

# SPECIFICATION

1	BODY	
1-1	TYPE OF BODY	
1-2	BODY SIZE	
1-3	PORT SIZE	
1-4	GUIDING TYPE	
1-5	NO. OF PORT	SINGLE
1-6	END CONNECTION & RATING	
1-7	BONNET TYPE	STD
1-8	TRIM FORM(CHARACTERISTIC)	EQ%
1-9	FACE TO FACE DIMENSION	
1-10	BODY MATERIAL	
1-11	PLUG(BALL/DISC)MATERIAL	
1-12	TRIM MATERIAL SEAT	
1-13	PACKING MATERIAL	
1-14	BOLTS & NUTS MATERIAL	STD
1-15	MAX. ALLOW. SOUND LEVEL (dBA)	80
1-16	REQUIRED SEAT TIGHTNESS	CLASS IV
1-17	EMISSION TEST	
1-18	SIZED VALVE OPENING	30-70%
2	ACTUATOR	
2-1	TYPE OF ACTUATOR	DIAPHRAGM
2-2	ACTUATOR SIZE	BY VENDOR
2-3	FLOW ACTION TO	AIR TO OPEN
2-4	FAILURE POSITION	
2-5	HANDWHEEL & LOCATION	WITHOUT
2-6	FULL OPEN TO CLOSE STROKE TIME	<5 SEC
2-7	AIR SUPPLY PRESSURE(KG/CM2G)	4 KG/CM2
3	CERTIFICATION	
3-1	ENCLOSURE CLASS	IP65
3-2	EXPLOSION PROTECTION	CLASS 1 DIV 1 GROUP B,C,D
3-3	ENCLOSURE CERTIFICATE	
3-4	EXPLOSION PROOF CERTIFICATE	FM APPROVE
3-5	EMI/RFI PROTECTION	WITHOUT
4	ACCESSORIES	
4-1	AIR CONNECTION	NPT 1/4"
4-2	ELECTRICAL CONDUIT	NPT 1/2"
4-3	FILTER & REGULATOR MATERIAL	BY VENDOR
4-4	GAUGE MATERIAL	304 S.S
4-5	AIR TUBE & FITTING MATERIAL	316 S.S
4-6	POSITIONER	
4-7	INPUT SIGNAL	4-20mA
4-8	LIMIT SW. FOR OPEN,CLOSE	N/A
4-9	LIMIT SW. RATING/FORM	N/A
4-10	SOLENOID VALVE TYPE	N/A
4-11	SOLENOID VALVE CONSUMPTION	N/A
4-12	SOLENOID VALVE MATERIAL	N/A
4-13	SOLENOID VOLTAGE RATING	N/A
4-14	STAMP TAG NO. NAME PLATE	
5	SERVICE CONDITION	
5-1	FLUID / PHASE	
5-2	MAX. / NOR. FLOW	

5-3	MAX. / NOR. TEMP.(°C)	
5-4	MAX. / NOR. INLET PRESS	/ KG/CM2
5-5	DIFF. PRESS. (KG/CM2)	KG/CM2
5-6	MAX. SHUTOFF PRESSURE	KG/CM2
5-7	VISCOSITY @CP.	
5-8	SP. GR. @OP.	KG/NM3
5-9	MOL. WT.	
5-10	CALCULATED CV	
5-11	VALVE CV	BY VENDOR
6	STANDARD	
6-1	SPECIFICATION(DESIGN CODE)	
6-2	INSPECTION & TEST	BY VENDOR
6-3	VOC	
7	APPROVAL DRAWING	AFTER ORDER 2 WEEKS
8	PAINTING	
9	GUARANTEEING	1 YEARS
10	SHIPMENT PROTECTION	YES
11	OTHERS	

**PLEASE OFFER THE DATA FROM YELLOW MARK**

**WE NEED PROCESS DATA FOR SIZING CV VALUE  
AND SELECT THE FITTING VALVE**