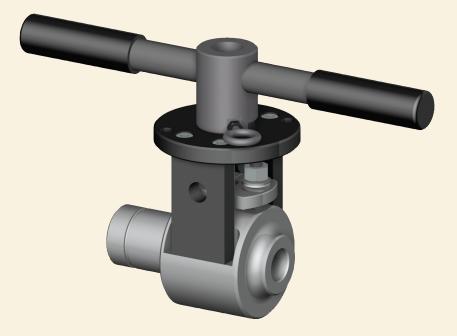
ACCUSEAL® SPV METAL SEATED BALL VALVE FOR POWER





GENERAL DESCRIPTION:

The Array Accuseal[®] SPV Metal Seated Ball Valve for Power offers a proven design, precision machining, and advanced engineering creating a reliable metal seated isolation valve for critical equipment within the Power industry.

Advances in coating technology and design allow the SPV to provide absolute isolation with longer life expectancy in critical service applications. Chrome Carbide Plus and Specialty Fusion coatings make the SPV the leader in Metal Seated Ball Valve sealing integrity.

Additionally, Array offers a complete line of AccuSeal[®] Ball Valves for Power applications including our CSV Critical Service Ball Valve which utilizes the same high integrity coatings as found on the SPV.

FEATURES AND BENEFITS

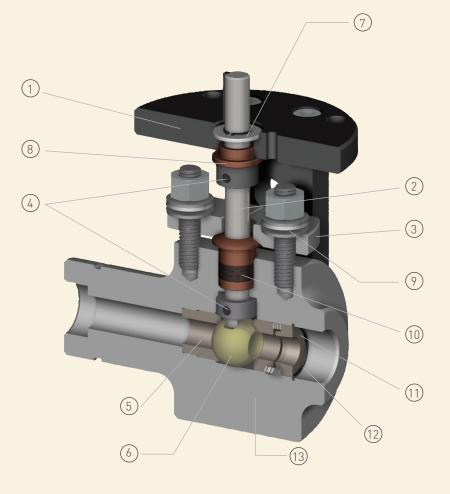
- 1/2" thru 2 1/2 Nominal Pipe Sizes
- 1500 lbs thru 4500 lbs ASME Limited Class
- Carbon Steel, SA182-F22, SA182-F91 plus other body materials
- Stainless Steel and Inconel Trim
- Chrome Carbide Plus Coated for Increased Performance
- Fused Coatings Available for the Most Stringent Applications
- ASME B16.34 Compliant Blow Out Proof Stems

- Larger Bores
- Higher Flows
- Optimized Flow Paths
- Bubble Tight Shut-Off
- ISO 5211 for Easy Automation
- Integral Stops, No Guess Work
- Butt Weld End Connects Available
- Axially Secured Stem Prevents it From Being Pushed Down During Automation

ACCUSEAL® SPV METAL SEATED BALL VALVE FOR POWER PARTS LIST



N0.	DESCRIPTION
1	Mounting Flange Drilled with ISO Mounting Pattern
2	ASME B16.34 Compliant Stem
3	Articulating Gland Flange
4	Retaining Pin
5	Pressed-In Seat
6	Mate-Lapped Ball and Seat
7	Stem Retainer
8	External Stem Bearing
9	Live Loading Belleville Springs
10	Grafoil Packing
11	Transition Piece
12	Load Ring/Retaining Ring
13	Single Piece Body

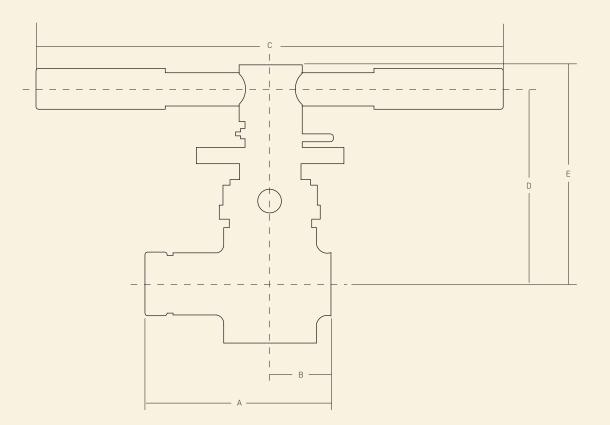


Limited Class Pressure Ratings vs. Temperature (ANSI B16.34)

