

# Fire Safe Test Certified & Fugitive Emission Test Certified

## Typical Application :

Oil & Gas - Petrochemical – Chemical – Paraffin/Kerosene –  
Emergency Cut-Off - General Industrial



## MD-82

## 2-PIECE with ISO 5211 MOUNTING PAD SPECIAL ALLOY BALL VALVE

### Full Bore

**Size : 1/2"~12"**

• API 607 6<sup>th</sup> Fire Safe Certified Available

• ISO 15848-1 Fugitive Emission Test Certified Available

• Working pressure (CWP) : Class 150 / Class 300 /  
PN10 / PN16 / PN25 / PN40

• End Connection : Flanged End

• Body material :

Carbon Steel : WCB/ LCC

Stainless Steel : CF3M/CF8M/CF8/SS317/904L

Duplex Alloy : A890 Gr.1A CD4MCu/A890 Gr.1B

CD4MCuN/A995 Gr.2A CE8MN A995 Gr.4A

CD3MN/A890 Gr.5A CE3MN/A890 Gr.6A

CD3MWCuN

Special Alloy : Alloy 20/A351 CN7M/Hastelloy B/

Hastelloy C276/CW12MW/M35-1

• Blow out proof Stem

• Anti-static device (Only for carbon and stainless steel)

• ISO 5211 Mounting Pad simplify fit and alignment  
for bracketry and actuator

• Floating Ball Design

• A variety of seat materials are available including PTFE, RTFE (PTFE with 15% G.F.), PTFE with 50% SS316, Carbon filled PTFE, Peek, Delrin and TFM.

• Lockable handle in open and close position to prevent inadvertent operation

• Design as per ASME B16.34

• Face to Face dimension: ANSI B16.10/DIN3202 F4/F5

• Flange dimension: ANSI B16.5 /DIN PN 10/16/25 /40

• API 598 /EN12266-1 and MSS SP-55 testing and inspection

• NACE MR 0175 upon request

• In compliance with ATEX 94/9/EC:

ATEX II 2 GD (zones 1 & 21 ) and

ATEX III 3 GD (zones 2 & 22)

(Only for carbon and stainless steel)



**MODENTIC VALVES**  
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