Specification sheet for valve selection

Operating data for selecting the control valve, type: BOA-CVE H

	Point of control	Control task			Potentially explosive atmosphere (zone)	
	Ambient temperature	[°C]	Max.		Min.	
	Max. permissible sound pressure level	[dB(A)]				
	Pipe	-	DN		PN	
	Fluid handled	-				
	State when entering valve	-	Liquid		Steam	
		-	Gas			
Process data			Min.	**Normal**	Max.	
	Volume flow rate (liquid)	[m³/h]				
	Mass flow rate (gas/steam)	[kg/h]				
	Inlet temperature	[°C]				
	Inlet pressure (a) p1	[bar]				
	Outlet pressure (a) p2	[bar]				
	Inlet density	[kg/m³]				
	Kinematic viscosity	[cSt]				
Valve data	**Flow direction**	-	Δp opens		Δp closes	
	Nominal size, nominal pressure	-	DN		PN	
	Line connection/Pattern	-	Straight-way pattern, raised-face flange, type B (DIN 1092-2)			
	Body/bonnet material	-	Nodular cast iron EN-GJS-400-18-LT			
	Characteristic	-	Linear		Equal-percentage	
	Selected flow coefficient	kv_s value				
	Seat/disc diameter	[mm]				
	Packing material	-	PTFE		Graphite	
	Leakage class (DIN EN 60534-4)	-	IV		VI	
Actuator data (electr.)	**Δp closes (actuator selection)**	[bar]				
	Actuator function/Power supply		Continuous 24V or 230V		3-point 24V	3-point 230V[5)]
	Actuating time					-
	Position value		Setpoint	Actual	Actual	
		DC 0-10V				
		DC 2-10V				
		0-20 mA				
		4-20 mA				

The data in bold is mandatory in all RFQs.

5) Actual-position feedback via two integrated limit switches