




**PRODUCTS OVERVIEW**

**AVION VALVES & PNEUMATICS**

## BALL VALVE 1PC, 3PC : SCREW END

**Make** :   
**M.O.C.** : C.I./C.S./S.S.304/S.S.316  
**MFG. STD** : BS 5351  
**DESIGN** : 1 PC/3PC  
**RATING** : 150# / 300#  
**SIZE** : 15 mm TO 80 mm  
**END** : SCREWED / SOCKET WELD  
**PNEUMATICS**  
**AIR TEST** : 7 kg/cm<sup>2</sup>




**HYD-TEST PRESSURE :**  
**BODY** : 425 psig (30 kg/cm<sup>2</sup>)  
**SEAT** : 300 psig (21 kg/cm<sup>2</sup>)

## BALL VALVE THREE WAY / FOUR WAY

**Make** :   
**M.O.C.** : C.I./C.S./S.S.304/S.S.316  
**RATING** : 150# / 300#  
**ENDS** : FLANGED END / SCREWED END  
**MFG. STD** : BS 5351  
**SIZE** : 15 mm TO 80 mm  
           : 15 mm To 150 mm  
**DESIGN** : L-PORT / T-PORT




## BALL VALVE 3PC FLANGES END

**Make** :   
**M.O.C.** : C.I./C.S./S.S.304/S.S.316  
**MFG. STD** : BS 5351  
**DESIGN** : 3PC  
**RATING** : 150# / 300#  
**SIZE** : 15 mm TO 250 mm  
**END** : FLANGED END  
**PRESS TEMP RATING** : BS 5351  
**PNEUMATICS AIR TEST** : 7 kg/cm<sup>2</sup>



**HYD - TEST PRESSURE :**  
**BODY** : 425/100 psig (30/77 kg/cm<sup>2</sup>)  
**SEAT** : 300/825 psig (21/57 kg/cm<sup>2</sup>)


## BALL VALVE 2 PC

**Make** :   
**M.O.C.** : C.I./C.S./S.S.304/S.S.316  
**MFG. STD** : BS 5351  
**DESIGN** : 2PC  
**RATING** : 150# / 300#  
**SIZE** : 15 mm TO 300 mm  
**END** : FLANGED END  
**PRESS TEMP RATING** : BS 5351  
**PNEUMATICS AIR TEST** : 7 kg/cm<sup>2</sup>



**HYD - TEST PRESSURE :**  
**BODY** : 425 psig (30 kg/cm<sup>2</sup>)  
**SEAT** : 300 psig (21 kg/cm<sup>2</sup>)

## GATE VALVE FLANGED ENDS

**Make** :   
**M.O.C.** : C.I./C.S./S.S.304/S.S.316  
**RATING** : 150# / 300#  
**SIZE** : 25 mm TO 300 mm  
**END** : FLANGED END  
**PNEUMATICS AIR TEST** : 7 kg/cm<sup>2</sup>



**HYD - TEST PRESSURE :**  
**BODY** : 425 psig (30 kg/cm<sup>2</sup>)  
**SEAT** : 300 psig (21 kg/cm<sup>2</sup>)


## SWING TYPE CHECK VALVE

**Make** :   
**M.O.C.** : C.I./C.S./S.S.304/S.S.316  
**ENDS** : FLANGED AS PER ANSI B 16.5  
**RATING** : 150# / 300#  
**SIZE** : 25 mm TO 300 mm  
**WORKING PRESS** : 150 psig



**HYD - TEST PRESSURE :**  
**BODY** : 425 psig (30 kg/cm<sup>2</sup>)  
**SEAT** : 300 psig (21 kg/cm<sup>2</sup>)


## GLOBE VALVE

**Make** :   
**M.O.C.** : C.I./C.S./S.S.304/S.S.316  
**MFG. STD** : BS 1873  
**RATING** : 150# / 300#  
**SIZE** : 25 mm TO 300 mm  
**END** : FLANGED END  
**INSP & TEST** : BS 6755  
**PNEUMATICS AIR TEST** : 7 kg/cm<sup>2</sup>



