

Angular Flow Indicators

Without thermowell connection	
Configuration A – DN ½" up to 4"	Configuration B – DN 5" up to 16"
With thermowell connection	
Standard Connection	
Thermowell Threaded connection	Thermowell Flanged connection

Table 2 dimensional: Angular Flow Indicator

Size	General					Sight Pipe		Window				Thermowell - Standard	
	A	A1	C	R	R curva	Size	Thk	Flange		Glass		Threaded-F	Flanged
								Ø Di	Ø De	Spessore	Ø Dg	B	B'
1/2"	90	90	95	....	....	80	20	40	80	10	50	75	180
3/4"	90	90	95	....	....	80	20	40	80	10	50	75	180
1"	90	90	95	....	....	80	20	40	80	10	50	75	180
1"1/4	120	140	213	....	....	4"	SCH*	90	156	15	110	92,15	197,15
1"1/2	120	140	213	....	....	4"	SCH*	90	156	15	110	92,15	197,15
2"	125	140	213	....	....	4"	SCH*	90	182	15	110	92,15	197,15
3"	140	140	263	....	....	5"	SCH*	120	205	20	140	105,65	210,65
4"	170	170	258	....	....	6"	SCH*	145	205	20	160	119,15	210,65
5"	183	183	338	210	190,5	3"	SCH*	78	134	15	96	93,5	135
6"	183	183	338	250	228,5	3"	SCH*	78	134	15	96	93,5	135
8"	231	231	404	320	305	6"	SCH*	145	205	20	160	93,5	135
10"	279	279	478	390	381	6"	SCH*	145	205	20	160	115	150
12"	336	336	518	470	457	8"	SCH*	176	260	25	195	125	165
14"	394	394	560	550	533,5	14"	SCH*	176	260	25	195	150	175
16"	451	451	672	630	609,5	16"	SCH*	240	335	25	270	160	190

Flow Indicators Material

Material name	USA/Canada	Germany DIN	Spain UNE	France AFNOR	Sweden SS	U.K. BS	Italy UNI
AISI316	AISI316	X2CrNiMo1810	X2CrNiMo1712	Z2CND 18.13	2348	316 S11 316 S12	X2CrNiMo1712
AISI321	AISI321	X100CrNiTi1819/1.4541	X7CrNiTi1811	Z6CNT 18.10	2337	321 S12	X6CrNiTi1811
AISI304	AISI304L	X2CrNi189/1.4301	X5CrNi1910	Z6CN 18.10	2352	304 S12	X2CrNi1811
A105		S355JR	S355JR	S355JR	S355JR	S355JR	S355JR

Components Material:

- Window: Tempered Glass (DIN 8902)
- Internal Gasket: Flat type, Viton (FKM)
- Outer Gasket: Flat type, Nyklon
- Screws: Carbon steel (ASTM A 193 B7 zinc coated) or stainless steel (ASTM A 193 B8 Class. 2), based on flow indicator material
- Nuts: Carbon steel (ASTM A 194 Gr. 2H zinc coated) or stainless steel (ASTM A194 Gr.8), based on flow indicator material

