

'PB' SERIES BALL VALVE



Ball Valves 6,000 PSI

The 'PB' series high pressure 3 piece ball valve offers flexibility where, by the end connection sizes and types, can be mixed i.e. PB4NS-12N offers 1/2" to 1/4" reduction in size across the valve. This design helps eliminate the use of fittings and additional unwanted potential leak paths. Rated at 414 bar, the 'PB' series is a reliable, compact and flexible isolation ball valve with many options.

DESIGN FEATURES

• Bi-directional floating ball design to ensure leak-proof shut-off on pressure and vacuum.	• Temperature range -40°C to 150°C as standard (other temperatures available on request)
• Flexible 3 piece design for easy maintenance.	• Choice of handles and trim materials.
• Repair kits available should have the valve need servicing to prolong its life.	• Handle indicates OPEN/CLOSED position at a glance.
• Available in 316ss / Monel / Duplex / Titanium /Hastelloy / Zirconium / Ali-Bronze	• Full material traceability.
• Anti-blowout internally loaded stem for safety.	• Materials of construction can be supplied to meet the requirements of NACE MR 0175.

REVISIONS

[illegible]

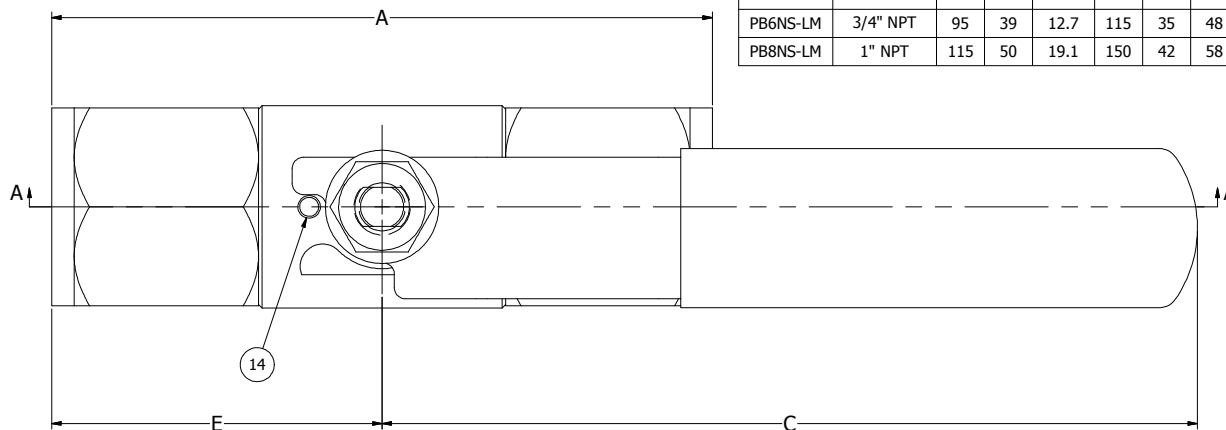
'IMPORTANT' - THIS DOCUMENT MAY CONTAIN CONTROLLED INFORMATION AND COULD THEREFORE REQUIRE EXPORT PERMISSIONS FROM RELEVANT AUTHORITIES IN YOUR COUNTRY

PRESSURE RATINGS ARE COLD WORKING, NON-SHOCK AND SUBJECT TO TEMPERATURE LIMITATIONS, UNLESS OTHERWISE STATED. PLEASE SEE SPECIFIC PRODUCT DATA

