



V210 Series V Type Segmented Ball Valves

PROVAL Ball Sector (Segment) valves are specially designed for control applications of various medium like liquids, Washers and steam.

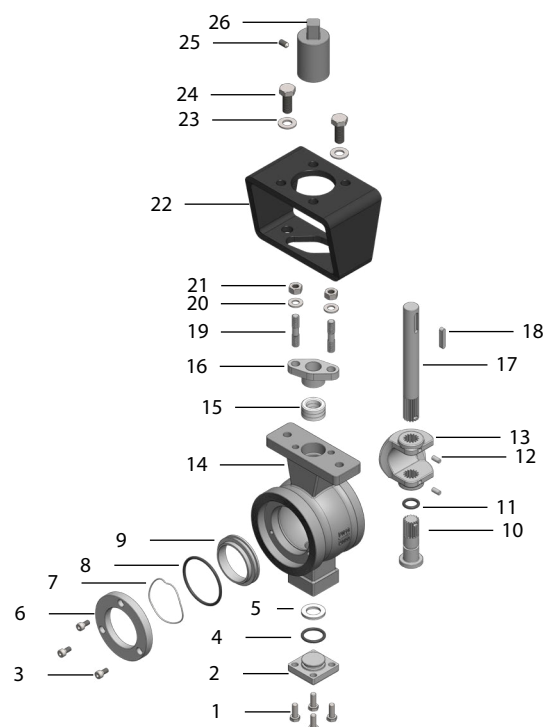
V210 Series valves are used for sticky and crystallizing mediums, because of cleaning function of metal seat for both control and on/off applications where standard PTFE seated valves does not last for long. If the medium contains solid particles, the geometry of metal seat and segment will warranty better function than standard valves.

Metal Seated valves meet the leakage performance of ANSI FCI 70-2 Class IV while PTFE seated valves provide zero leakage, tight shut-off to Class VI.

The wafer pattern segment valves are reduced bore type manufactured in stainless steel throughout with a hard chromed ball sector and Steelite or PTFE seat. The V-port gives an excellent control characteristic which is intermediate between linear and equal percentage.



Balls segmented with a various degrees of V angle are available, in order to achieve more precise control and desired flow characteristics.



Material List

No	Part Name	Qty	Material
1	Cap Screw	4	AISI304
2	Plug	1	WCB / AISI304 / AISI316
3	Screw	3	AISI316
4	O-Ring	1	FKM (Viton)
5	Washer	1	PTFE
6	Plug	1	AISI316
7	Spring	1	AISI316
8	O-Ring	1	FKM (Viton)
9	Seat	1	AISI316+HCr
10	Lower Stem	1	X20Cr13 / AISI304 / AISI316
11	O-Ring	1	FKM (Viton)
12	Pin	2	AISI304 / AISI316
13	Ball	1	AISI304+HCr / AISI316+HCr
14	Body	1	WCB / AISI304 / AISI316
15	Bush	1	AISI304+PTFE / AISI316+PTFE
16	Gland	1	WCB / AISI304 / AISI316
17	Upper Stem	1	AISI304 / AISI316
18	Key	1	X20Cr13 / AISI304 / AISI316
19	Screw	1	AISI304 / AISI316
20	Washer	2	AISI304 / AISI316
21	Somun	2	AISI304 / AISI316
22	Yoke	1	Carbon Steel
23	Washer	2	AISI304 / AISI316
24	Screw	2	AISI304 / AISI316
25	Set screw	1	AISI304
26	Stem Coupler	1	WCB / AISI304 / AISI316



Pneumatically Actuated
Segmented Ball Valve

