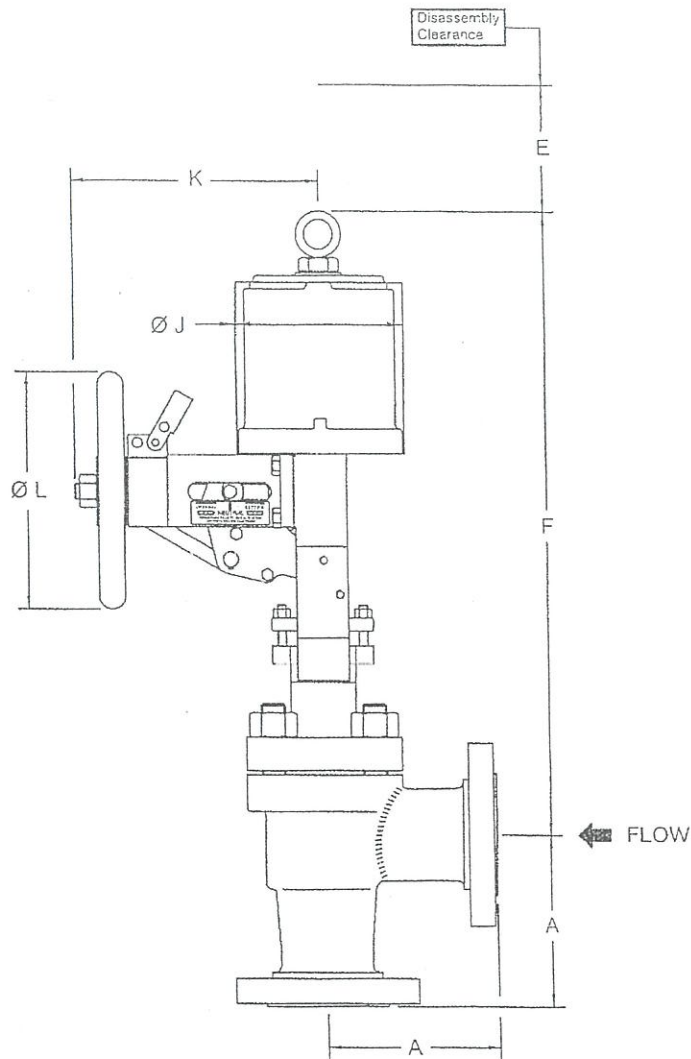


SJ. No - 2 .



Dimensions in m.m.	A ± 3	E	F ± 30	$\varnothing J \pm 3$	K ± 10	$\varnothing L \pm 5$	Approximate Weight
	121	105	545	165	240	230	40 Kgs.

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

MODEL	TRIM TYPE	ACTUATOR	CERTIFIED DIMENSIONAL DRAWING		
GFLO (Angle)	UNBALANCED	25 SQ. INCH			
SIZE	TRIM NO. / CV	AIR TO	CUSTOMER :	SHEET	
40 M M	1.25 / 32.0	OPEN		1 OF 1	
RATING	TRIM CHARACTERISTIC	FAIL	PROJECT : UCIL Tumulapalle	DRAWING NO.	
300 #	EQUAL PERCENT	CLOSE		10035	
END CONNECTION.	SPRING	THIRD ANGLE PROJ.	TAG NO. : XV-05-3060	REVISION	
INT. FLANGE	STANDARD			1	
FLANGE DRILLING STD.	FLANGE FINISH		P. O. NO. : 4540000103	CONT. NO.	
ANSI B16.5	125-250 Ra			9/225	
		CERTIFIED BY & DATE Paresh / 01.05.10		SR. NUMBER	

T. Paresh

Model: GFlo, Globe
 Size/Trim: 1.5" / 1.25 CV: 32.0 Body Style: Angle
 Body Material: 316 SS (ASTM A351 Gr CF8M) Pressure Class: 300#
 End Connection: Integral flange
 Flange Facing: 125-250 Ra (Std)
 Trim Char.: Equal percent
 Trim Type: Unbalanced
 Seat Ring: Hexoloy SA
 Plug: Hexoloy SA
 Seat Retainer: Hexoloy SA
 Seat Material: Silicon Carbide (Class IV)
 Gaskets: Teflon
 Packing: TFE V-Ring (std)
 Packing Style: Single
 Lower Guide: G.L. Teflon
 Upper Guide: G.L. Teflon

Bonnet: Standard, SS 316
 Bonnet Flange: SS 316
 Clamps, gld flg: Hdware SS/SS Bolts
 Body Bolting: SS 316
 Actuator Type: Spring Cylinder
 Air Action: Open
 Flow Direction: Over
 Actuator Size: 25 sq in
 Spring Size: Standard
 Spring Action: Close

Hand wheel: Side Mounted

Tubing/Fitting: N/A
 Air Supply: 450.0 (KpaG)
 Signal: None/ On-Off

Switch: Proximity - 2 Nos. to indicate Open and Close
 Pipe (in/out): 1.5"/1.5"

Schedule(up/dn): 40S /40S

Air Set: Filter Regulator with Gauge

	-----Case 1-----	Case 2-----	Case 3-----	
Temperature (C):	80.0	80.0		Fluid: OXYGEN
Upstream (KpaA):	1700.0	1600.0		Molecular weight: 31.9
Downstream (KpaA):	1550.0	1004.0		
Gas Flow(1000 SCMH):	0.384	0.192		
Pressure drop:	150.0	596.0		(Max shutoff drop: 1800.0)
Valve vel. Mach#:	0.021	0.016		
Pipe vel. Mach#:	0.018	0.014		
Valve Required Cv:	3.76	1.13		(Max CV is 32.0)
est. Percent open:	35%	4%		
Total Noise (dBA):	<70	70		

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

Annexure-2

T. P. S.