


RTK Control Valve Sizing & Selection Data Form

 REGELTECHNIK KORNWESTHEIM <small>A subsidiary of FICOR International</small>	Project/Job _____	PID Tag# _____
	Unit/Customer _____	MFR Serial# _____
	P.O. / LCO File # _____	

Medium
 Steam
 Water
 Gas _____
 Liquid _____
 Crit Pres PC _____

Service Conditions	Max. Flow	Norm. Flow	Min. Flow	Shut-off Pressure
Flow <input type="checkbox"/> lb/hr <input type="checkbox"/> gpm <input type="checkbox"/> scfh <input type="checkbox"/> _____				
Inlet Pressure <input type="checkbox"/> PSIG <input type="checkbox"/> psia <input type="checkbox"/> _____				
Outlet Pressure <input type="checkbox"/> PSIG <input type="checkbox"/> psia <input type="checkbox"/> _____				
Temperature <input type="checkbox"/> °C <input type="checkbox"/> °F				
Max Press / Temperature _____ / _____				
Density/MW/SG _____ / _____ / _____				
Viscosity _____ cP				
Vapor Pressure <input type="checkbox"/> psia <input type="checkbox"/> _____				
Require Cv _____ Noise (dBA) Allowable _____				

Line Info
 PIPE SIZE IN _____ /SCH _____
 PIPE SIZE OUT _____ /SCH _____

Valve, Body & Bonnet
 Body Size in: 1/2"
 3/4"
 1"
 1-1/2"
 2"
 2-1/2"
 3"
 4"
 6"
 8"
 10"
 12"
 ANSI Class: 150
 300
 600*
 900* (*Only available up to 4")
 Body/Bonnet Material: Cast Steel A216 WCB
 Chrome Moly A217 WC9
 SS A351 CF8M
 End Conn. Inlet/Outlet: RF Flange
 NPT (Up to 2")
 BWE
 Packing Material: PTFE/Graphite
 Pure Graphite
 Bellows Seal
Plug Type
 Parabolic
 Perforated
 V-Port
 On/Off
 Mixing
 Diverting
 Plug Characteristic: Linear
 EQ%
 Hardened
 Soft Sealing

Actuator
 Electric
 Pneumatic
 None
 Other _____

Electric
 Supply Voltage: 24 VDC
 24 VAC
 115 VAC
 230 VAC
 415 VAC
 Stroking Speed Required (0-100%) _____ secs.
Feedback Potentiometer
 100 Ω
 200 Ω
 500 Ω
 1000 Ω
 5000 Ω
Digital Valve Positioner
 Yes
 No
 Input/Output
 At 0% Input
 Valve Closed
 Valve Open
 3-Way Valve Specify Closed Port _____
Emergency Closing Unit
 Yes
 No

Pneumatic
 Spring Action: Air to Open
 Air to Close
 Last Position
 Other _____
 Available Air Supply Pressure:
 Min. _____ Max. _____ PSIG
Manual Override
 Yes
 No
Positioner
 Yes
 No
 Pneu
 E/P
 Digital
 Type _____ Protocol** (Specify Protocol HART/FFB/Profi, etc.)
Solenoid
 Yes
 No
 Type _____ Voltage _____
Switches
 Yes
 No
 Type _____ Amount _____
Air Set
 Yes
 No
 Type _____ Range _____ PSIG

Other Accessories
 Yes
 No
 Description _____