5A & E6A.
 * 2: please use chemicals that do not corrode the materials used in the wetted part of the valve.
 * 3: measured by Takano Co. in a standard testing environment.

◆ External Dimensions (mm)

<H 202 U-XXX>



<H 203 U-XXX>



Terminal Specifications

Lead Wire Length (mm) : 495
 AWG Size : 22