Temp.	00°															
(°F)	-20° to 100°	200°	300°	400°	500°	600°	650°	700°	750°	800°	850°	900°	950°	1000°	1050°	1100°
Temp. (°C)	-29° to 38°	93°	149°	204°	260°	316°	343°	371°	399°	427°	454°	482°	510°	538°	566°	593°
A105	3750	3750	3700	3665	3665	3665	3575	3455	3170	2570	n/a	n/a	n/a	n/a	n/a	n/a
F22	3750	3750	3695	3640	3620	3605	3580	3535	3535	3535	3385	3000	2411	1784	1170	732
F91	3750	3750	3750	3750	3750	3750	3750	3665	3645	3600	3385	3000	2411	2249	2249	2014
A105	8000	8000	7897	7816	7816	7816	7629	7371	6765	5485	n/a	n/a	n/a	n/a	n/a	n/a
F22	8000	8000	7885	7762	7725	7691	7634	7543	7543	7543	7225	6400	5269	4131	2701	1695
F91	8000	8000	8000	8000	8000	8000	8000	7819	7771	7680	7225	6400	5269	5199	5199	4662
A105	11250	11250	11105	10995	10995	10995	10730	10365	9515	7715	n/a	n/a	n/a	n/a	n/a	n/a
F22	11250	11250	11090	10915	10865	10815	10735	10605	10605	10605	10160	9000	7555	6213	4063	2546
F91	11250	11250	11250	11250	11250	11250	11250	10995	10930	10800	10160	9000	7555	7817	7817	7006
	Temp. (°C) A105 F22 F91 A105 F22 F91 A105 F22	Temp. -29° to 38° [°C] to 38° A105 3750 F22 3750 F91 3750 A105 8000 F22 8000 F91 8000 F22 8000 F21 8000 F22 11250 A105 11250	Temp. -29° 93° [°C] to 38° 93° A105 3750 3750 F22 3750 3750 F91 3750 3750 F92 8000 8000 F22 8000 8000 F22 8000 8000 F91 8000 11250 F91 11250 11250	Temp. -29° 93° 149° (°C) to 38° 93° 149° A105 3750 3750 3700 F22 3750 3750 3695 F91 3750 3750 3750 A105 8000 8000 7885 F91 8000 8000 8000 F22 8000 8000 1105 F91 8000 8000 11105 F22 11250 11250 11090	Temp. (°C)-29° to 38°93°149°204°A1053750375037003665F223750375036953640F913750375037503750A1058000800078977816F228000800078857762F918000800080008000F2111250112501110510995F2211250112501109010915	Temp. (°C) -29° to 38° 93° 149° 204° 260° (°C) to 38° 93° 149° 204° 260° A105 3750 3750 3700 3665 3665 F22 3750 3750 3695 3640 3620 F91 3750 3750 3750 3750 3750 A105 8000 8000 7897 7816 7816 F22 8000 8000 7885 7762 7725 F91 8000 8000 8000 8000 8000 F22 8000 8000 11250 10995 10995 F22 11250 11250 11090 10915 10865	Temp. -29° 93° 149° 204° 260° 316° (°C) to 38° 93° 149° 204° 260° 316° K105 3750 3750 3700 3665 3665 3665 F22 3750 3750 3695 3640 3620 3605 F91 3750 3750 3750 3750 3750 3750 A105 8000 8000 7897 7816 7816 7816 F22 8000 8000 7885 7762 7725 7691 F91 8000 8000 8000 8000 8000 8000 8000 F91 8000 11250 11105 10995 10995 10995 F91 8000 11250 11090 10915 10865 10815	Temp. -29° 93° 149° 204° 260° 316° 343° (°C) to 38° 93° 149° 204° 260° 316° 343° A105 3750 3750 3700 3665 3665 3665 3575 F22 3750 3750 3695 3640 3620 3605 3580 F91 3750 3750 3750 3750 3750 3750 3750 A105 8000 8000 7897 7816 7816 7816 7629 F22 8000 8000 7885 7762 7725 7691 7634 F91 8000 8000 8000 8000 8000 8000 8000 8000 F91 8000 8000 1105 