

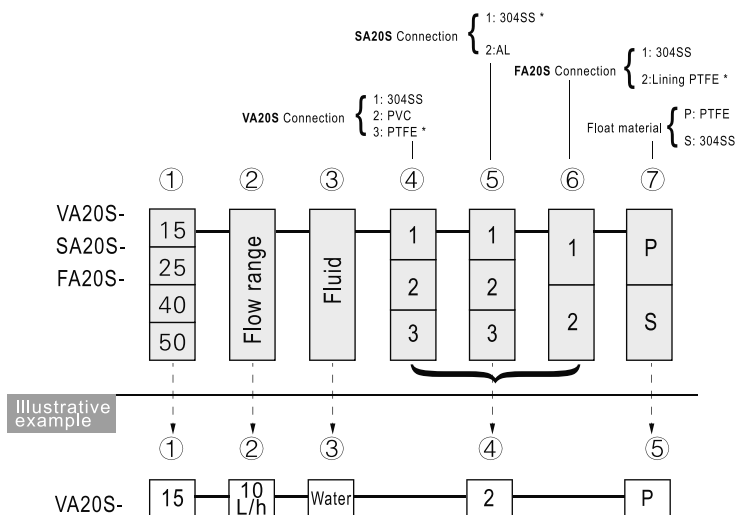
# nitto instruments

## VA/SA/FA20S Series Glass Rotameter

### 20S Specification

D N (mm)	Model	Measure Range		Working Pressure (Bar)	Temp.
		Water (L/h)	Air (m³/h)		
15	VA20S-15/15F	4-40	0.12~1.2	≤10	-20°C ~180°C
	SA20S-15	6-60	0.3~3		
	FA20S-15/15F	10-100	0.5-5		
		16-160	0.8-8		
		25-250	1.2-12		
25	VA20S-25/25F	40-400	2-20	≤10	
	SA20S-25	63-630	3-30		
	FA20S-25/25F	100-1000	5-50		
		160-1600	8-80		
		250-2500			
40	VA20S-40/40F	160-1600	5-50	≤9	
	SA20S-40	250-2500	8-80		
	FA20S-40/40F	400-4000	12-120		
50	VA20S-50/50F	400-4000	12-120	≤7	
	SA20S-50	630-6300	20-200		
	FA20S-50/50F	1000-10000	30-300		
		5000-16000			

### Ordering



\* " " Special ordering.

\* Refer to "Ordering" and "Illustrative example" when placing an order or requesting a quotation. Fill in the blanks in the "Order/Quotation Request Card" at the end of the catalog, and send the card by fax.

### VA20S Installation Size

Screwed end

D N (mm)	VA20S pipe thread connection				
	Window Size axb	L2	A	Thread Specification	weight(Kg)
15	33x235	375	58	1/2"BSP, 3/8"BSP, 1/2"NPT	1.1
25	50x240		74	1"BSP, 3/4"BSP, 1"NPT	1.8
40	65x235		92	1½"BSP, 1½"NPT	3.1
50	85x230		112	2"BSP, 2"NPT	5.1

### SA20S Installation Size

Hose end

D N (mm)	Window Size axb	SA20S Flexible Pipe Connection			
		L1	A	B	Weight(Kg)
15	33x235	400	58	17	1.1
25	50x240		74	30	1.8
40	65x235		92	44	3.1
50	85x230		112	54	5.2

### FA20S Installation Size

Flanged end

D N (mm)	Size axb	FA20S Flange Connection				
		L3	D	C	E	Weight(Kg)
15	33x235	425	ø95	ø65	4-ø15	2
25	50x240		ø115	ø85	4-ø15	3.4
40	65x235		ø145	ø110	4-ø18	6.3
50	85x230		ø160	ø125	4-ø18	9.8

### 20S Materials

No.	Material	No.	Material
1	304SS, 316L, PTFE	4	304SS, PTFE
2	AL	5	304SS, AL
3	AL	6	304SS, 45#

