



Tag Number	Quantity	41-PV-708	1	1
Line No.	Class	41-16"-PL-07430		
Pipe Size mm	Pipe Mat'l	400		ASTM A106 Gr.B
Fluid	Phase			
Flow Rate	Liquid kg/h	MaxFlow	1009760	
	Gas Nm ³ /h	NorFlow	934960	
	STM kg/h	MinFlow	467480	
Inlet Pressure MPa(G)	Outlet Pressure MPa(G)	0.78/0.8/0.78		0.68/0.63/0.43
Max DP for Shut-off	MPa(G)	1.89		
Oper. Temp.	Molecular WT	175		
Oper.Density		731.5		
Oper.Viscosity	Visc Unit	0.2		
CP/CV	Com. Factor			
Vapor PressMpa(a)	Critical Press.Mpa(a)	0.14		3.1
Solid Mass Cont	Mass Vap			
Body Type				
Body Size mm	Trim Size mm	400		
Character	Proc.Conn			
Body/Bonnet Mat'l				
Trim Mat'l	Seat Mat'l	316SS		316SS
Packing Mat'l	Gasket Material			
Cv Sizing Cv	Max. Nor. Min.			
Cv Selected Cv				
Valve Opening	Max. Nor. Min.			
Actuator Type	Spring Range MPa			
Bonnet Type				
Failure Action to	Open/Colse			
Val. Posn. when Sol.	Val. De-energized			
DBA	Leakage Class	85dBA		
Name				
Input Singal	Output Singal			
Explosion Proof	Enclosure Protection			
Air Supply(kPa)	Power Supply	400		
Pneu.Conn.	Eelec.Conn.			
Filter-Regulator W/gauge				
Solenoid Valve	Power Supply			
Position Switch	Hand Wheel			
Manufacturer				
Model				

Note:



			Proj.Doc.No.	Discipline Doc.No.	Rev.	
		LPEC's	413091D1267	50-00/R701		
		Client's				
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1.Accuracy of the flow control loop = 1.0% maximum - linear characteristic required. 2. Maximum time to open and close the valve from 0% to 100% =15 seconds. 3. Intelligent valve controller with embedded lifecycle diagnostics include static and dynamic deviation trend, actuators load trends, valve diamond, real predictive maintenance based lifecycle diagnostic shall be foreseen. 4. Field Device Management software (FDT/DTM technology base) with condition monitoring shall be foreseen 5. Valve datasheet and characteristic curve (cv/opening) to be submitted to AXENS for approval.						