

ON OFF (SHUTDOWN) VALVE DATA SHEET

Company: Your Company Name / Logo

Doc no: Rev:

Yellow cells: enter data. Grey cells: calculated automatically. Free template from instrumentationblog.in

Document

Project		Revision	
Date		Requisition no	

Specification

No	Parameter	Value	Unit / notes
General			
1	Tag number		
2	Service / function		
3	Line number / size		
4	P&ID number		
5	SIL requirement		
Process conditions			
6	Fluid		
7	Operating pressure / temperature		
8	Design pressure / temperature		
9	Maximum shut off pressure		
10	Flow at normal operation		
Valve			
11	Valve type		
12	Size / rating / end connection		
13	Body / ball or disc material		
14	Seat material		
15	Shut off leakage class		
16	Fire safe / antistatic		
17	Bore (full / reduced)		
Actuator			
18	Actuator type		
19	Fail action		
20	Air supply (minimum / maximum)		
21	Required stroke time (open / close)		
22	Safety factor on torque		
Accessories			
23	Solenoid valve (voltage, Ex)		
24	Limit switches		
25	Partial stroke test device		
26	Volume tank / quick exhaust		
27	Manual override		
Purchase			
28	Manufacturer / model		
29	Quantity		

Size the actuator for the maximum shut off pressure with a safety factor on the valve breakaway torque, and confirm the stroke time with the solenoid and quick exhaust selected.

Prepared by	Checked by	Approved by
Name:	Name:	Name:
Signature:	Signature:	Signature:
Date:	Date:	Date: