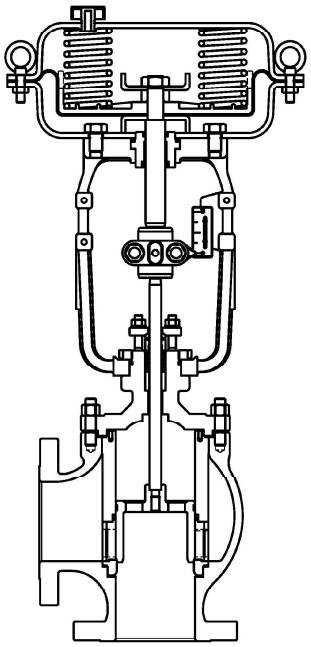
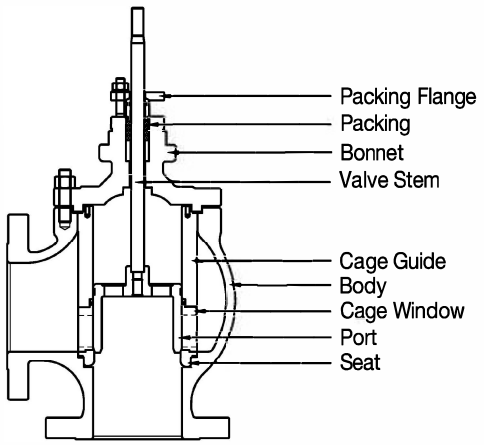
GLOBE VALVE

2 WAY ANGLE PATTERN TYPE

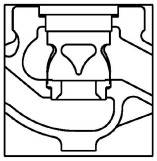


1. INTRODUCTION : ANGLE PATTERN TYPE

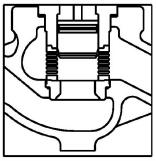
7100/7200 Series : Angle pattern control valve has been designed and manufactured to suit fluids with high differential pressure, high density, slurry and high viscosity. Depending on the structure of the interior trim, it has outstanding features supporting the structure minimizing wear and tear of the body caused by the vortex. Its quick interchangeable top entry type structure enables simple maintenance and repair without disassembling pipelines. It is excellent at coping and adjusting to changes in fluid amount and changes in characteristics in the process line. It is considered economical, because it does not require many additional accessories.



Genearal Cage Type



Cage Window
(VM-1300)



Multi Hole
(VM-1320)

2. INNER STRUCTURE & STANDARD SPECIFICATIONS

Pressure Rating
Ansi Class 150, 300, 600, 900, 1500

End Connection
Flange End : FF, RF, RTJ, SW, BW, etc.

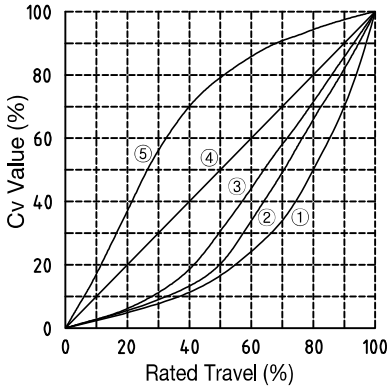
Material
Body : A216-WCB, A351-CF8/CF8M/CF3/CF3M, etc.
Trim : A276-304/316/304L/316L, etc.
Gasket : A240-316 + Graphite Spiral Wound, etc.

