

V5011S2S Series

Steam Linear Valves

Honeywell V5011S2S series threaded linear valves can work with ML8824 series linear actuators to control the steam or water flow of central air conditioning system and district heating system.

Features

- Low leakage
- Metal sealing of valve seat for long life running
- Easy mounting of being directly coupled with ML8824 actuator

Basic Parameters

Type	Two-way Linear Valves
Action Direction	Stem down close
Pressure Rating	PN20
Size	DN15 to DN50
Available Medium and Temperature	Cold and hot water: -25 °C to 130 °C Steam: 0°C to 180°C Medium standard: GB/T29044-2012
Flow Characteristics	EQ%
Rangeability	50:1
Leakage	IV-S rating (JB/T 7387-2014) Nominal value: 5x10 ⁻⁶ x Valve Capacity Equivalent value: 0.001%kvs (water testing) or 0.04%kvs (Air testing)
Connection	Thread (ISO7-1)
Stroke	DN15~DN20: 10mm DN25 : 15mm DN32~DN50: 20mm
Materials	Body: SS304 Stem: SS304 Plug: SS304



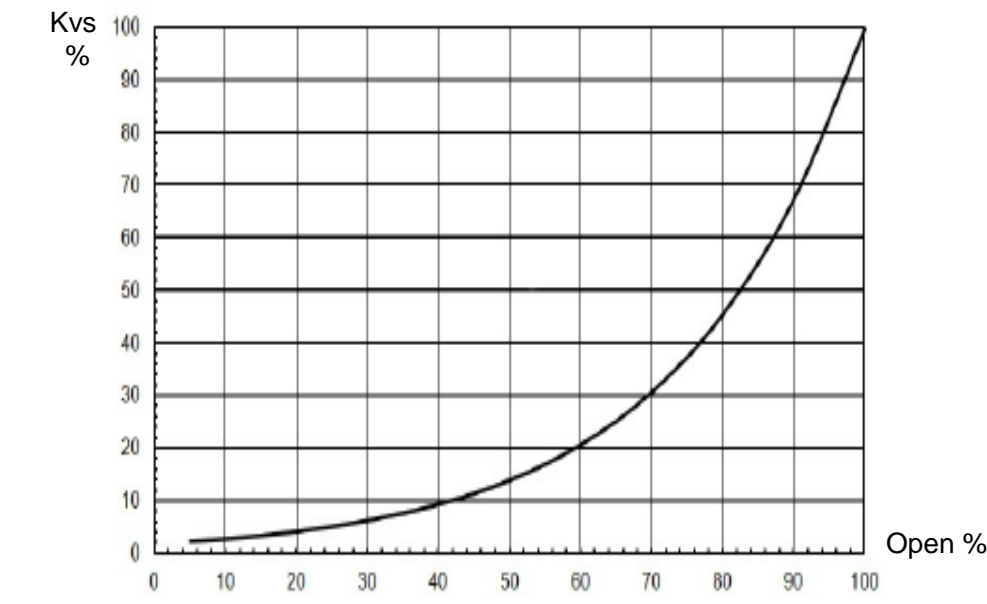
Order Information and Parameters

SKU	DN	Kvs m³/h	Stroke mm	Compatible Actuator Series	Compatible actuator Force & Stroke and Close DP (kPa)	
					600N 26mm	1800N 26mm
V5011S2S015	DN15	4	10	ML8824 Series	1100	1600
V5011S2S020	DN20	6.3	10		1100	1600
V5011S2S025	DN25	10	15		—	1600
V5011S2S032	DN32	16	20		—	1600
V5011S2S040	DN40	25	20		—	950
V5011S2S050	DN50	40	20		—	630

Notes:

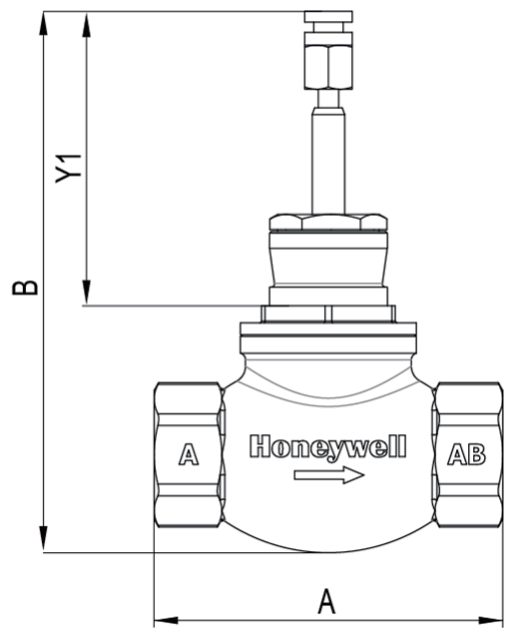
1. The close pressure differential (DP) is a comprehensive physical parameter formed by the matching of the valve and the actuator. It means that the valve is matched with a certain thrust actuator and the maximum DP that the valve can withstand when it is fully closed. Within this DP, the valve can open and close freely. , when selecting the valve, it is necessary to strictly refer to the close DP generated by the valve and actuator and the close DP required by the user. When selecting a steam valve, the close DP generated by the valve and actuator must be greater than the controlled steam pressure.
2. The close DP generated by the valve and matching actuator does not mean that the valve is suitable for steam at all pressure values below the close DP value. For the applicable steam pressure range of the valve, you need to refer to the applicable medium temperature range of the valve and check the steam temperature-pressure comparison table to ensure that the medium temperature used is within the allowed medium temperature range of the valve and leaves a safety margin.

