



Company:

Contact person:

Phone.:

E-Mail:

TAG-No.:

Quantity:

☐ New application

☐ Replacement valve

• Valve specification available?

☐ No

☐ Yes

Details:

• In service since:

• Reason for replacement?

☐ Damages

Details:

☐ Wear

Details:

☐ Control performance/function

Details:

☐ Other

Details:

## Installation site

Indoors	Outside <input type="checkbox"/> with weather protection <input type="checkbox"/> without weather protection	Corrosion-protection class
<input type="checkbox"/> heated room with neutral atmosphere		<input type="checkbox"/> C1
<input type="checkbox"/> unheated room with appearing condensate	<input type="checkbox"/> low air pollution (rural areas)	<input type="checkbox"/> C2
<input type="checkbox"/> room with high humidity and low air pollution	<input type="checkbox"/> cities and industrial areas with moderate air pollution	<input type="checkbox"/> C3
<input type="checkbox"/> areas with permanent condensation and high air pollution	<input type="checkbox"/> industrial areas with high humidity and an aggressive atmosphere (industrial and maritime climates)	<input type="checkbox"/> C4
		<input type="checkbox"/> C5i <input type="checkbox"/> C5m
Special environmental temperature differing -10°C - +50°C <input type="checkbox"/> No <input type="checkbox"/> Yes Temperature range:		
Explosion-proof area <input type="checkbox"/> No <input type="checkbox"/> Yes	Required Ex class?	
Mounting position <input type="checkbox"/> upright (actuator top mounted) <input type="checkbox"/> horizontal (actuator sideways mounted)		

## Control variable

## Standard

☐ Pressure

☐ Flow quantity

☐ Temperature

☐ Level

☐ DIN/EN

☐ ANSI

☐ Other:

☐ Other:

## P&I - Diagram

## Design data

available:

☐ Yes

☐ No

max. pressure (PS):

max. temperature (TS):

## Media data

Medium:

Aggregate condition at valve inlet:

☐ liquid

☐ gaseous

☐ 2-phase flow, flash gas content :

Solids content:

☐ No

☐ Yes

Details on type, size, amount:

Medium data for rare media and mixtures must be indicated:

Vapor pressure (pv):

Viscosity (v):

Density (p):

Critical pressure (pc):

Special substance properties:

☐ toxic

☐ explosive

☐ corrosive

☐ flammable

☐ Other:

## Pipework

Inlet:

DN:

PN/ANSI Class:

Material:

Outlet:

DN:

PN/ANSI Class:

Material:

Insulation:

☐ thermal

☐ acoustic

☐ without

## Operating data

Operating point

Unit of measure:

max.

norm.

min.

Temperature (T):

☐ °C

☐ °F

Flow quantity:

☐ kg/h

☐ m³/h

☐ Other:

Inlet pressure (p1):

☐ bar(g)

☐ bar(a)

Outlet pressure (p2):

☐ psi(g)

☐ psi(a)

☐ Other:

Additional requirements, e.g. in the start-up process, must be provided:



## Final control element

Type:	<input type="checkbox"/> Straight through	<input type="checkbox"/> 3-way mixing valve	<input type="checkbox"/> 3-way diverting valve	<input type="checkbox"/> 3-way mixing valve for diverting service	<input type="checkbox"/> Angle-type
Connection:	<input type="checkbox"/> Flanges:	<input type="checkbox"/> Standard	<input type="checkbox"/> Special drilling:		
	<input type="checkbox"/> Butt weld ends:	<input type="checkbox"/> Standard	<input type="checkbox"/> Special shaping:		
	<input type="checkbox"/> Other:				
Body material:	<input type="checkbox"/> EN-JL1040	<input type="checkbox"/> EN-JS1049	<input type="checkbox"/> 1.0619+N	<input type="checkbox"/> 1.4408	<input type="checkbox"/> 1.4581
	<input type="checkbox"/> SA216WCB	<input type="checkbox"/> SA351CF8M	<input type="checkbox"/> SA217WC6	<input type="checkbox"/> 1.7357	<input type="checkbox"/> Other:
Trim material:	<input type="checkbox"/> 1.4021	<input type="checkbox"/> 1.4571	<input type="checkbox"/> SA276Gr.420	<input type="checkbox"/> SA479Gr.316Ti	<input type="checkbox"/> Other:
Nominal diameter:	DN:	NPS:			
Nominal pressure:	PN:	ANSI Class:			
Flow characteristic:	<input type="checkbox"/> equal percentage	<input type="checkbox"/> linear	<input type="checkbox"/> open/close		
Valve seat:	<input type="checkbox"/> metal	<input type="checkbox"/> metal + hard facing (Stellite)	<input type="checkbox"/> PTFE-soft seal		
Leakage class:	<input type="checkbox"/> IV	<input type="checkbox"/> IV-S1	<input type="checkbox"/> VI	<input type="checkbox"/> Other:	
Stem sealing:	<input type="checkbox"/> PTFE-V-ring-unit	<input type="checkbox"/> EPDM-sealing	<input type="checkbox"/> PTFE-packing		
	<input type="checkbox"/> Pure graphite-packing	<input type="checkbox"/> Stainless steel bellows seal	<input type="checkbox"/> Other:		
max. permitted sound level:	db(A)	<input type="checkbox"/> with insulation	<input type="checkbox"/> without insulation		

## Actuator

Closing pressure:	<input type="checkbox"/> bar:	<input type="checkbox"/> psi:	
<input type="checkbox"/> Electric	<input type="checkbox"/> Pneumatic		<input type="checkbox"/> Other
Voltage:	Available air supply pressure:		
Required operating time: s	Required operating time: s		
Fail-safe action in case of power failure: <input type="checkbox"/> No <input type="checkbox"/> Yes	Operation mode in case of air failure:		
2-way valve	<input type="checkbox"/> closed	<input type="checkbox"/> open	<input type="checkbox"/> hold position
3-way valve	<input type="checkbox"/> Main passage closed (port A)	<input type="checkbox"/> Bypass closed (port B)	<input type="checkbox"/> hold position

## Actuator accessories

Electric accessories	Pneumatic accessories
Control <input type="checkbox"/> 3-point <input type="checkbox"/> analogue: 4 - 20 mA <input type="checkbox"/> analogue: 0 - 10 V <input type="checkbox"/> Other:	Control <input type="checkbox"/> analogue: 4 - 20 mA <input type="checkbox"/> 0,2 - 1,0 bar <input type="checkbox"/> Other:
Feedback <input type="checkbox"/> analogue: 4 - 20 mA <input type="checkbox"/> analogue: 0 - 10 V <input type="checkbox"/> Potentiometer <input type="checkbox"/> Other:	Feedback <input type="checkbox"/> analogue: 4 - 20 mA <input type="checkbox"/> Potentiometer <input type="checkbox"/> Other:
Communication <input type="checkbox"/> HART <input type="checkbox"/> Bus:	Limit switches <input type="checkbox"/> inductive <input type="checkbox"/> mechanical Voltage:
<input type="checkbox"/> Travel switch	<input type="checkbox"/> 3/2-way solenoid valve Voltage:
<input type="checkbox"/> Other:	<input type="checkbox"/> Air set
	<input type="checkbox"/> Top mounted handwheel
	<input type="checkbox"/> Other:

## Test reports and inspection certificates

Test reports	<input type="checkbox"/> Test report acc. to DIN EN 10204-2.2
Inspection certificates	<input type="checkbox"/> Final certificate acc. to DIN EN 10204-3.1
	<input type="checkbox"/> Final certificate acc. to DIN EN 10204-3.2 Inspection company:
	<input type="checkbox"/> Material certificate acc. to DIN EN 10204-3.1
	<input type="checkbox"/> Material certificate acc. to DIN EN 10204-3.2 Inspection company:
	<input type="checkbox"/> Other
Other:	