

# 'DBB' Series Double Block & Bleed

## Double Block & Bleed Ball Valves with Needle Valve 6,000 psi [Pn 414] & 10,000 psi [Pn 690] Rated

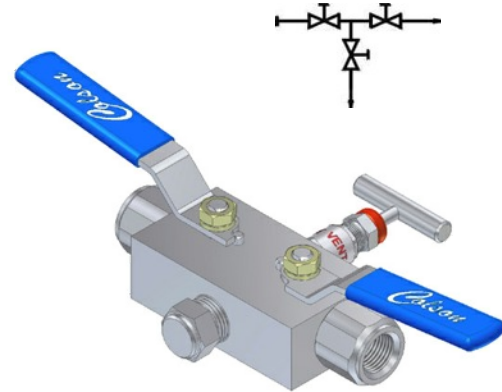
### DESIGN FEATURES

#### ISOLATING BALL VALVE :-

- \* Wide choice of Flange sizes and Pressure ratings.
- \* Robust HIGH pressure DESIGNED to be maintained
- \* Ball Valve has anti blowout stem for safety
- \* Floating ball design for positive shut-off
- \* Replaceable seats & seals for extended life

#### NEEDLE VENT VALVE :-

- \* Top Sealing Bonnet style
- \* NON-Rotating hard tip on bleed valve for effective shut-off
- \* Back sealing on the stem & adjustable gland packing
- \* Stem Seal below actuating threads to prevent contamination & gauling of threads
- \* Metal/Metal bonnet seal for pressure tightness even at elevated temperatures
- \* Choice of thread forms
- \* 1/4" Bleed Port with pressure plug as standard
- \* 316 ss to NACE Specification, Full material traceability

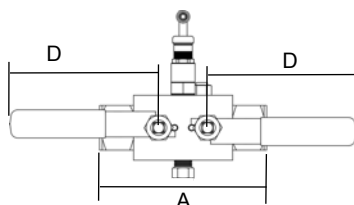


Ab=Block & Bleed Length

Ac=Double Block & Bleed Length

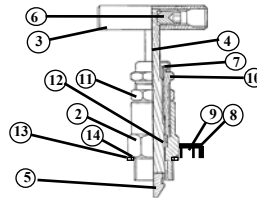
B =Bore

F =Ball valve centres



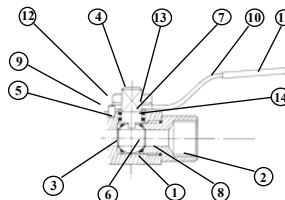
All valves have 1/4"NPT Vent port as standard

### NS HEAD ASSY



ITEM	COMPONENT	MATERIAL
1	BODY	316 S 11
2	BONNET HOUSING	316 S 11
3	HANDLE	316 S 11
4	STEM	316 S 11
5	STEM TIP	17 / 4 PH
6	GRUB SCREW	STAINLESS STEEL
7	DUST CAP	PVC
8	RETAINING CAM	STAINLESS STEEL
9	RETAINING SCREW	STAINLESS STEEL
10	GLAND ADJUSTER	316 S 11
11	LOCK NUT	316 S 11
12	GLAND PACKING	PTFE / GRAPHOIL
13	BONNET GASKET	316 S 11
14	BONNET SEAL	V PTFE

### BALL VALVE ASSY



ITEM	COMPONENT	MATERIAL
1	BOD	316 S 11
2	END CONNECTORS	316 S 11
3	BALL	316 S 11
4	STEM	316 S 11
5	STEM SEAL	RTFE
6	SEA	PVDF / PEEK
7	TOP SEAL	RTFE
8	BODY SEAL	PTFE
9	PIN	ST. STEEL
10	LEVER HANDLE	ST. STEEL
10	POINTER HANDLE	MAZAK 3
11	HANDLE SLEEVE	PVC
12	NUT	A4 ss
13	WASHER	A4 ss
14	SPACER	316 SS

DIMENSION TABLE											
SIZE	Ab	Ac	B	C	C1	D	Dv	E	Ev	F	Wt
08 - 1/4"	100	126	10	51	38	115	50	29	67	31	2.2
10 - 3/8"	100	126	10	51	38	115	50	29	67	31	2.2
15 - 1/2"	100	126	10	51	38	115	50	29	67	31	2.2
20 - 3/4"	100	126	12.7	51	38	115	50	31	67	37	2.25
25 - 1"	143	180	19	51	51	165	50	35	67	40	4.0

Note 6,000psi/414Bar Valves - 'A' Dim is 10mm Shorter

### Sample Part Number DBBCMP1015NM15NFS

1/2"NPT (Male x Female) 6000PSI/414Bar Double Block & Bleed Ball Valve [Ball/Needle/Ball Configuration] with PVDF +PTFE/17-4PH Trim. 1/2" NPTF Outlet/1/4"NPT Vent in316ss

### VALVE PART NUMBER and ORDERING TABLE

Series	Style	Pressure	BORE	Inlet Size/Type	Outlet Size/Type	Vent	* Material	Options
DBBB	E=B/N	P=6000/414 X=10000/690	10 13 19	08	08	1=1/4"NPT	D - 31803 Duplex S - 316 SS	-PH Pointer Handle
	F=B/B			NF=NPT(F) NM=NPT(M)	NF=NPT(F) NM=NPT(M)	2=1/4BS PP		-TH 'T' Handle St St -LK Lock Kit
DBBC	K=B/N/N	Psi/Bar	10 13 19	20	20	PF=BSPP(F)		Vent Valve -AT AntiTamper -HW Handwheel SS
	M=B/N/B			PF=BSPP(F)	PF=BSPP(F)			