1200 series

STÖHR ARMATUREN

On-Off Valve with electric motor or magnetic actuator

General characteristics (identical for all valves of the 1200 series)

Media	N_2, O_2, H_2, Ar, N_2O, CO_2, other media possible; please **always** specify media when placing an order	
Specifications	**Standard design**	**Accessories and modifications**
Housing material:	ss 1.4404 (AISI 316L) or 1.4571 (AISI 316Ti)	other materials possible, please specify
Seal in seat*:	metal/soft seat (PCTFE) leakage $<10^{-6}$ mbar x l/sec.	other plastics, metal to metal, special alloys
Spindle seal**: Sealing to the atmosphere:	with bellow and safety O-ring*** (Viton) with metal seal, leakage: $<10^{-8}$ mbar x l/sec. helium leak test (vacuum method)	other materials (O-Ring) for seal possible, please specify
Connection:	butt welded	other connections possible, please specify
Purity:	free of oil and grease	assembly in clean room; electropolished Ra < 0,4/0,25 µm
Pressure test:	AD 2000-A4	
Certification:		according to EN 10204-3.1 for pressure-bearing parts with media contact
	All 1200-valves are also available in the standard version with an angle or T form.	

*not with filter **not with non-return valve and filter ***with regulating cryovalve UG lip seal (Viton)

electric motor

DN	Seat ø	Standard connection (d,t,l)	Length	Height	Order No.
10	15	12,0 x 1,0 x 25	160	~400	28-1200
15	15	18,0 x 1,5 x 25	160	~400	28-1201
20	25	23,0 x 1,5 x 25	180	~420	28-1202
25	25	28,0 x 1,5 x 25	180	~420	28-1203
*32	36	35,0 x 1,5 x 25	230	~500	28-1204

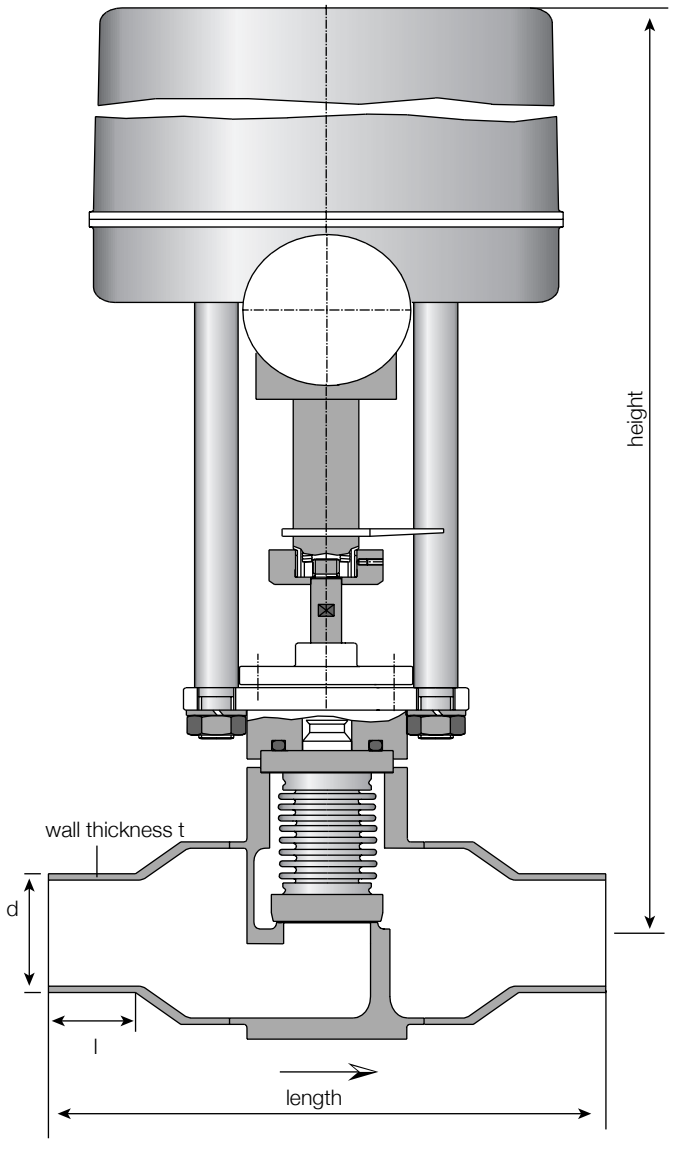
pressure ranges upon request — all length dimensions in mm
*CE marking acc. to PED 97/23/EG

magnetic actuator

DN	Seat ø	Standard connection (d,t,l)	Lenght	Height	Order No.
10	15	12,0 x 1,0 x 25	160	~400	31-1200
15	15	18,0 x 1,5 x 25	160	~400	31-1201
20	25	23,0 x 1,5 x 25	180	~420	31-1202
25	25	28,0 x 1,5 x 25	180	~420	31-1203
*32	36	35,0 x 1,5 x 30	230	~500	31-1204
*40	36	44,5 x 2,0 x 35	230	~550	31-1205
*50	45	54,0 x 2,0 x 50	230	~600	31-1206

pressure ranges upon request — all length dimensions in mm
*CE marking acc. to PED 97/23/EG

Specifications:	
Operating temperature:	-30°C to + 50°C
Electrical drive:	AC. motor respect threephase AC motor 220/230/380, 50/60 Hz, ip 55, with add.manual operation. Also available as cryogenic valve
magnetic actuator:	upon request
Options:	Limit switches Handwheel for emergency operation
Accessories:	Potentiometer Positioner



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