Control Valve Data Sheet

Item No. / Qty	1	1
Tag No.	WNO.12858	
Service		

Ref. No.	
Purchaser	
End user	
Project	

<Control valve>

Model	HLS		
Description	Small-Port Single Seated Control Valves		
Body/Port size	3/4 in.	Cv=4.0	
Conn. Size. / Rated CV		4.0	
Rating / Conn. Type	JIS16K	RF	
Body material	SCPH2		
Trim material	SUS316		
Flow characteristic	EQ%		
Bonnet	PLAIN (-17 to 230 degC)		
Actuator / Handle	HA2D	---	
Action	AIR TO CLOSE		
Gland packing / Grease	V-PTFE	---	
Gasket	V543		
Air supply / Spring range	1.4kgf/cm2	0.2-1.0kgf/cm2	
Seat leakage	CLASS IV		
Color: Body/Diaph./Yoke	M5B4/1	M5B4/1	M5B4/1
Paint	Standard		

<Accessories>

Positioner			
Structure			
Input signal			
Regulator			
Regulator2			
Limit switch			
Action			
Solenoid valve			
Action / Power			
Booster			
Air lock valve			

<Process data>

Fluid name/Phase	WATER			LIQUID
	MAX	NOR	MIN	Unit
Flow rate				m3/h
Inlet pressure				kgf/cm2G
Outlet pressure				kgf/cm2G
Differential press.				kgf/cm2
Shut-off press.				kgf/cm2
Temperature	60			degC
Density/Gravity(Liq)				kg/m3
Density/Gravity(G,V)				MW
Viscosity				mPa-s
Flash				%
Calculated CV				
Travel				%
Inlet velocity				m/s
Predictive SPL				dBA

<Remarks>

SV0703-105 Indicating unit : "kgf/cm2"

SV0201-003 Seat leakage: Less than 0.01%CV (Equivalent IEC, JIS Class IV)

SV0503 No actuator mounted

Old Production No : R-5N645-41-010(1998)

<Piping spec.>

Strength Calc. Sheet		
Design		kgf/cm2G
Temp.		degC
Size		
Sch No.		
Thickness		

Azbil Corporation