



# 'BM-BN' Series-3 WAY Multi Inlet VALVES

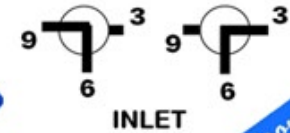
**BM**  
**BN**

**MULTI Inlet**  
**6,000 psi [Pn 414] Rated**

**3**  
**Way**

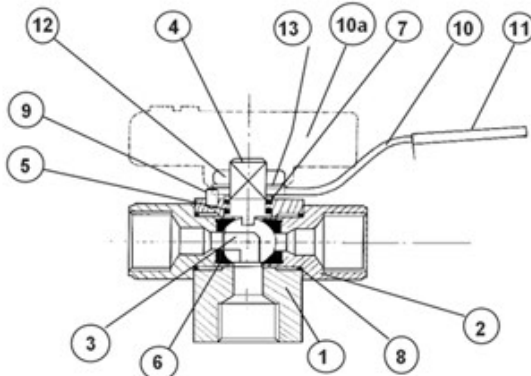
### DESIGN FEATURES

- \* Robust HIGH pressure design
- \* MULTI Inlet Design for Max Pressure differential across the ports
- \* Internally loaded Blow-out proof stem
- \* Floating ball and Seats - positive shut-off
- \* Flow diversion - Side Entry
- \* Divert & Isolate - Bottom Entry
- \* Low operating torque
- \* Flexible 3 piece design
- \* 316 ss to NACE Specification
- \* Wide range of end connections
- \* Replaceable seats & seals
- \* Ease of maintenance
- \* Full material traceability
- \* Panel Mounting Option
- \* Can be easily actuated
- \* Locking Kit available



Side Entry - Flow Diversion

## MATERIALS of CONSTRUCTION - 316 Stainless Steel



ITEM	COMPONENT	MATERIAL
1	BODY	316 S 11 *
2	END CONNECTORS	316 S 11 *
3	BALL	316 S 11 *
4	STEM	316 S 11 *
5	STEM SEAL	RTFE
6	SEAT	PVDF
7	TOP SEAL	RTFE
8	BODY SEAL	PTFE
9	PIN	STAINLESS STEEL
10	LEVER HANDLE	STAINLESS STEEL
10a	POINTER HANDLE	MAZAK 3
11	HANDLE SLEEVE	PVC
12	NUT	A4 ss
13	WASHER	A4 ss
14	SPACER	316 SS
15	SEAT ENERGISER	VITON

**Sample Part Number BMSP0615NFS**

1/2" NPT 316 St. St.Side Entry Multi Inlet 3 way Ball Valve 6mm Bore - 6,000 psi/Pn 414 Rated Lever handle.

VALVE PART NUMBER and ORDERING TABLE						
Valve Series	Bore	Size	Threads	* Material	Handle	Options
<b>SIDE ENTRY</b> BMSP 6,000 psi/Pn414 BMIP	06	08 - 1/4"	NF - NPT Female PF - BSPP Female TF - BSPT Female	D - 31803 Duplex H - Hasteloy I - Incoloy J - 6MO M - Monel S - 316 SS T - Titanium U - 32760S, Duplex	-PH Pointer  -TH 316ss 'T' Handle	-SR Spring Return -DA Double Acting -EA Electric -PM Panel Mount -LK Locking -ACT Actuator use -EP Ends Pinned
<b>BOTTOM ENTRY</b> BNSP 6,000 psi/Pn414 BNIP		10 - 3/8"				
		15 - 1/2"				

Note:- On inserted 3rd ports- DO NOT attempt to remove this port as seat damage will occur.  
All Valves have Stainless Steel Lever Handles as standard.