**HYD - TEST PRESSURE :**  
**BODY** : 425 psig (30 kg/cm<sup>2</sup>)  
**SEAT** : 300 psig (21 kg/cm<sup>2</sup>)

## SAFETY VALVE STRAIGHT PATTERN

**Make** :   
**M.O.C.** : C.I./C.S./S.S.316/S.S.304  
**END CONN** : AS PER 2533 / 2543 /  
           2535 / 2545  
**SIZE** : 25 mm TO 150 mm  
**MAX SET PRESSURE** : 14 kg/cm<sup>2</sup>



**LIFT UP TYPE NRV**

Make : **AVION FLOW**  
 M.O.C. : C.S./S.S.304/S.S.316  
 MFG. STD : BS 1868  
 RATING : 150# / 300#  
 SIZE : 25 mm TO 300 mm  
 END : FLANGED END DIN 2545  
 INSP. & TEST : BS 6755  
 PNEUMATICS AIR TEST : 7 kg/cm<sup>2</sup>



HYD - TEST PRESSURE :  
 BODY : 425 psig (30 kg/cm<sup>2</sup>)  
 SEAT : 300 psig (21 kg/cm<sup>2</sup>)

**GLOBE VALVE ND - 40**

Make : **AVION FLOW**  
 M.O.C. : C.I./C.S./S.S.304/S.S.316  
 MFG. STD : BS 6755  
 RATING : PN-40  
 SIZE : 25 mm TO 300 mm  
 END : FLANGED END DIN 2545  
 INSP. & TEST : BS 6755  
 PNEUMATICS AIR TEST : 7 kg/cm<sup>2</sup>



HYD - TEST PRESSURE :  
 BODY : 60 kg/cm<sup>2</sup>  
 SEAT : 40 kg/cm<sup>2</sup>

**"Y" TYPE STRAINER**

Make : **AVION FLOW**  
 M.O.C. : C.I./C.S./S.S.304/S.S.316  
 RATING : PN 10, PN 16  
 150# / 300#  
 SIZE : 15 mm TO 300 mm  
 END : FLANGED END  
 MESH : SS 304



HYD - TEST PRESSURE :  
 BODY : 425 psig (30 kg/cm<sup>2</sup>)

**"T" TYPE /POT TYPE STRAINER**

Make : **AVION FLOW**  
 M.O.C. : FABRICATED  
 RATING : PN 10, PN 16  
 150# / 300#  
 SIZE : 25 mm TO 500 mm  
 END : FLANGED END  
 MESH : SS 304



HYD - TEST PRESSURE :  
 BODY : 225 psig (15 kg/cm<sup>2</sup>)

**NON SLAM DISC CHECK VALVE**

Make : **AVION FLOW**  
 M.O.C. : S.S.304/S.S.316  
 RATING : 40-BAR  
 END : WAFER TYPE  
 SIZE : 15 mm TO 100 mm



HYD - TEST PRESSURE :  
 BODY : 225 psig (16 kg/cm<sup>2</sup>)  
 SEAT : 165 psig (11kg/cm<sup>2</sup>)

**DIAPHRAGM VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I./C.S./S.S.304  
 RATING : 150#  
 ENDS : FLANGED END  
 SIZE : 15 mm TO 150 mm  
 MFG. STD : BS 5156



HYD - TEST PRESSURE :  
 BODY : 213 psig (15 kg/cm<sup>2</sup>)  
 SEAT : 142 psig (10 kg/cm<sup>2</sup>)

**CAST IRON GLAN COCK**

Make : **AVION FLOW**  
 M.O.C. : C.I.  
 DESIGN : 2 WAY / 3 WAY  
 END : FLANGED ENDS  
 SCREWED ENDS  
 FLANGED END



SIZE : 25 mm TO 100 mm  
 HYD - TEST PRESSURE : 100 psig (7 kg/cm<sup>2</sup>)

**KNIFE EDGE GATE VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I./C.S./S.S.304/S.S.316  
 ENDS : WAFER  
 RATING : 150#  
 SIZE : 25 mm TO 300 mm



HYD - TEST PRESSURE :  
 BODY : (11 kg/cm<sup>2</sup>)  
 SEAT : (2.8 kg/cm<sup>2</sup>)

**SIGHT GLASS**

Make : **AVION FLOW**  
 M.O.C. : M.S./S.S.304/S.S.316  
 GLASS : TOUGHENED BOROSIL  
 RATING : 150#  
 ENDS : FLANGED END  
 SIZE : 25 mm TO 150 mm