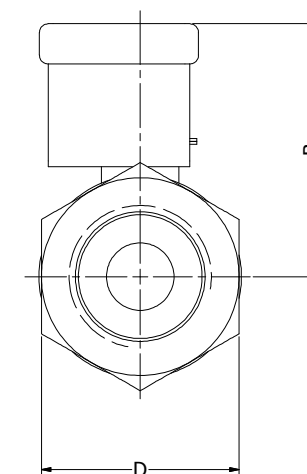
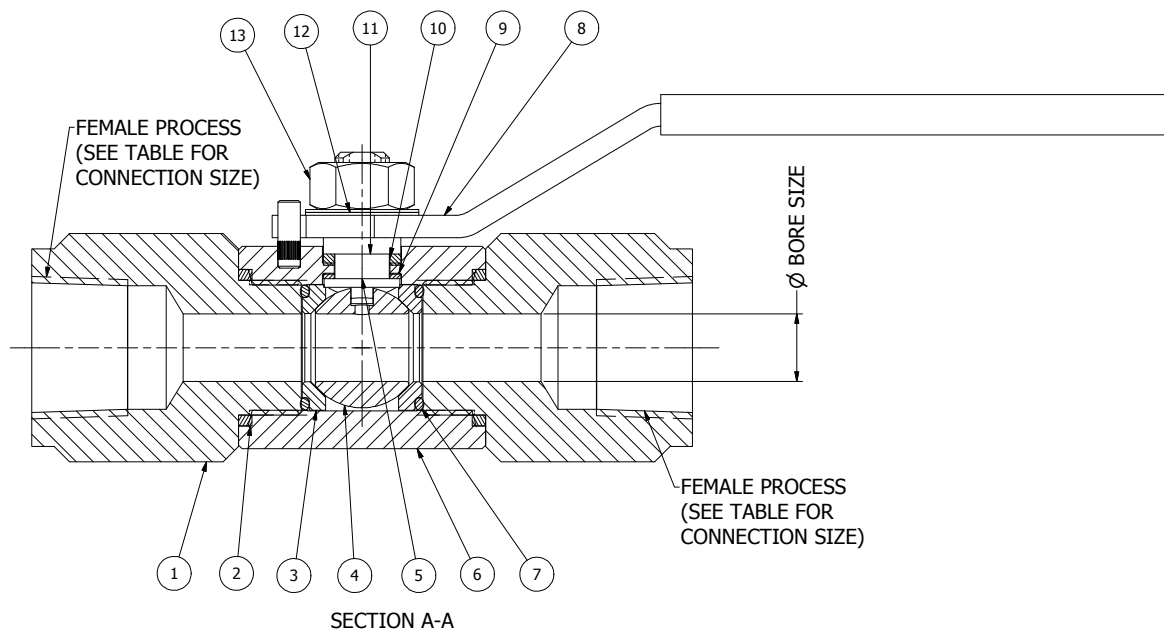
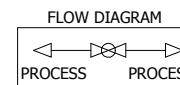
DIMENSIONS AND
DESIGNS
ARE SUBJECT TO CHANGE
WITHOUT PRIOR NOTICE

TYPICAL VALVE LAYOUT

PART NO	SIZE	A	B	BORE	C	D	E	CV	WEIGHT
PB2NS-LM	1/4" NPT	68	36	9.5	115	26	34	13.9	0.39 Kg
PB3NS-LM	3/8" NPT	74	36	9.5	115	26	37	13.9	0.4 Kg
PB4NS-LM	1/2" NPT	93	36	9.5	115	28	47	13.9	0.48 Kg
PB6NS-LM	3/4" NPT	95	39	12.7	115	35	48	25.3	0.66 Kg
PB8NS-LM	1" NPT	115	50	19.1	150	42	58	61.2	1.3 Kg



ITEM	DESCRIPTION	MATERIAL	QTY
1	END CONNECTOR	A479 UNS S31600	2
2	BODY SEAL	PTFE	2
3	SEAT	PVDF	2
4	BALL	A479 316 (10mm bore) A351 CF8M	1
5	STEM	A479 UNS S31600	1
6	VALVE BODY	A479 UNS S31600	1
7	O-RING	HNBR 90	2
8	LEVER HANDLE	UNS S31600	1
9	STEM SEAL	RTFE	1
10	STEM SEAL	RTFE	1
11	SPACER	UNS S31600	1
12	BELLEVILLE WASHER	ST/ST	2
13	5/16" UNF HEX NUT	A4 ST/ST	1
14	STOP PIN	UNS S31600	1



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TITLE:

1/4" TO 1" NPT FEMALE INLET x FEMALE OUTLET
'PB' SERIES SINGLE ISOLATION BALL VALVE IN 316 ST/ST MATERIAL
COMPLETE WITH LEVER HANDLE. RATED 6,000psi.

SCALE: N.T.S.

DATE: 23/02/2015

DRAWING NUMBER	DRWN	C.L.	CHKD	I.M.	APRD	A.P.M
PB#NS-LM TABULATED	REVISION No.	1				