10995 10995 10995 10730 F22 11250 11250 11090 10915 10865 10815 10735	Temp. -29° 93° 149° 204° 260° 316° 343° 371° (°C) to 38° 93° 149° 204° 260° 316° 343° 371° A105 3750 3750 3700 3665 3665 3665 3575 3455 F22 3750 3750 3695 3640 3620 3605 3580 3535 F91 3750 3750 3750 3750 3750 3750 3665 L 343° 751 3455 F22 3750 3750 3695 3640 3620 3605 3580 3535 F91 3750 3750 3750 3750 3750 3750 3655 F22 8000 8000 7885 7762 7725 7691 7634 7543 F91 8000 8000 8000 8000 8000 8000 8000 <td>Temp. -29° 93° 149° 204° 260° 316° 343° 371° 399° (°C) to 38° 93° 149° 204° 260° 316° 343° 371° 399° A105 3750 3750 3700 3665 3665 3655 3575 3455 3170 F22 3750 3750 3695 3640 3620 3605 3580 3535 3535 F91 3750 3750 3750 3750 3750 3750 3645 3645 A105 8000 8000 7897 7816 7816 7816 7629 7371 6765 F22 8000 8000 7885 7762 7725 7691 7634 7543 7543 F91 8000 8000 8000 8000 8000 8000 7771 F91 8000 8000 8000 8000 8000 8000 7819 7771<</td> <td>Temp. -29° 93° 149° 204° 260° 316° 343° 371° 399° 427° A105 3750 3750 3700 3665 3665 3575 3455 3170 2570 F22 3750 3750 3695 3640 3620 3605 3580 3535 3535 3535 F91 3750 3750 3750 3750 3750 3750 3750 3645 3645 3605 3580 3535 3535 3535 F91 3750 3750 3750 3750 3750 3750 3645 3600 K K K K K K K K 3645 3600 K K K K K K K K 3645 3600 K K K K K K K K 3645 3600 K K K <</td> <td>Temp. -29° 93° 149° 204° 260° 316° 343° 371° 399° 427° 454° A105 3750 3750 3700 3665 3665 3575 3455 3170 2570 n/a F22 3750 3750 3695 3640 3620 3605 3580 3535 3535 3535 3385 F91 3750 3750 3750 3750 3750 3750 3750 3645 3645 3645 3645 3645 3645 3645 3645 3600 3385 F91 3750 3750 3750 3750 3750 3750 3645 3600 3385 K</td> <td>Temp. -29° 93° 149° 204° 260° 316° 343° 371° 399° 427° 454° 482° A105 3750 3750 3700 3665 3665 3575 3455 3170 2570 n/a n/a F22 3750 3750 3695 3640 3620 3605 3580 3535 3535 3385 3000 F91 3750 3665 3645 3600 3385 3000 F91 3750 3750 7762 7725 7691 7634 7543 7543 7543 7225 6400 F91 8000 8000 8000 8000 8000 <t< td=""><td>Temp. -29° 93° 149° 204° 260° 316° 343° 371° 399° 427° 454° 482° 510° A105 3750 3750 3700 3665 3665 3575 3455 3170 2570 n/a n/a n/a F22 3750 3750 3695 3640 3620 3605 3580 3535 3535 3385 3000 2411 F91 3750 3750 3750 3750 3750 3750 3750 3750 3750 3750 3750 3750 3645 3600 3885 3000 2411 F91 3750 3750 3750 3750 3750 3750 3665 3645 3600 3885 3000 2411 L 7816 7816 7629 7371 6765 5485 n/a n/a 5269 F91 8000 8000 8000 <</td><td>Temp. -29° 93° 149° 204° 260° 316° 343° 371° 399° 427° 454° 482° 510° 538° A105 3750 3750 3700 3665 3665 3665 3575 3455 3170 2570 n/a n/a n/a n/a F22 3750 3750 3695 3640 3620 3605 3580 3535 3535 3385 3000 2411 1784 F91 3750 3751 3751 5435</td><td>Temp. 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ACCUSEAL® SPV METAL SEATED BALL VALVE FOR POWER DIMENSION TABLE

