

SANGAN SANAT CO.

FIVE VALVE MANIFOLD



FEATURES

• 2 isolate, 1 equalize & 2 vent valves (plugged vent provided)

Direct Mounting



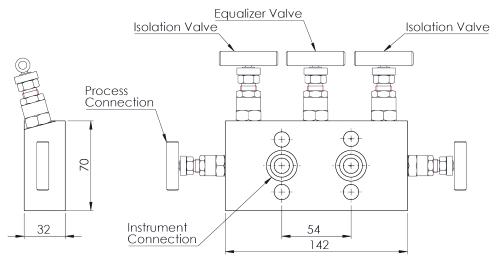
APPLICATIONS

- Isolation & venting of gauges, switches & transmitters
- · High pressure line shut off
- Liquid & gas services

STANDARD SPECIFICATIONS

Mounting	:	Direct
Wetted parts	:	AISI 316 SS
Instrument connection	:	Flanged
Stem packing	:	PTFE
Process connection	:	½" NPT (F) x 2 Nos
Stem	:	Conical metal tip
Max. working pressure	:	6000 psi
Max. working temperature	:	240°C
"T" bar handle	:	AISI 316 SS
Drain port	:	1/4" NPT (F) x 2 Nos, plugged
Weight	:	~2792 g

DIMENSIONAL DRAWING



All dimensions are in mm.

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FIVE VALVE MANIFOLD



SANGAN SANAT CO.

ORDERING CODES 1. MOUNTING

DR	Direct	DR

2. WETTED PARTS

MB	Carbon Steel / ASTM A105	
MC	AISI 304 SS	
MF	AISI 316 SS	MF
MG	AISI 316L SS	
MM	Monel	
MO	Hastelloy C-276	

3. INSTRUMENT CONNECTION

11N	1/8" NPT (M)	12N	1/4" NPT (M)	
13N	3/8" NPT (M)	14N	1/2" NPT (M)	
11B	1/8" BSP (M)	12B	1/4" BSP (M)	
13B	3/8" BSP (M)	14B	1/2" BSP (M)	
01N	1/8" NPT (F)	02N	1/4" NPT (F)	
03N	3/8" NPT (F)	04N	1/2" NPT (F)	04N
01B	1/8" BSP (F)	02B	1/4" BSP (F)	
03B	3/8" BSP (F)	04B	1/2" BSP (F)	

4. STEM PACKING

ME	PTFE	ME
MA	Grafoil	

5. PROCESS CONNECTION

11N	1/8" NPT (M)	12N ½	4" NPT (M)	
13N	3/8" NPT (M)	14N ½	(2" NPT (M)	
11B	1/8" BSP (M)	12B ½	4" BSP (M)	
13B	3/8" BSP (M)	14B ½	2" BSP (M)	
01N	1/8" NPT (F)	02N ½	4" NPT (F)	
03N	3/8" NPT (F)	04N ½	(2" NPT (F)	04N
01B	1/8" BSP (F)	02B ½	4" BSP (F)	
03B	3/8" BSP (F)	04B ½	2" BSP (F)	

6. OTHER OPTIONS

TN	NACE standards			
TO	Use for Oxygen service			
TH	Hydro test certificate			
TC	Material test certificate			
XL				

Ordering Example: M5H-DR-MF-04N-ME-04N-XL

STANDARD EXECUTION			
PACKING MATERIAL	PRESSURE VS TEMPERATURE		
PTFE (High Pressure)	690 bar at 38°C	10.000 psi at 100 °F	
PTFE	420 bar at 38 °C	3000 psi at 100 °F	
	276 bar at 204 °C	4000 psi at 400 °F	
Graphite	420 bar at 38 °C	6000 psi at 100 °F	
	209 bar at 538 °C	3000 psi at 1000 °F	
	1		

NOTE

Other connections are available, please contact factory for details.

02/02

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