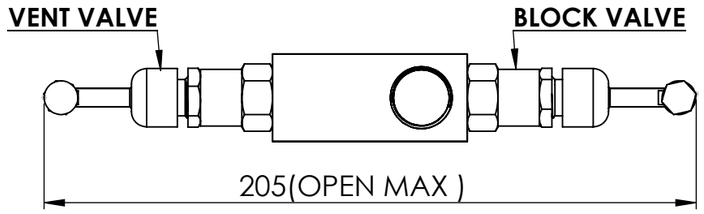

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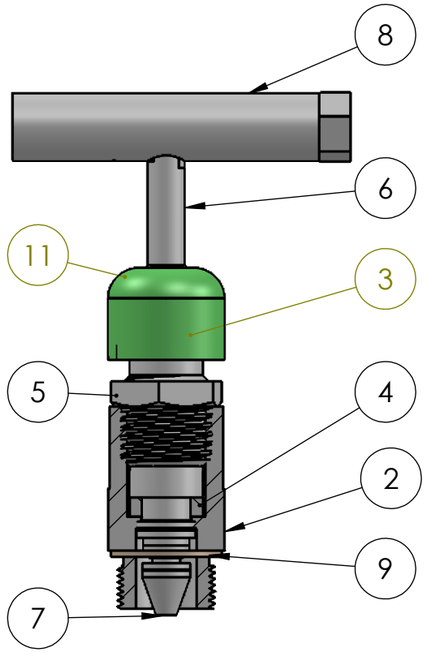
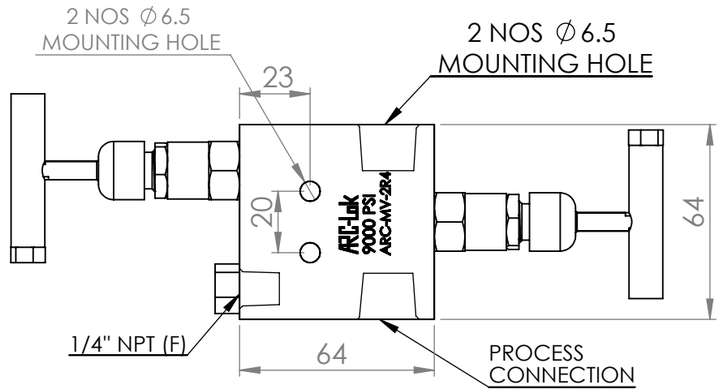




PLAN

PART NO.	PART DESCRIPTION	MATERIAL	QTY.
1	BODY	SS 316	1
2	GLAND BODY	SS 316	1
3	GLAND RETAINER	SS 304	1
4	GLAND SEAL	P.T.F.E.	2
5	CHECK NUT	SS 304	1
6	SPINDLE	SS316	1
7	TRIM	SS 316	1
8	HANDLE	SS 304	1
9	WASHER	SS 316	1
10	LOCK PIN	SS 304	1
11	DUST CAP	P.V.C.	1

ARC-LOK 5 VALVE MANIFOLD REMOTE MOUNT CONNECTION DESIGN FOR CONNECTING SYSTEM IMPULSE LINES & TRANSMITTERS. THIS MANIFOLD CONSISTS TO 1/2" NPT FEMALE CONNECTIONS ON 54MM. (2-1/8") CENTERS AND OF TWO EQUILIZER VALVE , TWO BLOCK VALVE & ONE VENT VALVE

FEATURES

316 S.S. BODY CONSTRUCTION FOR SUPERIOR CORROSION RESISTANCE. NON ROTATING VEE TIP PREVENTS GALLING & PROMOTES REPETITIVE SHUT-OFF OPTIONAL GRAPHOIL PACKING MATERIAL IS AVAILABLE FOR HIGH TEMP. RATING 1000deg(F) @ 6000PSI

TESTING :

PENUMATIC TEST :- EACH VALVE IS TESTED WITH NITROGEN AT 100 PSI IN ACCORDANCE WITH MSS-SP-61 FOR SEAT & PACKING LEAKAGE

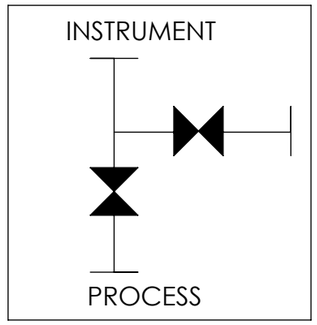
HYDRO TEST :- PERFORMED WITH PURE WATER IN ACCORDANCE WITH MSS-SP-61.BODY TESTED AT 1.5 TIMES & SEAT LEAKEG TESTED AT 1.1 TIMES OF THE WORKING PRESSURE.

DESIGN STANDARD :-

PRESSURE & TEMPERATURE RATING ARE SELECTED FROM ANSI B 16.34 STANDARDS CLASS VALVAS BASED ON ANSI B16 CLASS 2500 OPTIONAL SOUR GAS SERVICE CONFIRMS TO NACE STD. MR-01-75

TECHNICAL DATA					
Seat	Pr. Rot	Temp. Rat		Cv	Orifice
METAL SEAT	6000 PSI (41300 kpa)	PTFE - 20 TO 250deg(F) (-29 TO 121deg(C)	GRAF OIL -20 TO 600deg(F) (-29 TO 315deg(C)	0.52 MAX.	4.8MM

NOTE :- 1) DIMENSION ARE IN MM.FOR REFERENCE ONLY SUBJECT TO CHANGE.



SCHEMATIC

REV: 00		TITLE	**2 VALVE MANIFOLD(PIPE TO PIPE)**
DATE :	**30/07/16**	PART NO:	**ARC-MV-2R4**
DRG BY :	**D.B.PATEL**		
APPROVED :	**R.B YADAV**		
DATE :	**30/07/16**		

ARC-Lok **ARCELLOR CONTROLS (INDIA)**