

Double-Seated Iron Normally Open

2- 1/2" – 10"

APPLICATION:

Control of Saturated Steam; Water; Water and Glycol Solutions to 50%. Seat Closure ANSI Class III*

CONSTRUCTION:

Body: ANSI B16.1 Iron 125lb Flange or 250lb Flange
 Trim: EQ%, Bronze or 300 Series Stainless Steel
 Stem: 316 Stainless Steel
 Bonnet: Brass
 Packing: Guided Low-Friction TFE V-Ring, Self Adjusting

TRIM LIMITS (Flowing Differential Pressure):

Brz Trim: Liquids or Steam to 40 PSID
 S/S Trim: Liquids or Steam to 100 PSID

BODY PRESSURE-TEMPERATURE RATINGS:

Temp.	125 FLG (ratings are PSIG)	250 FLG (ratings are PSIG)
+32 to 150° F	175	400
350° F	125	280
400° F	–	250

CONFIGURATIONS:

Select Valve and Actuator Code in Tables:

Valve					50 Actuator 20 PSIG Supply			
Cv	Size	Flng.	Trim	Valve Code	3-8 PSIG Range		w. 42 Positioner	
					Shut Off PSID	Actuator Code	Shut Off PSID	Actuator Code
70	2.5	125	BRZ	VA2210CA	100	D000	100	D002
70	2.5	125	S/S	VA2210CC	100	D000	100	D002
70	2.5	250	BRZ	VA2210DA	100	D000	100	D002
70	2.5	250	S/S	VA2210DC	100	D000	100	D002
100	3	125	BRZ	VA2211CA	100	D000	100	D002
100	3	125	S/S	VA2211CC	100	D000	100	D002
100	3	250	BRZ	VA2211DA	100	D000	100	D002
100	3	250	S/S	VA2211DC	100	D000	100	D002
200	4	125	BRZ	VA2213CA	100	D000	100	D002
200	4	125	S/S	VA2213CC	100	D000	100	D002
200	4	250	BRZ	VA2213DA	100	D000	100	D002
200	4	250	S/S	VA2213DC	100	D000	100	D002

NOTES:

- 1) Inlet Pressure cannot exceed Body Pressure-Temperature Rating.
- 2) Shut-off PSID is per stated ANSI Shut-off Classification.
- 3) Flowing PSID for water service should be no greater than 2/3 of Inlet Pressure unless verified for absence of cavitation with Warren Valve Sizing Program.

Valve					84 Actuator 20 PSIG Air Supply							
Cv	Size	Flng.	Trim	Valve Code	3-9 PSIG Range		3-15 PSIG Range		w.42 Positioner		w.760P Positioner	
					Shut Off PSID	Actuator Code	Shut Off PSID	Actuator Code	Shut Off PSID	Actuator Code	Shut Off PSID	Actuator Code
70	2.5	125	BRZ	VA2210CA	175	D006	175	D004	175	D010	175	D014
70	2.5	125	S/S	VA2210CC	175	D006	175	D004	175	D010	175	D014
70	2.5	250	BRZ	VA2210DA	400	D006	400	D004	400	D010	400	D014
70	2.5	250	S/S	VA2210DC	400	D006	400	D004	400	D010	400	D014
100	3	125	BRZ	VA2211CA	175	D006	175	D004	175	D010	175	D014
100	3	125	S/S	VA2211CC	175	D006	175	D004	175	D010	175	D014
100	3	250	BRZ	VA2211DA	400	D006	400	D004	400	D010	400	D014
100	3	250	S/S	VA2211DC	400	D006	400	D004	400	D010	400	D014
200	4	125	BRZ	VA2213CA	175	D006	175	D004	175	D010	175	D014
200	4	125	S/S	VA2213CC	175	D006	175	D004	175	D010	175	D014
200	4	250	BRZ	VA2213DA	400	D006	312	D004	400	D010	400	D014
200	4	250	S/S	VA2213DC	400	D006	312	D004	400	D010	400	D014
260	5	125	BRZ	VA2214CA	175	D007	175	D005	175	D011	175	D015
260	5	125	S/S	VA2214CC	175	D007	175	D005	175	D011	175	D015
260	5	250	BRZ	VA2214DA	400	D007	202	D005	400	D011	400	D015
260	5	250	S/S	VA2214DC	400	D007	202	D005	400	D011	400	D015
350	6	125	BRZ	VA2215CA	175	D007	125	D005	175	D011	175	D015
350	6	125	S/S	VA2215CC	175	D007	125	D005	175	D011	175	D015
350	6	250	BRZ	VA2215DA	400	D007	125	D005	400	D011	400	D015
350	6	250	S/S	VA2215DC	400	D007	125	D005	400	D011	400	D015
680	8	125	BRZ	VA2217CA	175	D007	0	-	175	D011	175	D015
680	8	125	S/S	VA2217CC	175	D007	0	-	175	D011	175	D015
680	8	250	BRZ	VA2217DA	400	D007	0	-	400	D011	400	D015
680	8	250	S/S	VA2217DC	400	D007	0	-	400	D011	400	D015
960	10	125	BRZ	VA2219CA	175	D007	0	-	175	D011	175	D015
960	10	125	S/S	VA2219CC	175	D007	0	-	175	D011	175	D015
960	10	250	BRZ	VA2219DA	306	D007	0	-	306	D011	306	D015
960	10	250	S/S	VA2219DC	306	D007	0	-	306	D011	306	D015

*For additional applications, shut-offs, and products call: 800-922-0085 or visit: www.WarrenControls.com

