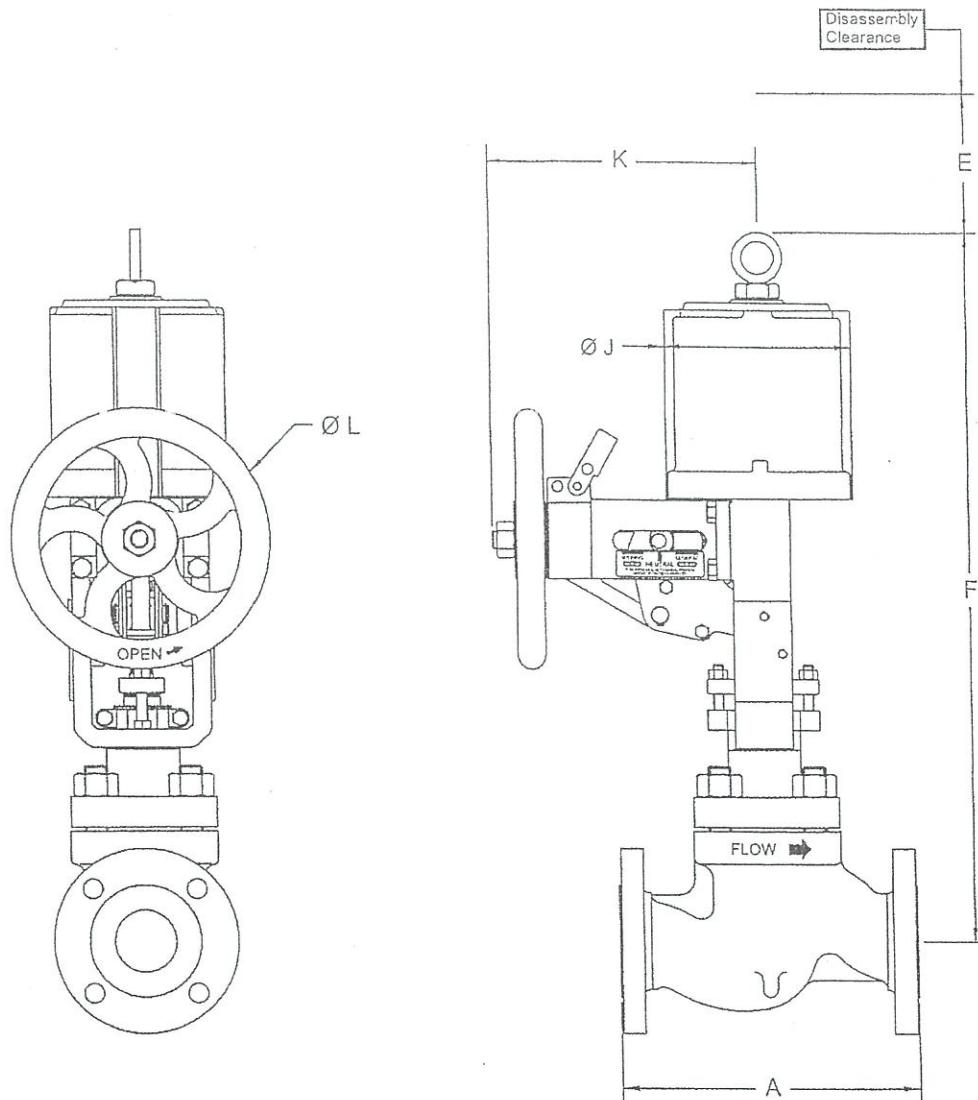


SL NO - 3



Dimensions in m.m.	A ± 3	E	F ± 30	ØJ ± 3	K ± 10	ØL ± 5	Approximate Weight
	197	65	550	165	240	230	30 Kgs.

Accessories and Notes	LIMIT SWITCH : OPEN & CLOSE (Model - SLR4205MR702A)	BODY MATERIAL : ASTM A351 CF8M (316 SS)
	SIDE MOUNTED HANDWHEEL	TRIM MATERIAL : MONEL

MODEL GFLO	TRIM TYPE UNBALANCED	ACTUATOR 25 SQ. INCH	CERTIFIED DIMENSIONAL DRAWING		
SIZE 25 MM	TRIM NO. / CV 0.81 / 11.0	AIR TO CLOSE			
RATING 300 #	TRIM CHARACTERISTIC EQUAL PERCENT	FAIL OPEN	CUSTOMER :	SHEET 1 OF 1	
END CONNECTION, INT. FLANGE	SPRING STANDARD	THIRD ANGLE PROJ.	PROJECT : UCIL Tumalapalle	DRAWING NO. 10055	
FLANGE DRILLING STD.	FLANGE FINISH		TAG NO. : XV-05-3039	REVISION 1	
ANSI B16.5	125-250 Ra	CERTIFIED BY & DATE Paresh / 01.05.10	P. O. NO. : 4540000103	SR. NUMBER	
			CONT. NO. 9/225		

Paresh

Size/Trim: 1" / .81 CV: 11.0
 Body Material: 316 SS (ASTM A351 Gr CF8M)
 End Connection: Integral Flange
 Flange Facing: 125-250 Ra (Std)
 Trim Char.: Equal percent
 Trim Type: Unbalanced
 Seat Ring: Monel
 Plug: Monel
 Seat Retainer: Monel
 Seat Material: Metal (Class IV)
 Bonnet: Standard, SS 316
 Bonnet Flange: SS 316
 Clamps, gld flg: Hdware SS/SS Bolts
 Body Bolting: SS 316

Model: GF10, Globe
 Pressure Class: 300#
 Face To Face: Std-ANSI
 Gaskets: Teflon
 Packing: TFE V-Ring (std)
 Packing Style: Single
 Lower Guide: G.L. Teflon
 Upper Guide: G.L. Teflon

Hand wheel: Side Mounted

Actuator Type: Spring Cylinder
 Air Action: Close
 Flow Direction: Under
 Actuator Size: 25 sq in
 Spring Size: Standard
 Spring Action: Open
 Tubing/Fitting: N/A
 Air Supply: 450.0 (KpaG)
 Signal: None/ On-Off
 Pipe (in/out): 1"/1"
 Schedule (up/dn): 40S /40S

Switch: Proximity - 2 Nos. to indicate open and close
 Air Set: Filter Regulator with Gauge

	Case 1	Case 2	Case 3
Temperature (C):	25.0	25.0	
Upstream (KpaA):	1600.0	1600.0	
Downstream (KpaA):	105.0	105.0	
Gas Flw(1000 Kg/hr):	0.200	0.150	
Pressure drop:	1495.0	1495.0	
Valve vel. Mach#:	0.239	0.180	
Pipe vel. Mach#:	0.218	0.164	
Valve Required Cv:	0.720	0.540	
est. Percent open:	15%	7%	
Total Noise (dBA):	81	79	

Fluid: OXYGEN
 Molecular weight: 31.9
 (Max shutoff drop: 2500.0)
 (Max CV is 11.0)

- Oxygen Cleaning will be Provided.
- Quantity: 12 Nos.

Annexure - 2

T. Singh