

				CONTROL VALVE			
Calculate Sheet				BODY			
Tag.No		-		Valve type			
Quantity		1		Mode №			
Service				Body Size			
P & IDNº				Ports Size			
Line Material				Rating			
Line Size				Connect			
OPERATION				Port Size			
				108x100			
Fluid Name		Condensate (Water)		Length			
fluid State		Liquid		Travel			
Opera Temp(°C		95-105 Degree C		Leakage Class			
Flow rate Unit		Kg/h		Characteristic			
Max Flow rate				Bonnet Type			
Nor Flow rate		10800		Packing			
Min Flow rate				Valve Cv			
In Press (Bar)		F max		Manufactory			
		F nor 2.5		ACTUATOR			
		F min					
Out Press (Bar)		F max		Type			
		F nor 0.5		Voltage			
		F min		Torque			
Max DP ΔP(Bar)				Communication			
Nor DP ΔP(Bar)		2		Travel			
Min DP ΔP(Bar)				Hand Wheel			
Shut off Press(Bar)		4		Manu Factory			
				CHARACTERISTICS			
Calculate Cv		Max		Q Flow Rate (t/h) CV P1=2.5 Bar P2=0.5 Bar CV=7.64 Travel: 32mm Opening: 80% Travel L (mm)			
		Nor 7.64					
		Min					
Selected Cv							
Opening (%)		Max					
		Nor 81					
		Min					
Material							
Body Material		SA216- WCB					
Trim Material		SS304+Nitriding					
Cage Material		SS305+Nitriding					
Stem Material		SS306+Nitriding					
Packing		Graphite					
Noise Level(dB)		≤80					
Air Fail P		-					
				Check the point, CV=7.64, Opening:81%			
REVISIONS							
CHK							
BT							
DATE							