

AVCON CONTROLS PVT. LTD.

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QUOTATION REQUEST FORM FOR CONTROL VALVES SHEET NO. _____ OF _____

CLIENTS NAME : _____

DATE : / / 20

BY _____

GENERAL SPECIFICATIONS	1. DOUBLE SEATED BODIES SHALL BE TOP/BOTTOM SKIRT	GUIDED
	2. SINGLE SEATED BODIES SHALL BE TOP & BOTTOM OR TOP	GUIDED
	3. END CONNECTION AS SPECIFIED BY LINE 12, BODY JOINTS SHALL BE MFR. STD. OR	
	4. FLUID UNITS : LIQUID IN LPM STEAM IN KG / HR	GASES IN M3/HR
OPERATORS	5. PNEUM. SPRING & DIAPHRAGM	SHALL FULL STROKE BAR
	6. OTHER	OP. SUPPLY IS BAR
	7. TAG NO.	
	8.	
BODY	9. BODY SIZE/PORT SIZE (MM)	
	10. FORM	
	11. MATERIAL	
	12. END CONN.	
	13. BONNET	
	14.	
	15. PACKING OR SEAL	
TRIM	16.	
	17.	
	18. MATERIAL	
	19. NO. OF PORTS	
	20. CHARACTERISTICS	
	21. PLUG & SEAT MTL	
ACTION	22.	
	23. CLOSE / OPEN	
	24. FAILURE POSITION	
	25.	
	26. REQUIRED POSITIONER	
ACCESSORIES	27. BY PASS/GAUGES	
	28. FOR INPUT SIGNAL OF	
	29. FILTER & REGULATOR	
	30. HANDWHEEL	
SERVICE CONDITIONS	31. SOLENOID VALVES	
	32. LIMIT/SWITCHES	
	33. FLUID	
	34. QTY. MIN. / MAX.	
	35. QTY NORM AT F.T.	
	36. PRESS MAX IN/OUT	
	37. TEMP. MAX./NORM	
	38. Δ P. MAX / Δ P. SIZING	
	39. VISCOSITY AT F.T.	
	40. CV/KV CALCULATED	
	41 CV/KV RECOMMENDED	
NOTE		

FOR AVCON USE :

SIGNATURE

CONTROL VALVE SPECIFICATION SHEET INSTRUCTIONS:
PREFIX NUMBERS DESIGNATE LINE NUMBER OR CORRESPONDING SPECIFICATION SHEET

1. Write in type of plug guiding, such as top and bottom, top or skirt guided.
3. If special body joint required, specify requirement such as Ring Type Joint, Small Tongue and Groove,
Flat Face, Flanges are supplied in RF, unless otherwise specified.
4. Specify fluid units, i.e. LPM: M3/hr; Kg/hr.
5. For Pneumatic spring and diaphragm state instrument output range such as 0.2 to 2 bar 0.4 to 2 bar, etc. Under other – specify
6. Springless Diaphragm Piston, etc. Advise air pressure available for positioners, boosters, etc.
6. Other - Operators, i.e. electric motor, etc. (give details) Give operating supply such as bar volt, cycles etc
9. Specify nominal body size and port size in MM.
10. Form – if body type other than double seated or single seated, specify such as Saunders Pattern, Butterfly. Ball, Plug valve and give general description.
11. Specify body material such as Bronze, Cast Iron, Cast Steel, S. S. 304, 316 etc
12. Specify end (Line) connections – Screwed, ASA, BS, DIN, ISO, IS, Flange rating ASA unless otherwise specified
13. Specify type of bonnet – standard, radiating fins, plain extension
15. Specify packing required or type of seal, such as T.A., Teflon vee ring, bellows, etc.
18. For additional information/specifications not covered by lines 9 through 15
18. Specify Trim material (Trim generally includes plug, stem, seat ring (s), grease ring and packing follower. Write if any deviation in the note. Manufacturer's standard is stainless steel 304
19. Specify double or single port or Balance Plug Design.
20. Specify plug form; Liner, Equal percentage and whether V-port or Parabolic, etc.
21. Specify plug and seat material, if other than shown in Line 17.
22. For additional specifications not covered by Lines 18 through 21.
23. Specify conditions 'closed' and 'open' (for 3-way valve air to close/open 'B' port)
24. Specify position valve is to take on air, or electric failure.
25. For additional specifications not covered by Lines 23 & 24
26. Specify by Yes or name of Manufacture, if valve positioner is required.
27. Specify by Yes for positioner bypass, for gauges-specify quantity.
28. Specify input signal 0.2 to 1 bar or split range.
29. Write in if individual units or combination type desired, or if to be purchased separately.
30. Specify type of handwheel if required, such as Top or Side mounted, etc. consult manufacturer.
31. Specify solenoid valve required and also one or two limit switches.
32. Specify by Yes or No. or name of manufacturer
33. Show flowing fluid, liquid, gas or steam
34. Give minimum and maximum quantity of fluid valve is required to pass
35. Expected normal flow at flowing temperature
36. Maximum pressure is required for determining maximum body working pressure
37. Show maximum temperature for valve rating and normal optg, Temperature
38. Show maximum Pressure drop and pressure drop at which valve is to be sized
39. Show viscosity at flowing temperature
40. Give Cv/Kv calculated based on FCI/Metric formula
41. Give Cv/Kv which you would like to use.