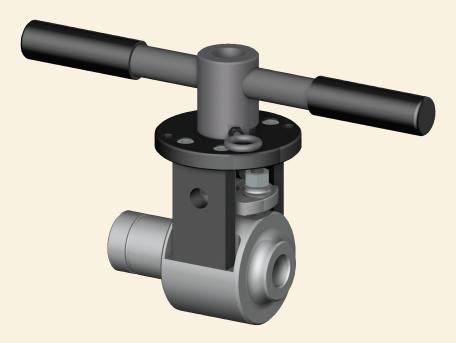




Model	Bore	А	В	С	D	E	WT
	in mm	in mm	in mm	in mm	in mm	in mm	lbs
SPV055 (1500) 1/2", 3/4", 1"	0.55 14	6.00 152	2.00 51	15 381	4.45 113	6.32 161	16
SPV055 (3200) 1/2", 3/4", 1"	0.55 14	6.00 152	2.00 51	15 381	4.45 113	6.32 161	16
SPV072 (1500) 1", 11/2"	0.72 18	6.00 152	2.38 60	15 381	4.45 113	6.32 161	16
SPV072 (3200) 1", 11/2"	0.72 18	6.00 152	2.38 60	18 457	4.54 115	6.41 163	18
SPV106 (1500) 11/2", 2"	1.06 27	7.25 184	2.63 67	18 457	5.24 133	7.11 181	31
SPV106 (3200) 11/2", 2"	1.06 27	7.25 184	2.63 67	18 457	5.27 134	7.45 189	35
SPV134 (1500) 2", 21/2"	1.34 34	8.25 210	3.13 80	18 457	5.64 143	7.82 199	45
SPV134 (3200) 2", 21/2"	1.34 34	8.25 210	3.13 80	18 457	6.25 159	8.43 214	54
SPV066 (4500) ³ /4", 1", 1 ¹ /2"	0.66 17	7.25 184	2.50 64	18 457	5.09 129	6.96 177	29
SPV100 (4500) 11/2", 2", 21/2"	1.00 25	8.25 210	2.88 73	18 457	6.25 159	8.43 214	52
SPV169 (1500) 2", 2 ¹ / ₂ "	1.69 43	8.50 216	3.50 89	n/a n/a	7.60 193	n/a n/a	78

ACCUSEAL[®] SPV METAL SEATED BALL VALVE FOR POWER





LIMITED PRODUCT WARRANTY (SPECIAL WARRANTIES AVAILABLE)

The following warranty is exclusive and in lieu of all other warranties. Whether express, implied or statutory, including, but not by way of limitation, any warranty of merchantability or fitness for any particular purpose.

Array Products warrants to each original buyer of products manufactured by Array that such products are free from defects in material and workmanship under normal use and service for a period of one (1) year from the date of shipment provided that no warranty is made with respect to: Any product which has been repaired or altered in such a way in ARRAY's judgment, as to affect the product adversely; Any product which has, in ARRAY's judgment, been subject to negligence, accident or improper storage; Any product which has not been operated or maintained in accordance with normal practice and in conformity with recommendations and public specification of Array. ARRAY's obligation under this Warranty is limited to use reasonable efforts to repair, replace or, at it's option, refunding the purchase price. The cost of labor for installing a repair or replacement product shall be borne by Purchaser. Replacement parts provided under the terms of this Warranty are warranted for the remainder of the warranty period of the products upon which they are installed to the same extent as if such parts were original components thereof. Warranty services provided there under do not assume any liability for damages caused by any delays involving warranty service. For complete specification information, prices and name, address and telephone number of the ARRAY representative nearest you, call or write to us at the address below.

ARRAY HOLDINGS, INC., D.B.A. ARRAY PRODUCTS

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