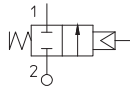


211A SERIES

Pneumatic valves, 2-way

211A are pneumatically actuated proportional angle seat valves that come with:

- dedicated seal shape to ensure a linear flow diaphragm
- optimized body design for high flow rate
- corrosion resistant body and actuator housing
- optical position indicator
- self adjusting stem packing for long service life
- 360° adjustable actuator



TECHNICAL DATA

PIPES	G 1/2 ÷ G 1
ACTUATOR SIZE	Ø 50 ÷ 70 mm
FLOW DIRECTION	below seat
FLUID TEMPERATURE	-40°C +180°C
AMBIENT TEMPERATURE	-10°C +80°C
VISCOSITY	max 600 cSt
PILOT FLUID	dry or lubricated air and neutral fluids
PILOT FLUID TEMPERATURE	max +60°C

MATERIALS

VALVE BODY	stainless steel AISI 316
MAIN SEAL	PTFE
STEM PACKING	PTFE, FKM
ACTUATOR HOUSING	glass fibre reinforced PA66 or stainless steel AISI 316
ACTUATOR GASKETS	NBR

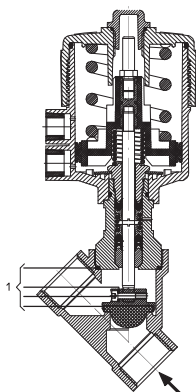
2/2 PROPORTIONAL

PIPE ISO 228/1	ORIFICE SIZE Ø [mm]	Kv [l/min]	ACTUATOR Ø [mm]	ACTUATOR PILOT PRESSURE [bar]		DIFFERENTIAL PRESSURE [bar]		MAX ALLOWABLE PRESSURE [bar] PS	CODE	WEIGHT kg	DRAWING REFERENCE
				MIN	MAX	MIN	MAX				
G1/2	15	70	70	0	10	0	16	40	211A4T15GP2	1,4	1
G3/4	20	130	70	0	10	0	10	40	211A5T20GP2	1,5	1
G1	25	150	70	0	10	0	10	40	211A6T25GP2	1,8	1

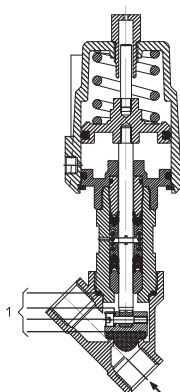
2/2 PROPORTIONAL WITH STAINLESS STEEL ACTUATOR

PIPE ISO 228/1	ORIFICE SIZE Ø [mm]	Kv [l/min]	ACTUATOR Ø [mm]	ACTUATOR PILOT PRESSURE [bar]		DIFFERENTIAL PRESSURE [bar]		MAX ALLOWABLE PRESSURE [bar] PS	CODE	WEIGHT kg	DRAWING REFERENCE
				MIN	MAX	MIN	MAX				
G1/2	15	70	50	0	8	0	16	40	211A4T15GP1-5	1,6	2
G3/4	20	110	50	0	8	0	10	40	211A5T20GP1-5	1,7	2
G1	25	130	50	0	8	0	9	40	211A6T25GP1-5	2,1	2

PROPORTIONAL,
PA66 ACTUATOR

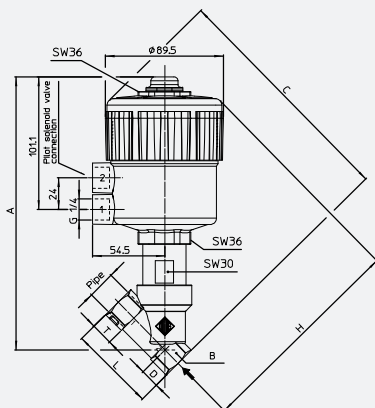


PROPORTIONAL,
STAINLESS STEEL ACTUATOR



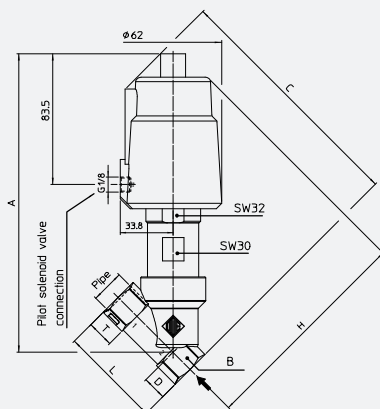
Proportional technology ■ Pneumatic valves ■ 2-way ■ 211A SERIES