PRESS TEST RATING : CONFIRM  
 TO TABLE 3 OF BS 5351

**PULP VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I./S.S.304  
 ENDS : WAFER TYPE BS10 D/816.1  
 OPERAT : MANUALLY  
 SIZE : 40 mm TO 500 mm  
 MFG. STD : GENERALLY CONFIRMING



HYD - TEST PRESSURE : 100 psig (7kg/cm<sup>2</sup>)

**FLOAT TYPE STEAM TRAP**

Make : **AVION FLOW**  
 M.O.C. : C.I./M.S./S.S.  
 SIZE : 15 mm TO 500 mm  
 MFG STD : IS 12268  
 END : SCREWED ENDS



HYD - TEST PRESSURE :  
 BODY : 300 psig (32 kg/cm<sup>2</sup>)

<sup>2</sup>)

**BUCKET TYPE STEAM TRAP**

Make : **AVION FLOW**  
 M.O.C. : C.I.  
 SIZE : 15 mm TO 50 mm  
 MFG STD : IS 12268  
 END : SCREWED ENDS



WORKING : 150 psig. MAX at 200 °C

**BUTTER FLY VALVE WAFER TYPE**

Make : **AVION FLOW**  
 M.O.C. : C.I./SS 304 / SS 316  
 MFG. STD : BS 5155  
 DISC : C.I./SS304/ SS 316  
 RATING : PN 10, PN 16  
 SIZE : 40 mm TO 1000 mm  
 INSP.& TEST : BS 6755



HYD - TEST PRESSURE :  
 BODY : (16 kg/cm<sup>2</sup>)  
 SEAT : (11kg/cm<sup>2</sup>)

NOTE : ABOVE 200 mm GEAR

**WAFER TYPE CHECK VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I./M.S/S.S.304 / SS 316  
 MFG. STD : GENERALLY  
 RATING : PN - 40  
 SIZE : 25 mm TO 500 mm  
 END : WAFER TYPE  
 INSP.& TEST : GENERALLY CONFIRMING



HYD - TEST PRESSURE :  
 BODY : 225 psig (16 kg/cm<sup>2</sup>)  
 SEAT : 165 psig (11 kg/cm<sup>2</sup>)

**TD-3 STEAM TRAP (THERMODYNAMIC)**

Make : **AVION FLOW**  
 M.O.C. : I.C. 410  
 ENDS : SCREWED END  
 SOCKET WELD END  
 SIZE : 15 mm TO 25 mm



HYD - TEST PRESSURE : 0.25 kg/cm<sup>2</sup>

**DIAPHRAGM/MOTORED/CYLINDER CONTROL VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I. / C.S.  
 OPERATING : 2 WAY / 3 WAY  
 SIZE : 25 mm TO 100 mm  
 ENDS : FLANDEG ENDS  
 MFG. STD : GENERALLY CONFIRMING  
 RATING : 150# / 300#



HYD - TEST PRESSURE :  
 BODY : 425 psig (30 kg/cm<sup>2</sup>)  
 SEAT : 300 psig (21 kg/cm<sup>2</sup>)

**ROTARY JOINT R/H L/H**

Make : **AVION FLOW**  
 M.O.C. : C.I.  
 OPERATOR : STEAM LINES  
 SIZE : 15 mm TO 50 mm  
 ENDS : SCREWED ENDS



HYD - TEST PRESSURE : 100 psig (7kg/cm<sup>2</sup>)

**DOUBLE / SINGLE AIR VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I.  
 SIZE : 25 mm TO 150 mm  
 ENDS : FLANGED / SCREWED ENDS



HYD - TEST PRESSURE :  
 BODY : 225 psig (16 kg/cm<sup>2</sup>)  
 SEAT : 165 psig (11.5 kg/cm<sup>2</sup>)

**C.I. BODY FIRE SAFETY VALVES**

Make : **AVION FLOW**  
 END : FLANGED ENDS WITH S.S. & G.M. WORKING PARTS  
 PRESSURE : 150 psig



**PINCH VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I, ALUMINUM, SGI  
 ENDS : FLANGED AS PER BS 10 TABLE "D" PER SPECIFIED  
 SIZE : 25 mm TO 200 mm  
 TYPE : CLOSE BODY