Flow Direction
FTC : Flow action to Close

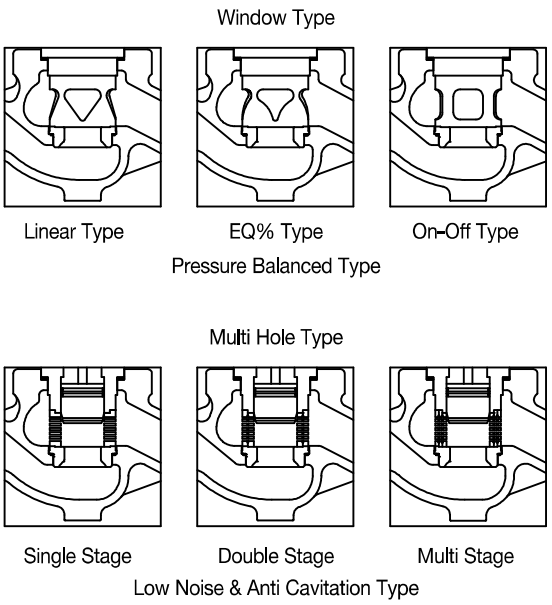
GLOBE VALVE

2 WAY ANGLE PATTERN TYPE

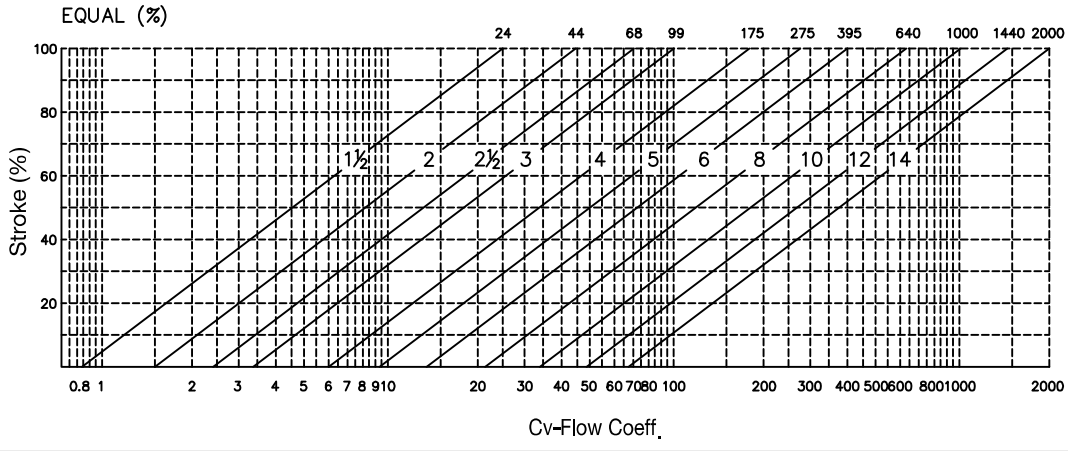
3. CAGE TYPE



① Equal Percentage
② Parabolic
③ Modified Parabolic
④ Linear
⑤ Quick Change



4. EQUAL PERCENTAGE FLOW CHARACTERISTICS



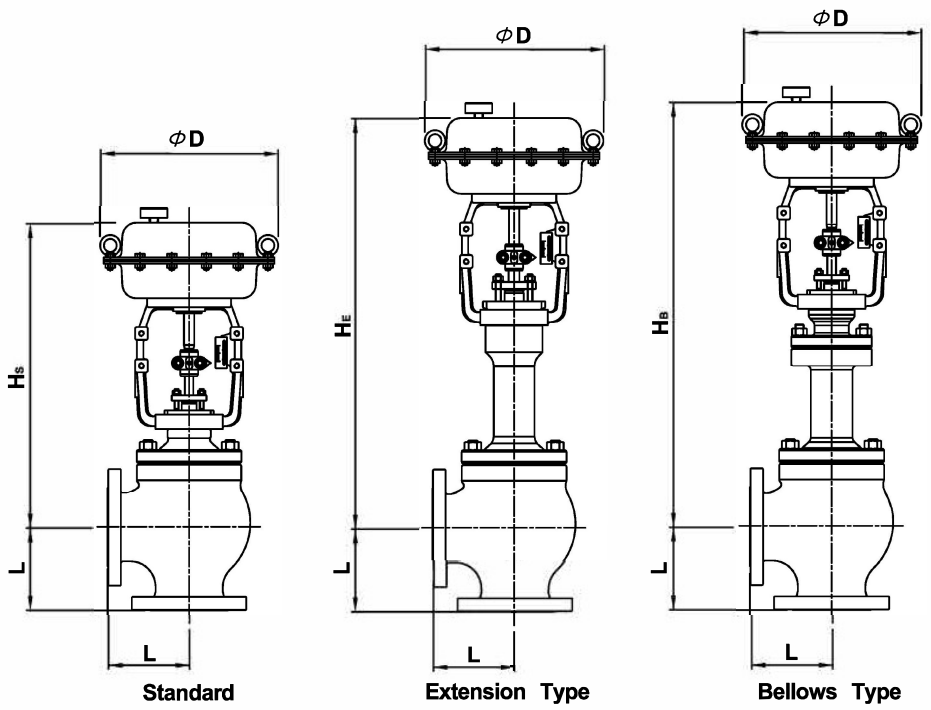
5. STANDARD SIZE & Cv VALUE

Valve Type		2 Way Globe For Angle Pattern Type											Remark
Size	inch	1/2	2	2 1/2	3	4	5	6	8	10	12	14	
	mm	40	50	65	80	100	125	150	200	250	300	350	
Rated Travel (mm)		25	25	25	38	38	50	50	75	100	100	100	
Cv Value (Full)	Control Type	28 40 55		70 90	130	180	280	480	660	1200	1600	2000	
	On-off Type	50	60	80	140	190	300	500	700	1250	1680	2100	