DRAWING 1



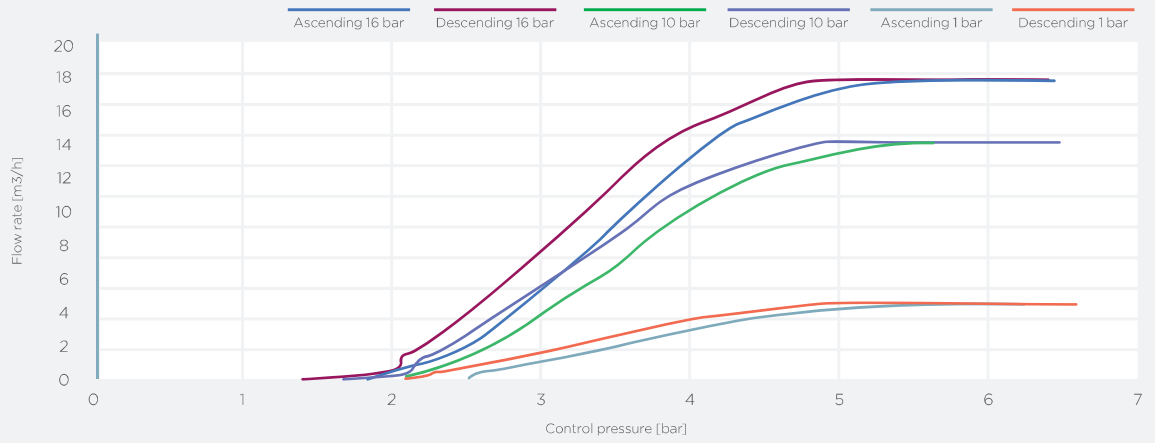
PIPE ISO 228/1	ACTUATOR Ø	DIMENSIONS [mm]						
		A	B	C	D	H	L	T
G1/2	70	206,8	SW27	178,7	15,4	163,3	65	17
G3/4	70	211,7	SW32	188,6	21,9	166,7	75,5	19
G1	70	220,1	SW41	197,8	25,1	172,7	90	21

DRAWING 2

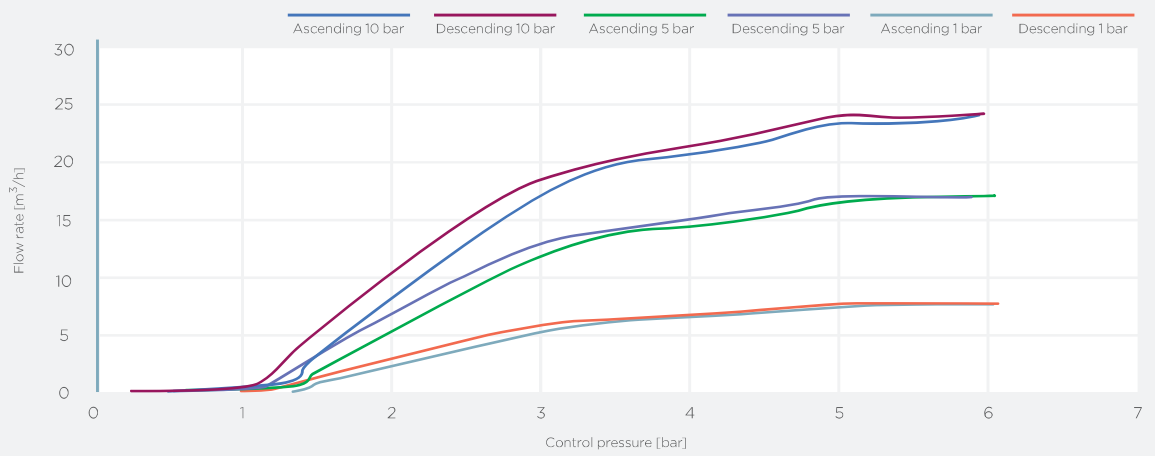


PIPE ISO 228/1	ACTUATOR Ø	DIMENSIONS [mm]						
		A	B	C	D	H	L	T
G1/2	50	190,6	SW27	156	15,4	139,7	65	17
G3/4	50	190,8	SW32	162	21,4	139,8	75	19
G1	50	200,3	SW41	168	25	146,6	90	20,5