HYD - TEST PRESSURE :  
 BODY : 10 kg/cm<sup>2</sup>  
 SEAT : 7 kg/cm<sup>2</sup>



**FORGE STEEL BALL VALVE**

Make : **AVION FLOW**  
 ENDS : SCREWED / SOCKET  
 RATING : 800#  
 RANGE : 15 mm TO 50 mm



**SELF LUBRICATING PLUG VALVE**

Make : **AVION FLOW**  
 M.O.C. : C.I./WCB / SS304 / SS 316  
 MFG. STD : BS 5158  
 ENDS : S/E AS PER BS 10 TABLE D, FANS / ASME B15, B10  
 FACE TO FACE : BS EN 558-1  
 SIZE : 25 mm TO 200 mm



**NEEDLE VALVE**

Make : **AVION FLOW**  
 M.O.C. : SS202 / SS304 / SS316  
 ENDS : SCREWED ENDS, FLANGES AS PER 150#  
 SIZE : 8 mm TO 50 mm



**FLUSH BOTTOM TANK VALVE**

Make : **AVION FLOW**  
 M.O.C. : SS.304/SS.316/ (FABRICATED) M.S.  
 ENDS : FLANGED AS PER ANSI B 16.5  
 VALVE TYPE : OPEN IN TANK / OPEN IN VALVE  
 SIZE : 25 mm X 25 mm TO 200 mm X 200 mm  
 OPERATION : MANUALLY



**S.S. STEEL LEVEL GAUGE**

Make : **AVION FLOW**  
 M.O.C. : C.I. / GM / S.S.  
 ENDS : SCREWED & FLANGED  
 PRESSURE : 100 TO 600 psig



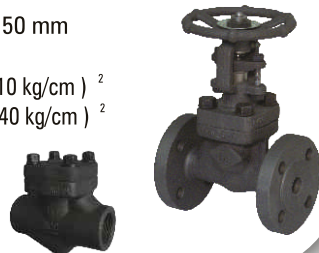
**CAST IRON MERALLIC FOOT VALVE (WORKING PARTS GUN MERAL S.S. MESH.)**

Make : **AVION FLOW**  
 RANGE : 25 mm TO 300 mm  
 PRESSURE : 10 kgs



**FORGE STEEL GATE / GLOBE / NRV VALVE**

Make : **AVION FLOW**  
 END : SCREWED ENDS & FLANGED ENDS & SOCKET ENDS  
 RATING : 800#  
 RANGE : 15 mm TO 50 mm  
 HYD - TEST PRESSURE :  
 BODY : 3000 psig (210 kg/cm )<sup>2</sup>  
 SEAT : 2000 psig (140 kg/cm )<sup>2</sup>

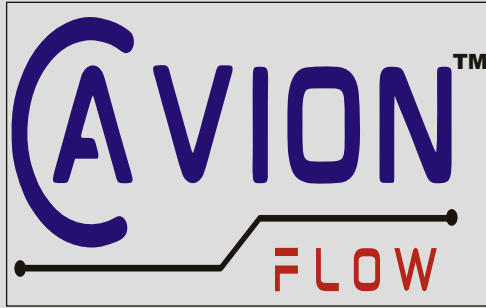


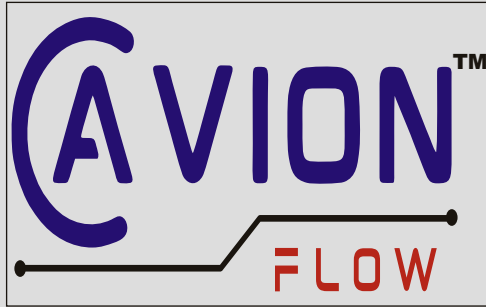
**"Y" TYEP & CYLINDER TYPE CONTROL VALVE C.I.C.S. 2&3 WAY CONTROL VALVE**

Make : **AVION FLOW**  
 M.O.C. : I.C. SS304 / I.C. 55316  
 ENDS : FLANGED ENDS & SCREWED ENDS  
 RANGE : 25 mm TO 100 mm  
 HYD-TEST PRESSURE : 30 kgs



Manufacturer & Supplier of Industrial Valves





Power Plants



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Textile Industries



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## AVION VALVES & PNEUMATICS

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