

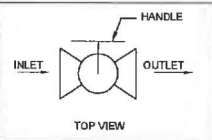
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PARTS LIST

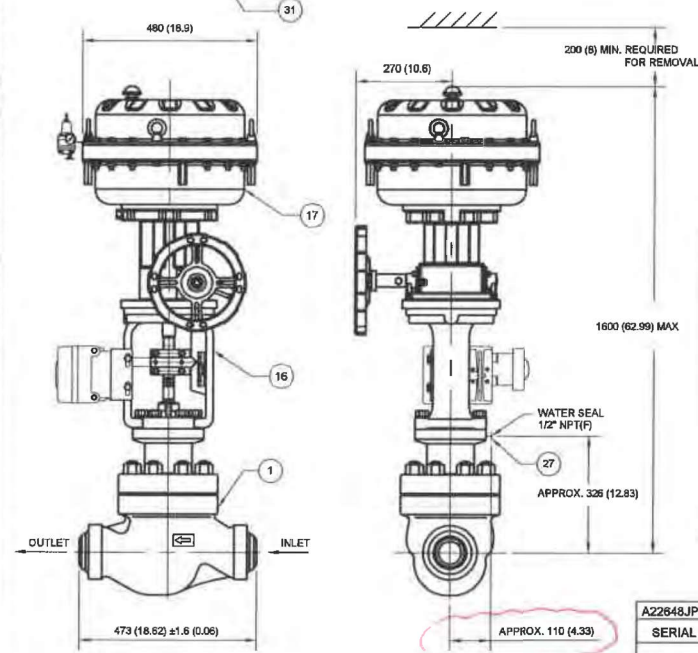
NO	NAME	MATERIAL	QTY	REMARKS
1	BODY	A217 WC6	1	
2	BONNET	A217 WC6	1	or A182 F11 CL2
3	SEAT	316 SS	1	
4	PLUG	316 SS	1	
5	BALANCE CYLINDER	A182 F11 CL2	1	
6	CAGE	316 SS	1	
7	STEM	316 SS	1	
8	BALANCE SEAL	316 SS+TEFLON	1	
9	GASKET	304+GRAPHITE	2	
10	GASKET	304+GRAPHITE	1	
11	BONNET STUD	A193-B7	12	
12	HEX NUT	A194-2H	12	
13	PACKING SET	V-PTFE	2 SET	
14	PACKING SPACER	316 SS	1	
15	PACKING GLAND	316 SS	1	
16	YOKO	CARBON STEEL	1	
17	ACTUATOR	CCIMSD III	1	
18	TUBING	300 SERIES SS	A/R	
19	FITTING	300 SERIES SS	A/R	
20	FILTER REGULATOR	NDRGREN	1	B73G Series
21	POSITIONER	FISHER	1	DVC 6200 HC
22	VOLUME BOOSTER	Y.T.C.	1	YT-300 Series
23	N/R			
24	N/R			
25	LIMIT SWITCH	Honeywell	2	GLA Series (OP & CL)
26	POSITION TRANSMITTER	FISHER	1	INTEGRAL TO POSITIONER
27	ADAPTOR	316 SS	1	1/4" NPT (M) - 1/2" NPT (F)
28	LANTERN RING	316 SS	1	
29	N/R			
30	NAME PLATE	316 SS	1	
31	WIRING TAG PLATE	316 SS	1	

MAIN ELEMENT	
PRESS. CLASS	300 ASME
DESIGN PRESS./DESIGN TEMP.	5.05 MPAG / 70°C
MAX. PRESS. AT 100°F	51.7 BARG (5.17 MPAG)
NUCLEAR CLASS	-
HYDROTEST PRESSURE	7.8 BARG (7.8 MPAG)
MAX. Cv AT 100% STROKE	90
MAX. SEAT LEAKAGE	1.46 CC/MIN @ 5.05 MPAG (50.5 BARG)
BONNET FLG. NUT TORQUE	207-229 N·M
OPERATOR	
TYPE	PNEUMATIC-DIAPHRAGM
SUPPLY	0.5-0.8 MPAG
SIGNAL	IN 4 ~ 20 mA HART OUT 4 ~ 20 mA
INCREASING SIGNAL	CLOSES ELEMENT
SHAFT	EXTENDS TO CLOSE ELEMENT
FAILURE POSITION / MECHANISM	OPEN / SPRINGS
NOMINAL STROKE	70 MM
STROKE TIME (SEC)	< 15 SEC OPEN < 15 SEC CLOSE
VALVE AND OPERATOR WEIGHT	420 KGS APPROX.