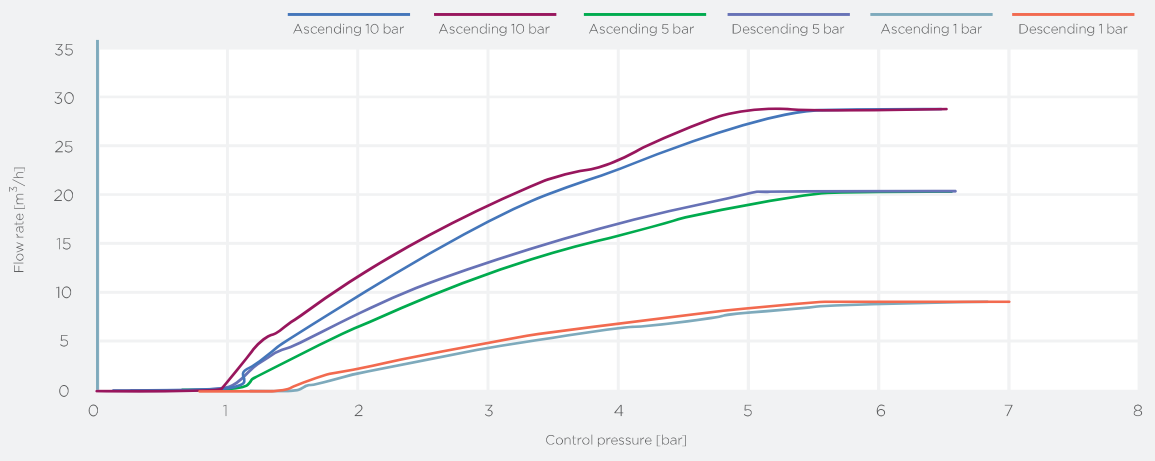
DN15 ACTUATOR 70 mm



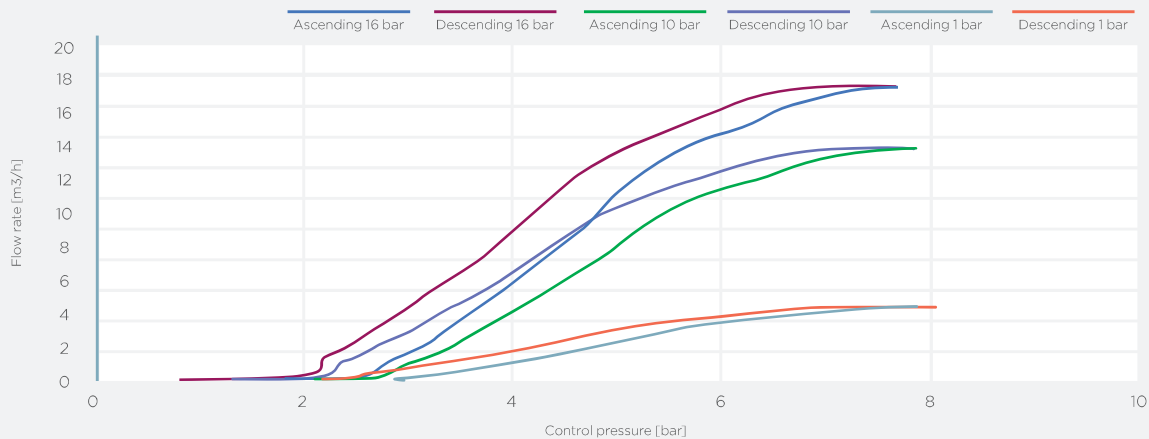
DN20 ACTUATOR 70 mm



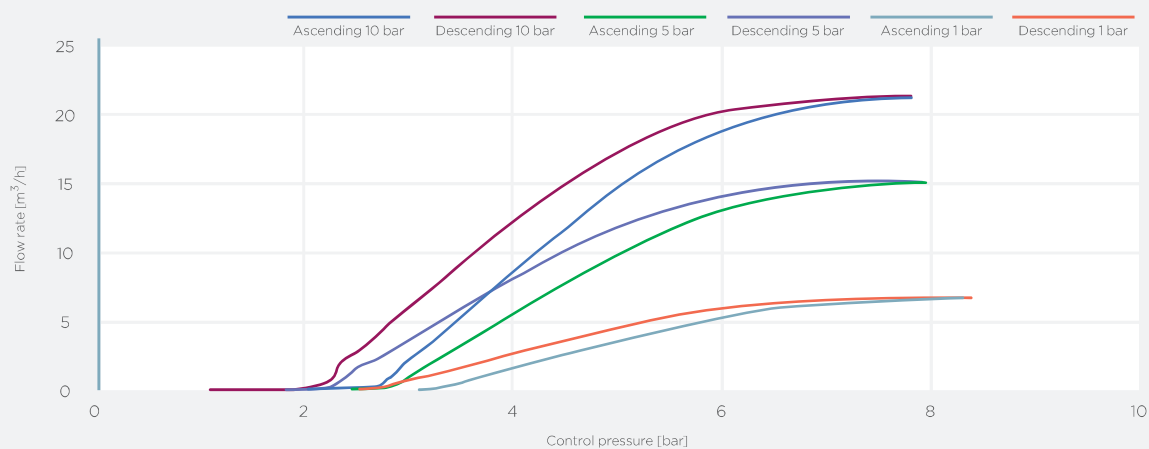
DN25 ACTUATOR 70 mm



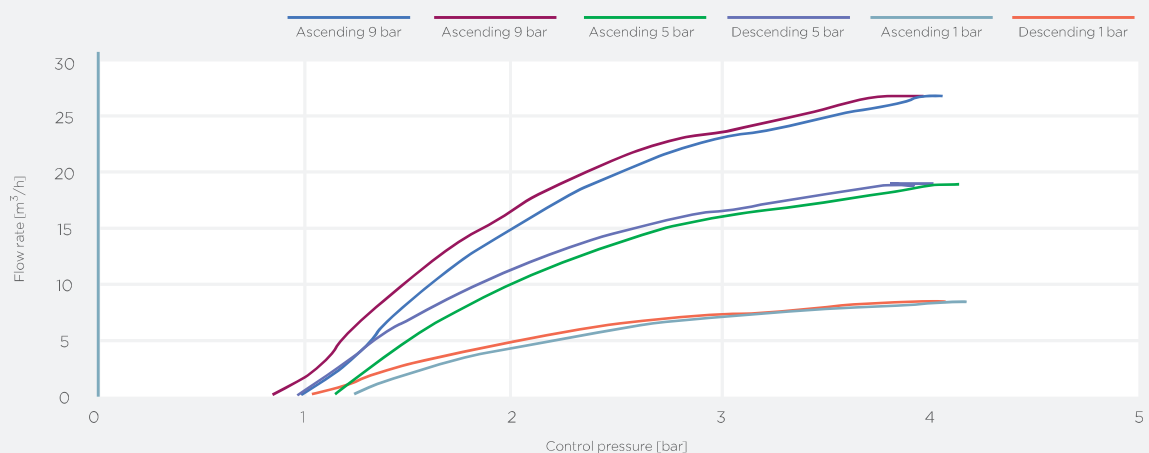
■ For the control of the Proportional flow valve is suggested using a 3/2 way proportional pressure regulator with input signal according to the controller and output signal 0-10 bar and flow capability 100 NI/min.



DN15 ACTUATOR 50 mm



DN20 ACTUATOR 50 mm



DN25 ACTUATOR 50 mm

I 2 II 1 III IA VI 4 V T VI 15 VII G VIII P IX 2 - X

CODIFICATION

I. NUMBER OF WAYS

2 - 2-way

II. NUMBER OF ELEMENTS

1 - 1 element

III. SERIES

IA

IV. PIPE

4 - 1/2"
5 - 3/4"
6 - 1"

V. SEALING MATERIAL

T - PTFE

VI. NOMINAL DIAMETER

15 - DN15
20 - DN20
25 - DN25

VII. THREAD TYPE

G - ISO 228/1

VIII. PILOT FUNCTION

P - Proportional

IX. PILOT THREAD SIZE

1 - G1/8
2 - G1/4

X. OPTIONS

5 - Stainless steel actuator

■ For the control of the Proportional flow valve is suggested using a 3/2 way proportional pressure regulator with input signal according to the controller and output signal 0-10 bar and flow capability 100 NI/min.