GLOBE VALVE

2 WAY ANGLE PATTERN TYPE

9. STANDARD EXTERNAL DIMENSIONS



Unit : mm

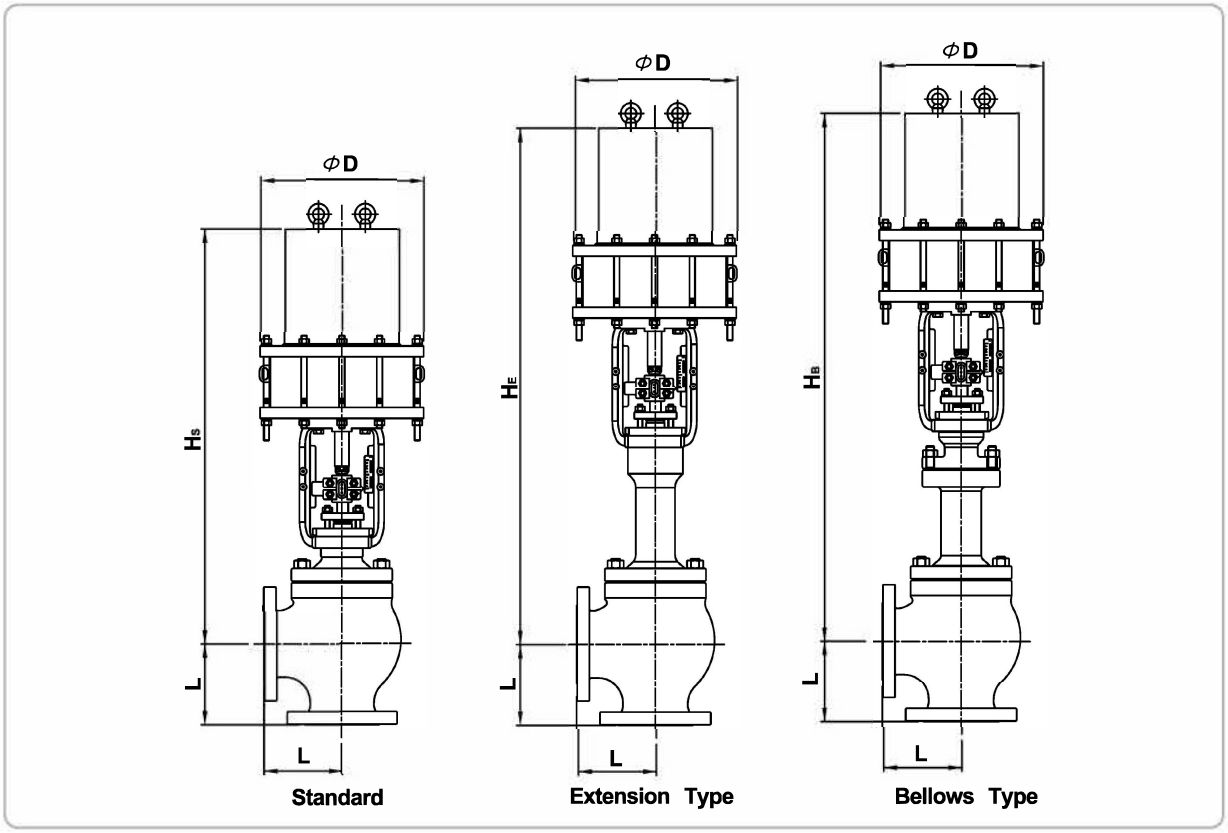
Size(Inch)	150Lb RF				300Lb RF				ϕD
	Hs	HE	HB	L	Hs	HE	HB	L	
	Standard	Extension	Bellows	Face To Face	Standard	Extension	Bellows	Face To Face	
1 1/2	480(18.8)	570	570	111	480	570	570	118	270
2	480(18.8)	575	575	127	480	575	575	134	270
2 1/2	595(23.4)	695	695	138	595	715	715	159	365
3	595(23.4)	715	715	149	595	715	715	159	365
4	610(24)	730	730	176	610	730	730	184	365
5	795(31.2)	925	925	202	795	925	925	213	450
6	880(34.6)	1025	1025	226	880	1025	1025	237	450
8	990(38.9)	1040	1040	272	990	1040	1040	284	450
10	995(39.1)	1155	1155	337	995	1155	1155	354	450
12	1085(42.7)	1355	1355	369	1085	1355	1355	388	620
14	1215(47.8)	1395	1395	445	1215	1395	1395	464	620

NOTE

Face to face dimensions conform to IEC 534-3 : 1976 Specifications.

GLOBE VALVE

2 WAY ANGLE PATTERN TYPE



Unit : mm

Size(Inch)	600Lb RF				900Lb RF				ΦD
	HS	HE	HB	L	HS	HE	HB	L	
	Standard	Extension	Bellows	Face To Face	Standard	Extension	Bellows	Face To Face	
1 1/2	480(18.8)	570	570	126	495	595	595	159	270
2	480(18.8)	575	575	143	495	600	600	170	270
2 1/2	595(23.4)	695	695	156	615	725	725	183	365
3	595(23.4)	715	715	149	595	715	715	159	365
4	610(24)	730	730	197	630	750	750	232	365
5	795(31.2)	925	925	229	815	945	945	294	450
6	880(34.6)	1025	1025	254	900	1040	1040	300	450
8	990(38.9)	1040	1040	305	1010	1070	1070	392	450
10	995(39.1)	1155	1155	376	1025	1185	1185	432	450
12	1085(42.7)	1355	1355	410	1215	1390	1390	508	620
14	1215(47.8)	1395	1395	486	1245	1420	1420	629	620

NOTE

Face to face dimensions conform to IEC 534-3 : 1976 Specifications.