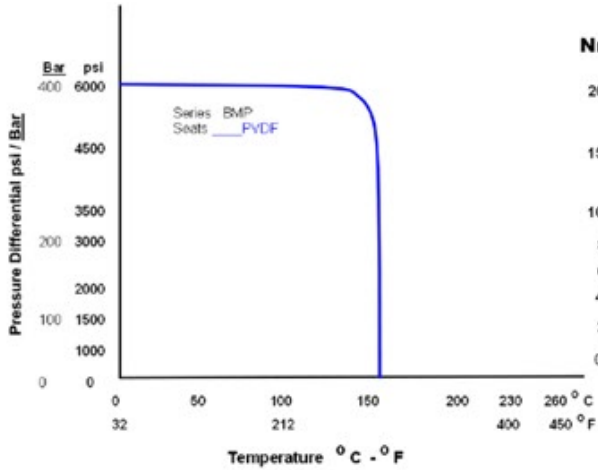
BM-Series - 09/09

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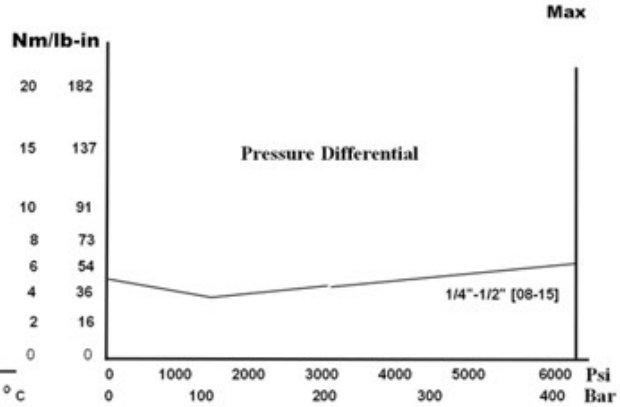
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## TECHNICAL SPECIFICATIONS SHEET

PRESSURE/TEMPERATURE GRAPH

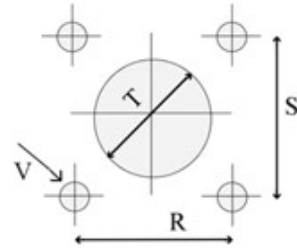
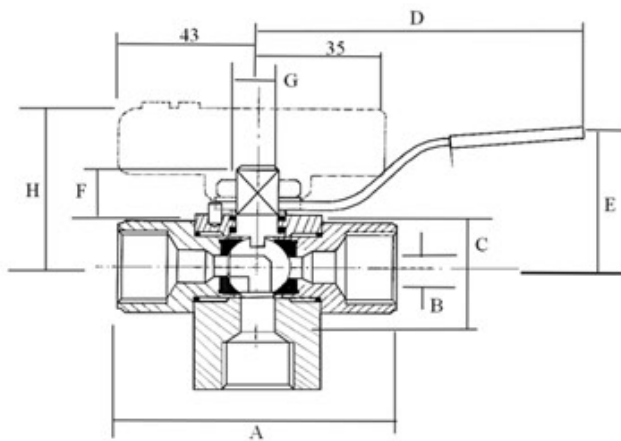


TORQUE INFORMATION

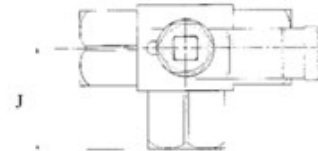


### PANEL MOUNT DETAILS \*

\* Option to be specified when ordering



1/4" - 1/2" VALVE ARE M4 x 6 mm DEEP  
Note J Dim for Integral Body is 28.6



\*J' Dim is same for Side/Bottom entry

Valve Size	A		B ∅	C Sq	D	E	F	G∅ x A/F	H	J		R	S	T ∅	V	WEIGHT Kgs
	BSPP	TAPER								BSPP	TAPER					
08 - 1/4"	71	71	6	32	115	45	14	3/8"-7.00	49	34	34	25.5	25.5	30	5	0.46
10 - 3/8"	75	77	6	32	115	45	14	3/8"-7.00	49	36	37	25.5	25.5	30	5	0.52
15 - 1/2"	83	85	6	32	115	45	14	3/8"-7.00	49	40	41	25.5	25.5	30	5	0.60

We reserve the right to change specifications stated in this leaflet due to our continuing programme of development. (BBM-BN 09 09)  
Dimensions are the same for all pressure ratings. Valve seats are tested at 10% above rated pressure [BS EN12266-1].  
Using any higher test pressure will damage the seats. Use the valve half open on system tests above rated seat pressure NOTE Bottom entry valves must have pressure equalised for tests higher than the seat rating otherwise seat