

CONTROL VALVE DATA-SHEET - INQUIRY



CUSTOMER : _____ REFERENCE : _____

GENERAL	ITEM																			
	TAG NR.																			
	QUANTITY																			
	FUNCTION : (throttling or On-OFF)																			
	PIPING DIAMETER	MATERIAL	SCHEDULE																	

BODY	TYPE																			
	SIZE		ANSI CLASS																	
	END TYPE		FINISH																	
	BODY MATERIAL																			
	GUIDES / BEARINGS MATERIAL																			
TRIM	TYPE																			
	CHARACTERISTIC																			
	LEAKAGE CLASS																			
	PLUG MATERIAL		SEAT MATERIAL																	
	STEM MATERIAL																			
SPECIAL TRIM																				
BONNET	TYPE																			
	PACKING MATERIAL																			
	SPECIAL PACKING																			
	LUBRICATOR																			
ACTUATOR	TYPE : (Pneumatic or Electrical)																			
	SHUT – OFF PRESS																			
	ACTION ON AIR FAILURE : (open / close / last)																			
	MIN. AIR SUPPLY		MAX. AIR SUPPLY																	
	HANDWHEEL																			
TRAVELING LIMIT : (open / close)																				
POSITIONER	TYPE :																			
	ACTION :																			
	CAME CHARACTERISTIC :																			
	INPUT SIGNAL :																			
	COMMUNICATION PROTOCOL :																			
GAUGES : (yes / no)																				
HAZARDOUS LOCATION :																				
ACCESSORIES	SOLENOID :		POWER SUPPLY :																	
	LIMIT SWITCH :		OPENED		CLOSED															
	HAZARDOUS LOCATION :																			
	AIR FILTER : (yes / no)		W/ GAUGE (yes / no)																	
	SPEED LIMIT : OPENING		CLOSING																	

PROCESS DATA	FLUID																				
	STATE : LIQUID - GAS or STEAM																				
	FLOW : MINIMUM		NORMAL		MAXIMUM																
	INLET PRESS : MIN.		NORMAL		MAXIMUM																
	OUTLET PRESS : MIN.		NORMAL		MAXIMUM																
	TEMPERATURE : MIN.		NORMAL		MAXIMUM																
	LIQUID DENSITY or GAS MOL. WEIGHT																				
	LIQ. VAPOR PRESS		LIQ. CRITICAL PRESS																		
	GAS CRITICAL TEMP.		GAS CRITICAL PRESS																		
	MAXIMUM NOISE LEVEL ADMITTED																				
	UNITS : FLOW		PRESS		TEMP.																

Minimum required data :	Minimum required data for capacity calculations (cv)
Specifications & Calculations :	<ul style="list-style-type: none"> State: liquid or gas, Maximum or normal variation. Gases and vapors at standard conditions. Volume or mass Inlet and outlet pressure, or inlet pressure and differential pressure at the valve, Density for liquids or molecular weight for gases or vapors
For noise calculations :	
For cavitation calculations :	