

SAMSON

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Quality at a Reasonable Price

V2001 Valve Series with Type 3321 Valve

- Nominal sizes DN 15 to 100
- According to DIN, ANSI or JIS standards
- Cast iron, cast steel or stainless steel
- Insulating section
- Integral positioner attachment
- Differential pressure up to 10 bar



Valve body	DN 15 to 100		
Materials	Cast iron	Cast steel	Stainless steel
Nominal pressure	PN 16	PN 16/25/40	PN 40 (up to DN 50) PN 16 (DN 65 and larger)
Connection	Flanges according to DIN EN 1092-1/-2		
Materials	Seat	1.4305 (up to DN 25) 1.4104 (for DN 32 to DN 50) 1.4006 (for DN 65 and larger)	1.4104 (up to DN 50) 1.4408 (seat machined into valve body, DN 65 and larger)
	Plug	1.4305 (up to DN 50) 1.4404 (for DN 65 and larger)	1.4305 (up to DN 50) 1.4404 (DN 65 and larger)
Leakage class	Soft sealing: VI Metal sealing: IV		
Characteristic	Inherent		
Rangeability	50:1		
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		-10 to 220 °C without insulating section -60 to 300 °C with insulating section (only up to DN 50)

 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
Seat Ø mm	3	6	12		12	24	12	24	24	32	24	38	32	48	48	80	48	80	48	80

* Temperature range -60 to -10 °C only on application of Code AD 2000 W10