

AVCON CONTROLS VALVES

Pneumatic & Motorised Valves.

• Model 5112-22A/B Series



For General Use 2- Way Control Valves, Size 15 mm (1/2") to 200 mm (8"), Metal Seating as well as soft Seating.

- Face to Face** : As per DIN 3203-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 and PN16.
- Bodies** : SGI, WCB, CF8 & CF8M.
- Pressure** : Vacuum to 40 bar (depending on size and actuator).
- Temperature** : Upto 220Deg. C.
- Characteristics** : On & Off, Linear or Equal percentage.
- Actuator** : Pneumatic Multi-Spring Diaphragm Design.

CE(PED)

• Model 5116-19A/B Series.



For General Use 3- Way Control Valves, Size 20 mm (3/4") to 200 mm (8"), Metal Seating as well as soft Seating.

- Face to Face** : As per DIN 3203-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 and PN16.
- Bodies** : SGI, WCB, CF8 & CF8M.
- Pressure** : Upto 10 bar.
- Temperature** : Upto 220Deg. C.
- Characteristics** : On & Off, or Linear for Mixing or Diverting application.
- Actuator** : Pneumatic Multi-Spring Diaphragm Design.

CE(PED)

• Model 512-22A/WCBF-2- way Finned Bonnet.



For General Use 2- Way Control Valves, Size 15 mm (1/2") to 200 mm (8"), Metal Seating as well as soft Seating.

- Face to Face** : As per DIN 3202-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 and PN16.
- Bodies** : WCB.
- Pressure** : 10 bar.
- Temperature** : Upto 340Deg. C.
- Characteristics** : On & Off, Linear or Equal Percentage.
- Actuator** : Pneumatic Multi-Spring Diaphragm Design.

CE(PED)

• Model 5116-19A/WCBF- 3-Way Finned Bonnet



For General Use 3- Way Control Valves, Size 20 mm (3/4") to 200 mm (8"), Metal Seating .

- Face to Face** : As per DIN 3202-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 and PN16.
- Bodies** : WCB.
- Pressure** : 10 bar.
- Temperature** : Upto 340Deg. C.
- Characteristics** : On & Off, or Linear for Mixing or Diverting application.
- Bonnet** : Finned.
- Actuator** : Pneumatic Multi-Spring Diaphragm Design.

CE(PED)

AVCON CONTROLS VALVES

Pneumatic & Motorised Valves.

• Model : 5161-62 A/B : 2-way Bellow Sealed Valves.



2-Way Bellow Sealed Valves, Size 15 mm (1/2") to 100 mm (4"), Metal to Metal Seating.
Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150 and Drilled to PN16.
Bodies : WCB, CF8 & CF8M.
Pressure : 10 bar.
Temperature : Upto 400Deg. C.
Bonnet : Bellow Sealed.
Characteristics : On & Off, Linear or Equal percentage.
Actuator : Pneumatic Multi-Spring Diaphragm Design.

• Model 5166A : 3-way Bellow Sealed Valves.



3- Way Control Valves, Size 20 mm (3/4") to 100 mm (4"), Metal to Metal Seating.
Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150 and Drilled to PN16.
Bodies : WCB, CF8 & CF8M.
Pressure : Upto 10 bar.
Temperature : Upto 400Deg. C.
Characteristics : On & Off, or Linear for Mixing or Diverting application.
Actuator : Pneumatic Multi-Spring Diaphragm Design.

• Model : 5113A Series Balance Trim.



For 2- Way Balance Trim Control Valves, Size 15 mm (1/2") to 200 mm (8"), Metal Seating.
Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150 and Drilled to PN16.
Bodies : WCB, CF8 & CF8M.
Pressure : upto 40 bar.
Temperature : Upto 220Deg. C.
Characteristics : On & Off, Linear or Equal Percentage.
Actuator : Pneumatic Multi-Spring Diaphragm Design.

CE(PED)

• Model 5141-42A-IBR Certified Valves.



2-Way Control Valves, Size 15 mm (1/2") to 100 mm (4"), Metal Seating .
Face to Face : ASME B-16.10, Flanges as per ANSI Cl.150 & Cl.300.
Bodies : WCB, CF8 & CF8M
Pressure : 10 bar.
Temperature : Upto 425Deg. C.
Bonnet : Standard.
Characteristic : On & Off, Equal percentage or Linear.
Actuator : Pneumatic Multi-Spring Design.
 NOT AVAILABLE IN 3-WAY CONFIGURATION.
 IBR Certificate in (Form III C) is offered with supply.
CE(PED)/IBR

AVCON CONTROLS VALVES

Pneumatic Control Valves.

• Model : 7912-22A/B Series



For General Use -2-Way Control Valves. Size 15 mm (1/2") to 100 mm (4"), Metal Seating as well as Soft Seating.

Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150, Also Cl.300.
Bodies : WCB, CF8 & CF8M.
Pressure : Vacuum to 20 bar.
Temperature : 220Deg. C.
Characteristics : On & Off, Linear or Equal percentage.
Actuator : Pneumatic Multi-Spring Diaphragm Design.

• Model 7916-19A/B Series



For General Use 3- Way Control Valves, Size 20 mm (3/4") to 100 mm (4"), Metal Seating as well as Soft Seating.

Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150 and also Cl.300
Bodies : WCB, CF8 & CF8M.
Pressure : Upto 10 bar.
Temperature : Upto 220Deg. C.
Characteristics : On & Off, or Linear for Mixing or Diverting application.
Actuator : Pneumatic Multi-Spring Diaphragm Design.

