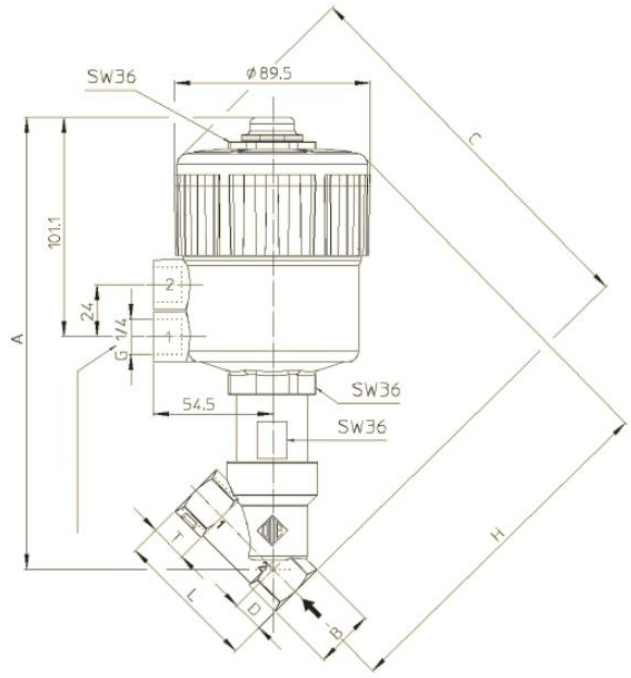
angle seat valve, stainless steel pneumatically operated
series 21IA

design	2/2-way seat valve, pneumatically operated, closing against flow, including visual indication
connection	G1/2"...G2" according to ISO228/1
materials standard construction	actuator: polyamide 66 with 30% fibreglas, seals NBR angle seat valve: body AISI 316, seat seal PTFE, stem seal PTFE/FKM
function	single acting with spring return
type of fixing	installed into rigid pipework
mounting position	any
control medium	filtered and lubricated or non lubricated compressed air, neutral gases (liquids on request)
temperature of the control media	max. +60°C
application	water, hot water, steam until 180°C, gaseous and liquid fluids which do not affect the used materials
medium temperature	-40...+180°C
ambient temperature	-10...+60°C
control pressure	NC 4...10bar, NO 1,5...10bar respectively differential pressure diagram-NO
operating pressure	0bar to operating pressure according to table and diagram, suitable for rough vacuum
accessories	limit switch, mounted manual pneumatic or electric control valve control of moving speed
order information	in case of order please specify control pressure, operating medium and operating pressure

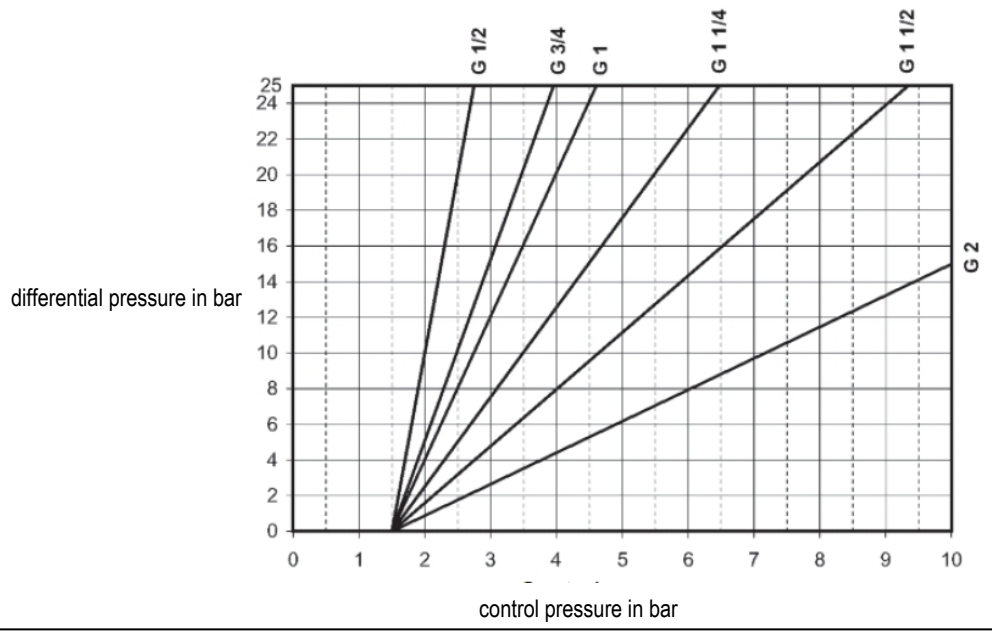
technical specifications and dimensions



connection A	nominal diameter DN[mm]	differential pressure* [bar]	maximum operating pressure [bar]	A	B	C	D	H	L	T	kv value [m3/h]	weight [app. kg]	type NC	type NO
G1/2"	15	0-16	40	207	27	179	15,4	163	65	17	4,8	1,4	21IA4T15GC2	21IA4T15GA2
G3/4"	20	0-10	40	212	32	189	21,9	167	75,5	19	9,0	1,5	21IA5T20GC2	21IA2T20GA2
G1"	25	0-10	40	221	41	198	25,1	173	90	21	11,4	1,8	21IA6T25GC2	21IA6T25GA2
G11/4"	32	0-7	25	236	50	213	28,5	184	110	24	20,4	2,4	21IA7T32GC2	21IA7T32GA2
G11/2"	40	0-4,5	25	239	55	217	31,0	186	122	25,2	25,8	2,7	21IA8T40GC2	21IA8T40GA2
G2"	50	0-3	16	248	70	2307	37,5	192	151	28,5	37,2	3,9	21IA9T50GC2	21IA9T50GA2

*differential pressure for valve NC

differential pressure - NO



illustrations are for information only and are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice