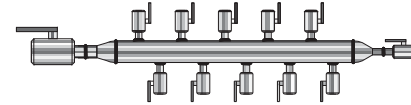
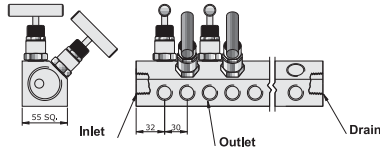


AIR HEADER DISTRIBUTERS PRODUCT CODE : CAHD



Inlet	Drain	Outlet	Product Code
1/2"	1/4"	1/2"	CAHDB-8F-4F-8F
3/4"	1/4"	3/4"	CAHDB-12F-4F-12F
1/2"	1/2"	1/2"	CAHDB-8F-8F-8F
3/4"	1/2"	3/4"	CAHDB-12F-8F-12F

Pipe Sch.	Inlet	Drain	Outlet	Product Code
40	3/4"	1/4"	1/2'	CAHDP40-12F-4F-8F
	3/4"	1/2'	3/4"	CAHDP40-12F-8F-12F
	1"	1/4"	1/2'	CAHDP40-16F-4F-8F
	1"	1/2"	3/4"	CAHDP40-16F-8F-12F
80	3/4"	1/4"	1/2'	CAHDP80-12F-4F-8F
	3/4"	1/2'	3/4"	CAHDP80-12F-8F-12F
	1"	1/4"	1/2'	CAHDP80-16F-4F-8F
	1"	1/2"	3/4"	CAHDP80-16F-8F-12F
160	3/4"	1/4"	1/2'	CAHDP160-12F-4F-8F
	3/4"	1/2'	3/4"	CAHDP160-12F-8F-12F
	1"	1/4"	1/2'	CAHDP160-16F-4F-8F
	1"	1/2"	3/4"	CAHDP160-16F-8F-12F
XXS	3/4"	1/4"	1/2'	CAHDPXXS-12F-4F-8F
	3/4"	1/2'	3/4"	CAHDPXXS-12F-8F-12F
	1"	1/4"	1/2'	CAHDPXXS-16F-4F-8F
	1"	1/2"	3/4"	CAHDPXXS-16F-8F-12F

DESCRIPTION

● Air headers are mainly used for Air distribution and to centralized several connections. It uses in refineries, liquid petroleum gas processing plant, petro-chemical plants, systems difficult to shut off due to solid contents dust, rust, dirt etc.

FEATURES

- Size - Inlet 1/2" x Outlet 1/2", Inlet 3/4" x Outlet 3/4"
- End connections - NPT, BSPT, SW
- Working pressure - 6000 psig (413 bar)
- Temperature rating - PTFE 450°F (232°C), Grafoil - 700°F (371°C)
- Material - SS 316, SS 304, C.S.
- Optional Sour Gas service valves are available confirming to NACE Std.

BONNET DESIGN

- Screwed Bonnet Design.
- Hard seat : - with non-rotating stem tip.
- with rotating stem tip-regulating & Soft seat .
- Dust Cap on bonnet pusher protects stem threads from external contamination.

DESCRIPTION

● Air headers are mainly used for Air distribution and to Centralized several connections. It uses in refineries, liquid petroleum gas processing plant, petro-chemical plants, systems difficult to shur off due to solid contents dust, rust, dirt etc.

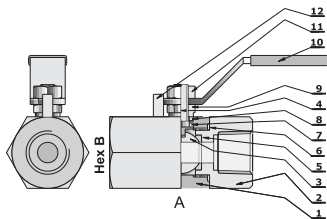
FEATURES

- Size - Inlet 1/2" x Outlet 1/2", Inlet 3/4" x Outlet 3/4", Inlet 1" x Outlet 1"
- End connections - NPT, BSPT, flange
- Working pressure - 6000 psig (413 bar)
- Temperature rating - PTFE 450°F (232°C), Grafoil -00°F(371°C)
- Material - SS 316, SS 304, C.S.
- Optional Sour Gas service valves are available confirming to NACE Std. MR - 01 75
- Packing - PTFE, Grafoil

GENERAL BALL VALVES



PRODUCT CODE : CGBV



Comfit low pressure Ball Valve offer quick, quarter turn shut off for chemical, petrochemical, oil & gas, pulp & paper, and instrumentation applications. With its blow out resistant stem, The Low-Series is an excellent, cost effective choice for tubing applications ranging in size from 1/4" to

FEATURES

- Blow-out resistant stem
- Positive handle stops
- Straight through flow path
- Stainless steel construction

SPECIFICATIONS

- Pressure rating: 2000 psig (137.9 bar) CWP
- Temperature rating: -65 °F to 350 °F (-54 °C to 177 °C)
- Orifice: 6 mm to 20 mm
- Body material: Stainless steel
- Body configuration: Inline
- Port connections: ODT, Male Thread, Female Thread, SW, BW.
- Port size: 1/4" to 1"

DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

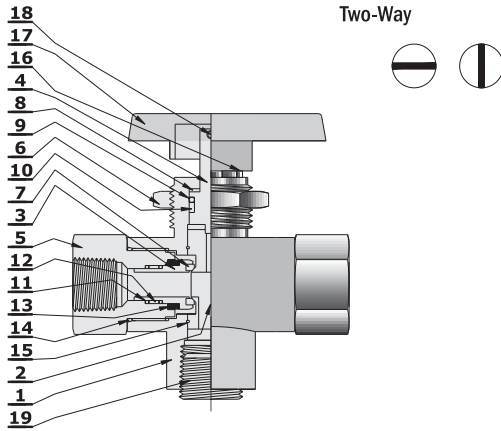
INSTRUMENT BALL VALVES (High pressure - series)

TWO-WAY/THREE-WAY

PRODUCT CODE : CHPBV

PRODUCT CODE : C2HPBV

Two-Way



23 : Panel Hole DIA
9.6 : Max. Panel Thickness

Sr. No.	Description	Material
1	BODY	ASTM A 276 TYPE 316
2	BALL TRUNNION	ASTM A 479 TYPE 316
3	SEAT RETAINER	ASTM A 276 TYPE 316
4	STEM	ASTM A 479 TYPE 316
5	END CONNECTOR	ASTM A 479 TYPE 316
6	PANEL NUT	SS 316
7	SEAT	PEEK
8	STEM WASHER	PEEK
9	STEM O-RING BACKUP	PTFE
10	STEM O-RING	FLUOROCARBON RUBBER
11	SEAT RETAINER O-RING BACKUP	PTFE
12	SEAT RETAINER O-RING	FLUOROCARBON RUBBER
13	CUP WASHER SPRING	SS 316 / INCONEL
14	CONNECTOR SEAL	PTFE/PEEK
15	TRUNNION BEARING	VITON/PEEK
16	HANDLE STOP PIN	SS 304
17	HANDLE	NYLON
18	HANDLE SET SCREW	SS
19	PIPE PLUG	SS 316

FEATURES

- Compact, maximum flow design
- Low operating torque
- Panel mounting
- ball valves are designed to be operated in a fully open or fully closed position.
- PEEK trunnion bearings for longer cycle life.
- For 2way 90° actuation & for 3way 180° actuation.
- Blow-out resistant two-piece ball /stem.
- For 2way 3 piece & for 3way 3 piece body design for easy maintenance.
- Heat code traceability

SPECIFICATION

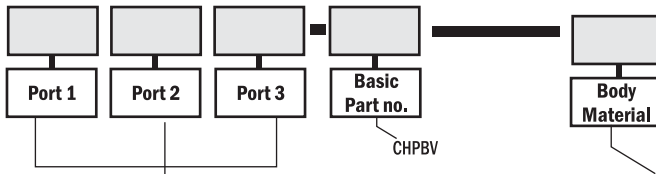
- port connection : Tube compression Female NPT
- 1/8"-1/2" (6mm to 12mm).
- Orifice : for 2way Ø4,8, for 3way Ø4,8.
- Pressure rating 6000 psig.
- SS 316 material Testing

TESTING

- Standard production testing : valves are 100% factory tested with nitrogen at 1000 psig (69bar) for leakage at the seats and body seals. Both areas are required to have less than 0.1 SCCM leakage. Optional testing is available upon request.

SIZE INLET/OUTLET T	PART NO.	A	B
1/8" NPT(F)	2NF-C2HPBV	37.3	37.3
1/4" NPT(F)	4NF-C2HPBV	37.3	37.3
1/4" ODT(F)	4T-CHPBV	52.6	52.6
3/8" ODT	6T-CHPBV	55.6	55.6
1/2" ODT	8T-CHPBV	58.4	58.4
6MM ODT	6MT-CHPBV	52.6	52.6
8MM ODT	8MT-CHPBV	52.6	52.6
8MM ODT	8MTS-C2HPBV	52.6	52.6
10MM ODT	10MM ODT	55.9	55.9
12MM ODT	12MT-CHPBV	58.4	58.4

ORDERING CODE FOR INSTRUMENT BALL VALVE



1/8" NPTF
1/4" NPTF
1/4" ODT
6MM ODT
3/8" ODT
1/2" ODT
8mm ODT
10mm ODT
12mm ODT

2NF
4NF
4T
6MTD
6T
8T
8MTD
10MTD
12MTD

MATERIAL

STEEL
SS 316
SS 316L
SS 316/SS 316L
SS 304
SS 304L
CARBON STEEL
P/F321
SS 347
P/F 11
P/F 22
P/F 5
A105N
P/F 91
LF2

DESIGNATOR

S
S1
S2
S1S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
LF2

MATERIAL

ALUMINIUM
BRASS
ALLOY 20
ALLOY C-276
ALLOY 600
ALLOY 825
ALLOY 625
TITANIUM
MONEL 400
DUPLEX-F60 / S32205
DUPLEX-F51 / S31803
DUPLEX-F53 / S32750
DUPLEX F55 / S32760
NACE MR-0175
NACE MR0103

DESIGNATOR

AL
B
C20
HC
INC
INC1
INC2
TI
M
D
D1
D3
D5
NM
NM1

DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.