

V2001 Valve Series with Type 3321 Valve

samson



Quality at a Reasonable Price

- Valve sizes DN 15 to 100
- According to DIN, ANSI or JIS standards
- Cast iron, spheroidal graphite iron, cast steel or stainless steel
- Insulating section (optional)
- Flow divider ST 1 (optional)
- Integral positioner attachment
- Differential pressure up to 10 bar



SMART IN FLOW CONTROL

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Valve body	DN 15 to 100			
Materials	Cast iron	Spheroidal graphite iron	Cast steel	Stainless steel
Pressure rating	PN 16	PN 25	PN 40 (up to DN 50) PN 16 (DN 65 and larger)	PN 40 (up to DN 50) PN 16 (DN 65 and larger)
Connection	Flanges according to DIN EN 1092-2		Flanges according to DIN EN 1092-1	
Materials	Seat	1.4104 (up to DN 50) 1.4006 (for DN 65 and larger)		
	Plug	1.4401 · 1.4404 ¹⁾		
Leakage class	Soft seal: VI Metal seal: IV			
Characteristic	Inherent			
Rangeability	50:1 with DN 15 to 50 30:1 with DN 65 to 100			
Travel	15 mm (up to K _{VS} 100) 30 mm (for K _{VS} 160)			
Packing	Self-adjusting V-ring packing of PTFE with carbon			
Temperature range	-10 to 220 °C without insulating section -60 to 300 °C with insulating section			

¹⁾ Material double-stamping

K _{vs} and seat diameters																				
DN	15				20		25		32		40		50		65		80		100	
K _{vs}	0.25	0.63	1.6	4	2.5	6.3	4	10	6.3	16	10	25	16	35	40	100	40	100	40	160
K _{vs} -1 ¹⁾	–		1.45	3.6	2.2	5.7	3.6	9	5.7	14.5	9	22	14.5	31	36	90	36	90	36	144
Seat Ø mm	3	6	12		12	24	12	24	24	32	24	38	32	48	48	80	48	80	48	80

¹⁾ With flow divider ST 1

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