



# FIRE SAFE APPROVED BALL VALVES

## MD-51FS-150/300

API 607 4th



### Design Feature

- Reduced Bore
- 3/4" – 6" ( DN20 - DN150)
- Blow-out proof stem
- Anti-static design
- ISO 5211 mounting flange
- ANSI B16.10 class 150/300
- ANSI B16.5 class 150/300 RF

<b>Body</b>	ASTM A351 Gr.CF8M
<b>Ball / Stem</b>	CF8M / SS 316
<b>Seat</b>	RTFE (15% glass fiber filled)
<b>Temperature Range</b>	-4 to 356 °F ( -20 to 180 °C)

## MD-52FS-150/300

API 607 4th



### Design Feature

- Full Bore
- 1/2" – 6" ( DN15 - DN150)
- Blow-out proof stem
- Anti-static design
- ISO 5211 mounting flange
- ANSI B16.10 class 150/300
- ANSI B16.5 Class 150/300 RF

<b>Body</b>	ASTM A351 Gr.CF8M
<b>Ball / Stem</b>	CF8M/ SS 316
<b>Seat</b>	RTFE (15% glass fiber filled)
<b>Temperature Range</b>	-4 to 356 °F ( -20 to 180 °C)

## MD-82-150/300

API 607 6th / ISO 10497-5 / BS 6755 Part II



### Design Feature

- Full Bore
- 1/2"~8"(DN 15~DN 200)
- Blow-out-proof stem design
- Anti-static design
- ISO 5211 mounting flange
- ANSI B16.10 Class 150/300
- ANSI B16.5 Class 150/300 RF

<b>Body</b>	ASTM A351 Gr.CF8M
<b>Ball / Stem</b>	CF8M / SS 316
<b>Seat</b>	RTFE (15% glass fiber filled)
<b>Temperature Range</b>	-4 to 356 °F ( -20 to 180 °C)

## MD-82 PN 16/40

API 607 6th / ISO 10497-5 / BS 6755 Part II



### Design Feature

- Full Bore
- 1/2"~8"(DN 15~DN 200)
- Blow-out-proof stem design
- Anti-static design
- ISO 5211 mounting flange
- DIN 3202 F1/F4/F5
- EN 1092-1 PN 10/16/25/40 RF

<b>Body</b>	1.4408
<b>Ball / Stem</b>	CF8M / SS 316
<b>Seat</b>	RTFE (15% glass fiber filled)
<b>Temperature Range</b>	-4 to 356 °F ( -20 to 180 °C)

## V-255FS • V-255M

API 607 4th



### Design Feature

- ANSI B16.34 class 600 design
- Blow-out proof stem
- Anti-static design
- ISO5211 mounting flange
- Handle with locking device
- End Connection: Threaded, Socket weld, Butt weld

<b>Body</b>	ASTM A351 Gr.CF8M (1.4408)
<b>Ball / Stem</b>	CF8M / SS316
<b>Seat</b>	RTFE (15% glass fiber filled)
<b>Temperature Range</b>	-4 to 356 °F ( -20 to 180 °C)
<b>Working pressure</b>	1/4"- 1" 2000 psi, 1-1/4"-2" 1500 psi
	DN8 - DN25 : PN140, DN32 - DN 50 : PN100

V-255FS • Full Bore • 1/4"- 2" (DN8-DN50)

V-255FSA • Reduced Bore • 1/2" – 2-1/2" (DN15-DN65)



## FIRE SAFE APPROVED BALL VALVES

### V-755FS

API 607 6th / ISO 10497-5 / BS 6755 Part II



#### Design Feature

- ANSI B16.34 Class 600 design
- Blow-out-proof stem design
- Anti-static design
- ISO 5211 mounting flange
- Forged Steel components
- Handle with locking device
- End Connection: Threaded, Socket weld, Butt weld

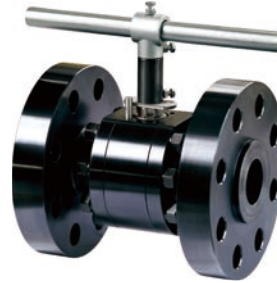
V-755FS • Full Bore • 1/2" – 2" (DN15-DN50)

V-755FSA • Reduced Bore • 1/2" – 2" (DN15-DN50)

<b>Body</b>	ASTM A105 / F316
<b>Ball / Stem</b>	SS 316
<b>Seat</b>	RTFE (15% glass fiber filled)
<b>Working pressure</b>	1500 psi (PN 100)
<b>Temperature Range</b>	-4 to 356 °F ( -20 to 180 °C)

### HPV-43FS

API 607 5th / ISO 10497-5 / BS 6755 Part II



#### Design Feature

- Blow-out proof stem
- Anti-static design
- ISO 5211 mounting flange
- ANSI B16.10 Class 1500/2500
- ANSI B16.5 Class 1500/2500 RTJ

HPV-43FS-1500 • Full Bore • 1/2" – 2" (DN15 - DN50)

HPV-43FS-2500 • Full Bore • 1/2" – 2" (DN15 - DN50)

<b>Body</b>	AISI1025 / AISI316 ( bar material )
<b>Ball / Stem</b>	CF8M / 17-4PH
<b>Seat</b>	Delrin / Peek
<b>Temperature Range</b>	-4 to 176°F (-20 to 80 °C) for Delrin
	-4 to 500°F (-20 to 260 °C) for PEEK

### HPV-40FS

API 607 5th / ISO 10497-5 / BS 6755 Part II



#### Design Feature

- ANSI B16.34 Class 1500 design
- Blow-out proof stem
- Anti-static design
- ISO 5211 mounting flange
- End Connection: Threaded, Socket weld, Butt weld

HPV-40FS • 3600 Psi • Full Bore • 1/4" – 2" (DN8 - DN50)

HPV-40FSA • 3600 Psi • Reduced Bore • 1/4" – 2" (DN8 - DN50)

<b>Body</b>	AISI1025 / AISI316 ( bar material )
<b>Ball / Stem</b>	CF8M / 17-4PH
<b>Seat</b>	Delrin / Peek
<b>Working pressure</b>	3000 psi ( PN 260 )
<b>Temperature Range</b>	-4 to 176°F (-20 to 80 °C) for Delrin
	-4 to 500°F (-20 to 260 °C) for PEEK

### HPV-41FS

API 607 5th / ISO 10497-5 / BS 6755 Part II



#### Design Feature

- ANSI B16.34 Class 2500 design
- Blow-out proof stem
- Anti-static design
- ISO 5211 mounting flange
- End Connection: Threaded, Socket weld, Butt weld

HPV-41FS • 6000 Psi • Full Bore • 1/4" – 2" (DN8 - DN50)

HPV-41FSA • 6000 Psi • Reduced Bore • 1/4" – 2" (DN8 - DN50)

<b>Body</b>	AISI1025 / AISI316 ( bar material )
<b>Ball / Stem</b>	CF8M / 17-4PH
<b>Seat</b>	Delrin / Peek
<b>Working pressure</b>	6000 psi ( PN 420 )
<b>Temperature Range</b>	-4 to 176°F (-20 to 80 °C) for Delrin
	-4 to 500°F (-20 to 260 °C) for PEEK