- NOTES:
1. VALVE ORIENTATION TO BE STEM VERTICAL WITH ACTUATOR UP.
 2. MODEL NO. 640H
 3. ALL DIMENSIONS WITHOUT STATED TOLERANCES ARE FOR REFERENCE ONLY.
 4. SEAT LEAKAGE PER ANSI/FCI 70.2 CLASS V.
 5. ALL DIMENSIONS ARE IN MM. EXCEPT () ARE IN INCHES.
 6. STANDARD CCI TAGGING ONLY.
 7. REMOVE VALVE INTERNALS PRIOR TO POST WELD HEAT TREAT.
 8. FISHER POSITIONER HAVE PRESSURE GAUGE.

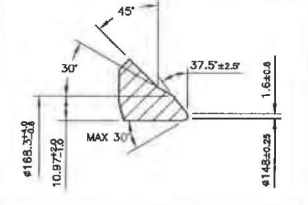


TAG: 50MAN51AA201
 6 X 6, GLOBE, 300 ASME
 S/N: A22648JP-04-01



INLET CONNECTION OD 188.3 x ID 148

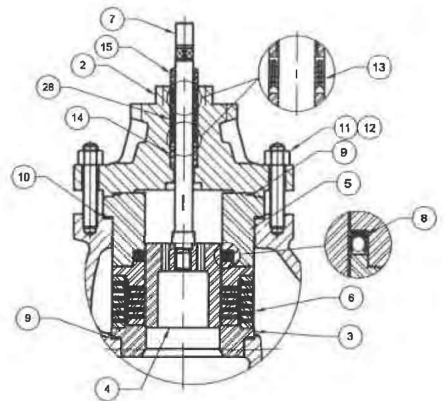
OUTLET CONNECTION OD 188.3 x ID 148



SAME AS INLET

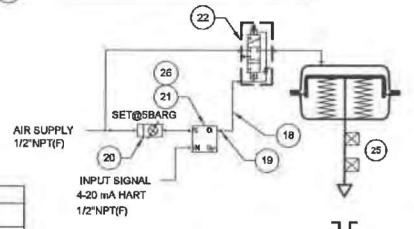
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LTR.	DESCRIPTIONS	DATE	APPROV.
-	RELEASED	16MAR18	ID KIM
A	CHANGED Cv (WAS 145, IS 90), Cv CURVE (WAS LINEAR), PACKAGE Q'TY (WAS 1, IS 2) & END CONNECTION; ADDED TOP VIEW, WATER SEAL (1/2" NPT(F)), ADAPTOR (ITEM 27) & LANTERN RING (ITEM 28)	14MAY18	ID KIM
B	CHANGED ACTUATOR FAILURE MODE (WAS CLOSE, IS OPEN) & SCHEMATIC DRAWING	19JUN18	ID KIM
C	ADDED DIMENSION FROM CENTER LINE OF VALVE INLET TO CENTER LINE OF WATER SEAL CONNECTION, NOTE 8 FOR PRESSURE GAUGE, NAME PLATE AND WIRING TAG PLATE (ITEM 30 & 31)	16JUL18	CH PAK
D	ADDED DISTANCE FROM VALVE CENTER LINE TO END OF WATER SEAL ADAPTOR (ITEM 27)	25OCT18	CH PAK

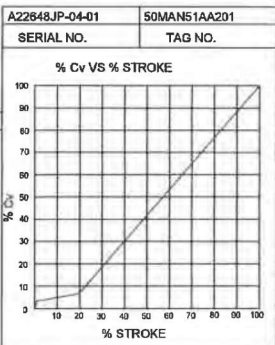


BODY SECTIONAL VIEW

MODEL	640H
TAG NO.	50MAN51AA201
SIZE (Body/Flange)	6" / 6"
RATING/CLASS	ASME 300
STROKES	70
Cv / CHAR.	90 / MOD. B2
FLOW DIRECTION	UP / DOWN
BODY MAT'L	A217 WC6
TRIM MAT'L	316 SS
PACKING MAT'L	V-PTFE
SIGNAL	4-20 mA DC
ACTUATOR	MSD-III 4800A
FAIL. MODE	OPEN
SPRING BG	0.5-2.5 kg/cm ²
SUPPLY	0.5-0.8 MPAG
SIGNAL NO.	A22648JP-04-01
WELD DATA	



SCHEMATIC DRAWING



CERTIFICATION	
CUSTOMER	MITSUBISHI HITACHI POWER SYSTEMS KURE
P.O.	
PROJECT	TANJUNG JATI B EXPANTION (JAWA-4)
CONTRACT NO.	CCI 140 (Donggong 2nd, Munan-rip, Pa-jed Gyeonggi-do, Korea, 10816)
<p>CCI</p> <p>GLOBE VALVE</p> <p>6 X 6, GLOBE, 300 ASME HP Bypass Alltemporator Control Valve</p>	
PREP	MJ CHOI 17MAR2018
CHK	BH LEE 17MAR2018
REVM	CH PANG 16MAR2018
APVD	ID KIM 16MAR2018
SIZE	DRAWING NUMBER
D	A22648JP-04-01
PLOT SCALE: NONE SHEET 1 OF 1	

