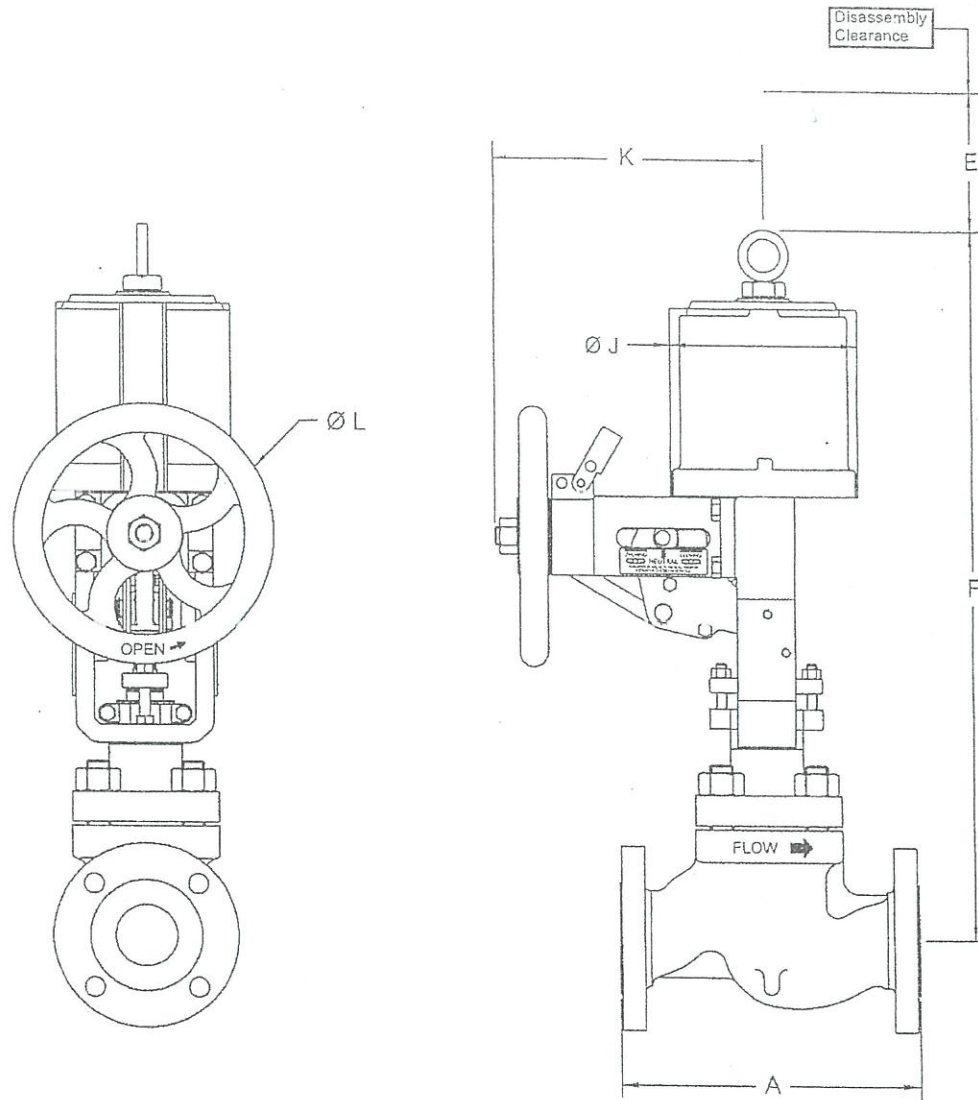


Sl. No-1



Dimensions
in m.m.

A ⁺³	E	F ⁺³⁰	ØJ ⁺³	K ⁺¹⁰	ØL ^{±5}	Approximate Weight
235	105	585	165	240	230	37 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 40 MM	TRIM NO. / CV 1.25 / 32.0	AIR TO OPEN	CUSTOMER	SHEET 1 OF 1	
RATING 300 #	TRIM CHARACTERISTIC EQUAL PERCENT	FAIL CLOSE	PROJECT : UCIL Tumalapalle	DRAWING NO. 10039	
END CONNECTION, INT. FLANGE	SPRING STANDARD	THIRD ANGLE PROJ.	TAG NO. : XV-05-3017	REVISION 1	
FLANGE DRILLING STD. ANSI B16.5	FLANGE FINISH 125-250 Ra		P. O. NO. : 4540000103	CONT. NO. 9/225	
				SR. NUMBER	

T. B. B.

Size/Trim: 1.5" / 1.25 CV: 32.0
 Body Material: 316 SS (ASTM A351 Gr CF8M) Pressure Class: 300#
 End Connection: Integral Flange Face To Face: Std-ANSI
 Flange Facing: 125-250 Ra (Std)
 Trim Char.: Equal percent Gaskets: Teflon
 Trim Type: Unbalanced Packing: TFE V-Ring (std)
 Seat Ring: Monel Packing Style: Single
 Plug: Monel Lower Guide: G.L. Teflon
 Seat Retainer: Monel Upper Guide: G.L. Teflon
 Seat Material: Metal (Class IV)

Bonnet: Standard SS 316
 Bonnet Flange: SS 316
 Clamps, gld flg: Hdware SS/SS Bolts
 Body Bolting: SS 316

Hand wheel: Side Mounted

Actuator Type: Spring Cylinder
 Air Action: Open
 Flow Direction: Over
 Actuator Size: 25 sq in
 Spring Size: Standard
 Spring Action: Close
 Tubing/Fitting: NA
 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):	25.0	25.0	
Upstream (KpaA):	1600.0	1600.0	
Downstream (KpaA):	1100.0	1100.0	
Gas Flw(1000 Kg/hr):	0.400	3.00	
Pressure drop:	500.0	500.0	
Valve vel. Mach#:	0.020	0.153	
Pipe vel. Mach#:	0.018	0.133	
Valve Required Cv:	1.68	12.6	
est. Percent open:	15%	67%	
Total Noise (dBA):	71	84	
			Fluid: OXYGEN
			Molecular weight: 31.9
			(Max shutoff drop: 2500.0)
			(Max CV is 32.0)

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

Annexure - 2

T. Chetty