



**SPECIFICATION FOR POSITIVE DISPLACEMENT FLOW METER (MECHANICAL/ELECTRO MECHANICAL)
FOR ATF APPLICATION-**

Sr. No.	Required Specification
1	Size 3"
2	Casing : Double or Single with Design pressure 20 Bar
3	Type : Tri Roter/Rotary Piston/Rotary Vane
4	Max Flow Rane: 1000 LPM & operating Range 600 LPM
5	Max operating Pressure : 150 PSI/10Bar
6	Temperature : 40 to 70° C
7	MOC Housing : C.S (ASTM or IS grade) or SS304 with Hard Surface
8	MOC Internals :SS (316/304), Annodised Aluminlum, Nylon, RPTFE, Equivalent
9	Seals : Buna N or Viton
10	Linearity : 0.22% Over range 10:1 to Max flow capacity
11	Repeatability : 0.05%
Technical Specification for counter	
12	Type : Mechanical or Electrical
13	Digits: 5 to 8 Resettable, 8 to 12 Non Resettable
14	Unit : Litres
15	Mounting : On Top of Cover or panel Mount
Technical Specs for Preset Counter	
16	Type : Mechanical or Electrical
17	Digits: 5 to 8 Resettable
18	Mounting : On Top or panel mount
Technical Specs for Mechanical preset Valve	
19	Type : Mechanical /Electro pneumatic/Electrical
20	End Connection : 3"
21	Body : CS
22	Seals: Buna N or Viton
Technical Specs for Strainer Cum Air Eliminator	
23	Design : ASME Sec VIII
24	Body Material :CS or Equivalent
25	Basket Mesh Material ; 304/316
26	Basket Size : 40 or 75 Mesh (200- 300 Microns)
27	Seals : Nuna N or Viton
28	Size 3" ASME B 16.5 # 150 SORF flange
29	End flange material : A105 or IS 2062
30	Design pressure Max : 15 Bar
31	Design Temp ; 70 Deg C
32	Max Flow Range ; 1000 LPM
33	Drain : ¾"
34	Vent : ¾"
35	Flot & Trim Material :SS 304/SS 316
36	Mounting : top of the strainer
Scope of Supply	
37	Commissioning & Installation Firm to Commission & Install the above Flow Meter with accessories at RCD-ET/NKJ/KMA/STA/KOTA
38	Warranty /Guarantee: Two years from the date of Commissioning.


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