• Model : 7941-42A-IBR Certified Valves.



Use 2- Way Control Valves, Size 15 mm (1/2") to 100 mm (4"), Metal Seating.

Face to Face : ASME B-16.10
Flanges : As per ANSI Cl.150 and Cl.300
Bodies : WCB, CF8 & CF8M.
Pressure : upto 10 bar for Steam.
Temperature : Upto 425Deg. C.
Characteristics : On & Off, Linear or Equal Percentage.
Actuator : Pneumatic Multi-Spring Diaphragm Design.

NOT AVAILABLE IN 3-WAY CONFIGURATION,
NO FINNED BONNET AND NO BELLOWS SEALED
VALVES PRESENTLY.

AVCON CONTROLS VALVES

Motorised Valves.

• Model : 5512A/B Series.



For General Use 2-Way Motorised Control Valves, Size 15 mm (1/2") to 150 mm (6"), Metal Seating as well as Soft Seating.

- Face to Face** : As per DIN 3202-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 & Drilled to PN16.
- Bodies** : SGI, WCB, CF8 & CF8M.
- Pressure** : Vacuum to 40 bar. (depending on size and actuator)
- Temperature** : Upto 220Deg. C.
- Characteristics** : On & Off, Linear or Equal percentage.
- Actuator** : KN-Series Electric Actuator for On-Off and Control Duty.

CE(PED)

• Model 5516-19A/B Series.



For General Use 3-Way Motorised Control Valves, Size 20 mm (3/4") to 150 mm (6"), Metal Seating as well as Soft Seating.

- Face to Face** : As per DIN 3202-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 & Drilled to PN16.
- Bodies** : SGI, WCB, CF8 & CF8M.
- Pressure** : Upto 10 bar.
- Temperature** : Upto 220Deg. C.
- Characteristics** : On & Off, Linear for Mixing or Diverting application.
- Actuator** : KN-Series Electric Actuator for On-Off and Control Duty.

CE(PED)

• Model : 5512-22A/WCBF-2-Way Finned Bonnet.



For Thermic Fluid & High Temperature Steam Duty. Use 2-Way Motorised Control Valves, Size 15 mm (1/2") to 200 mm (6"), Metal to Metal Seating.

- Face to Face** : As per DIN 3202-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 & Drilled to PN16.
- Bodies** : WCB.
- Pressure** : 10 bar.
- Temperature** : Upto 340Deg. C.
- Bonnet** : Finned.
- Characteristics** : On & Off/Linear/=%
- Actuator** : KN-Series Electric Actuator for On-Off and Control Duty.

CE(PED)

• Model 5516-19A/WCBF-3-Way Finned Bonnet.



For Thermic Fluid & High Temperature Steam Duty. Use 3-Way Control Valves, Size 20 mm (3/4") to 150 mm (6"), Metal Seating.

- Face to Face** : As per DIN 3202-Part1, Series F1.
- Flanges** : As per ANSI Cl.150 & Drilled to PN16.
- Bodies** : WCB.
- Pressure** : 10 bar.
- Temperature** : Upto 340Deg. C.
- Bonnet** : Finned.
- Characteristics** : On & Off or Linear.
- Actuator** : KN-Series Electric Actuator for On-Off and Control Duty.

CE(PED)

AVCON CONTROLS VALVES

Pneumatic & Motorised Valves.

• Model : 5561A/B : 2-way Bellow Sealed Valves.



2-Way Bellow Sealed Valves, Size 15 mm (1/2") to 100 mm (4"), Metal to Metal Seating.
Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150 & Drilled to PN16.
Bodies : WCB, CF8 & CF8M.
Pressure : 10 bar.
Temperature : Upto 400Deg. C.
Bonnet : Bellow Sealed.
Characteristics : On & Off, Linear or Equal percentage.
Actuator : KN-Series Electric Actuator for On-Off and Control Duty.

• Model 5566A/B: 3-way Bellow Sealed Valves.



3-Way Control Valves, Size 20 mm (3/4") to 100 mm (4"), Metal to Metal Seating.
Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150 and Drilled to PN16.
Bodies : WCB, CF8 & CF8M.
Pressure : Upto 10 bar.
Temperature : Upto 400Deg. C.
Characteristics : On & Off, or Linear for Mixing or Diverting application.
Actuator : KN-Series Electric Actuator for On-Off and Control Duty.

• Model : 5513A Series Balance Trim.



For 2- Way Balance Trim Control Valves, Size 15 mm (1/2") to 200 mm (8"), Metal Seating.
Face to Face : As per DIN 3202-Part1, Series F1.
Flanges : As per ANSI Cl.150 & Drilled to PN16.
Bodies : WCB, CF8 & CF8M.
Pressure : Upto 40 bar.
Temperature : Upto 220Deg. C.
Characteristics : On & Off, Linear or Equal Percentage.
Actuator : KN-Series Electric Actuator for On-Off and Control Duty.

IBR/CE

• Model 5541A-IBR Certified Valves.



2-Way Control Valves, Size 15 mm (1/2") to 100 mm (4"), Metal to Metal Seating.
Face to Face : ASME 16.104, Flanges as per ANSI Cl.150 & Cl.300.
Bodies : WCB, CF8 & CF8M
Pressure : 10 bar.
Temperature : Upto 425Deg. C.
Bonnet : Standard,
Characteristic : On & Off, Equal percentage or Linear.
Actuator : KN-Series Electric Actuator for On-Off and Control Duty.

NOT AVAILABLE IN 3-WAY CONFIGURATION.

IBR Certificate in (Form III C) is offered with supply.

IBR/CE