Flow Characteristics Curve

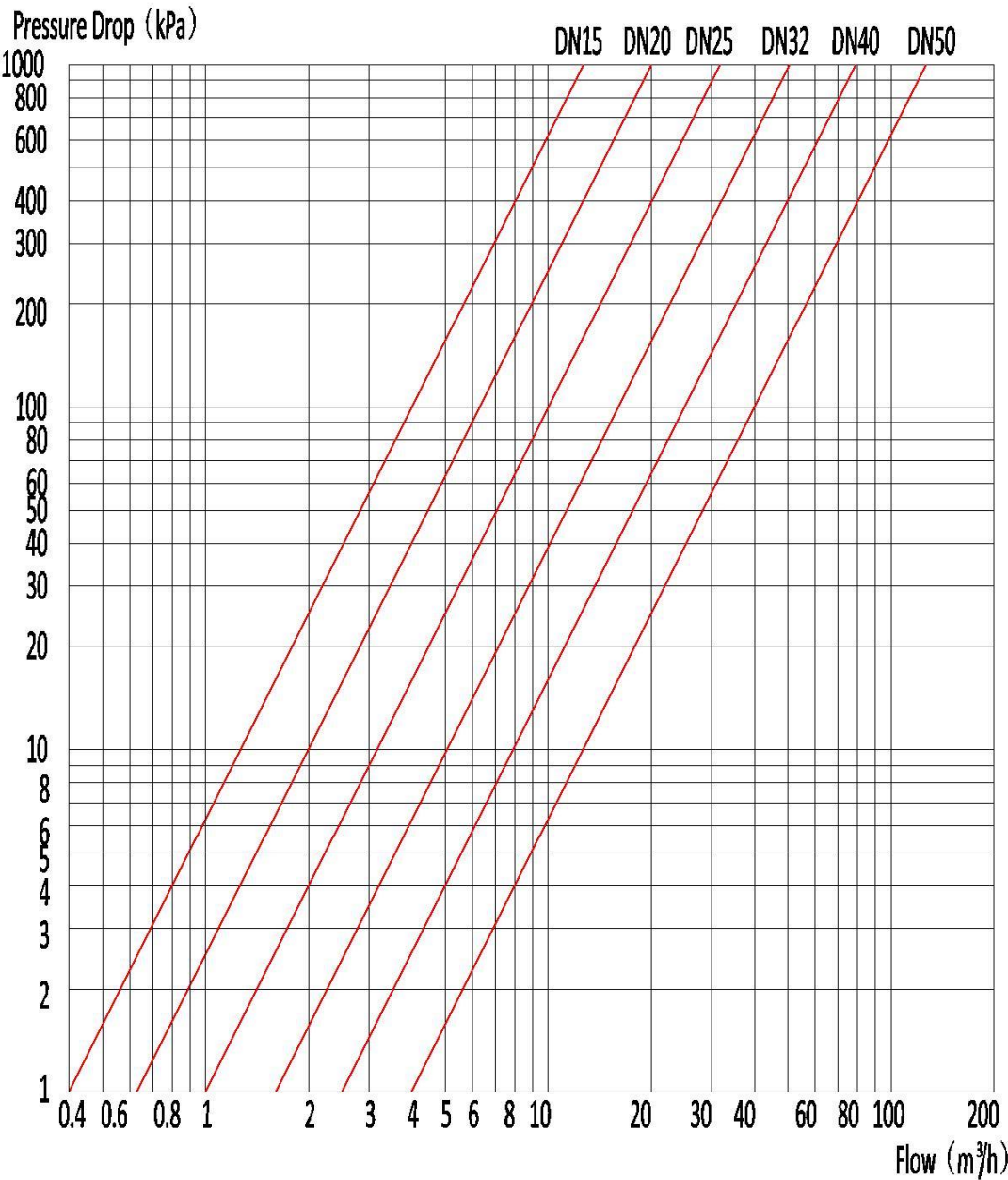


Dimension (mm) and Weight (kg)

DN	A	B	Y1 (Closed)	Weight
DN15	83	139.5	87	0.59
DN20	83	144	87	0.63
DN25	103	160	87	1.03
DN32	120	168.5	87	1.32
DN40	130	177	87	1.75
DN50	150	195.5	87	2.43



Pressure Drop Chart



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