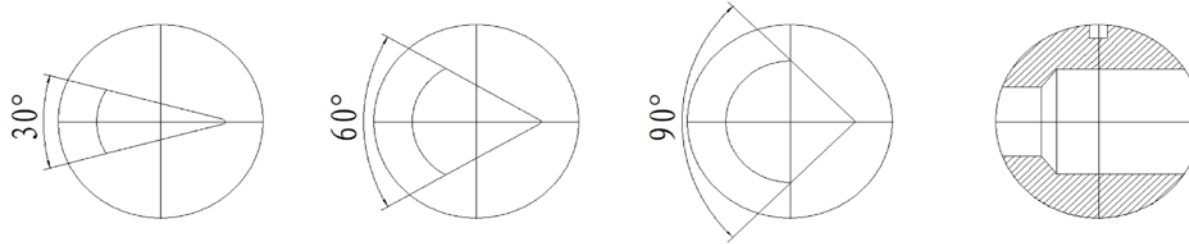


Rated Flow Coefficient Of Control Valves														1CV=1.167KV	
Nominal Diameter(DN)	DN20、 DN25														
Diameter of Seat	3	3	4	4	5	6	7	8	10	12	15	20	25		
CV	0.01	0.04	0.1	0.16	0.25	0.4	0.63	1.0	1.6	2.5	4.0	6.3	10		
KV									1.6	2.5	4.0	6.3	10		
Rated Stroke Length	16														
Nominal Diameter(DN)	32	40	50	65	80	100	125	150	200	250	300	350	400		
Diameter of Seat	32	40	50	65	80	100	125	150	200	250	300	350	400		
CV	17	24	44	68	99	175	275	360	640	960	1300				
KV	16	25	40	63	100	160	250	400	630	900	1300	1800	2500		
Rated Stroke Length	25			40			60			100					
Rated Stroke Length Of Ball Valves															
Nominal Diameter(DN)	15	20	25	32	40	50	65	80	100	125	150	200	250	300	
Lined O-Notch Ball(CV)	20	38	72	93	145	230	406	576	940	1404	2050	3590	5128	7359	
Metal V-Notch Ball (CV)	1	3	5	27	47	70	135	210	390	560	790	1130	1860	2900	4320
Metal V-Notch Ball (KV)	0.8	2.5	4.3	23	40	60	115	180	335	480					



DN	Angle	0%	15%	20%	30%	40%	50%	60%	70%	80%	90%	100%
15	30°	0	0.1	0.1	0.2	0.3	0.5	0.8	1.1	1.6	2.2	2.6
	60°	0	0.1	0.1	0.3	0.5	0.9	1.4	2	3.3	4.4	6
	90°	0	0.1	0.2	0.4	0.6	0.9	1.5	2.2	3.8	5.4	6.9
20	30°	0	0.1	0.2	0.5	0.7	1.1	1.8	2.4	3.3	4.5	5.4
	60°	0	0.1	0.2	0.7	1	1.7	2.8	4	6.5	9	12
	90°	0	0.2	0.4	0.8	1.2	2	3.1	4.6	8	11.3	14
25	30°	0	0.1	0.3	0.8	1.3	2.3	3.5	5.1	7.8	8.5	10
	60°	0	0.2	0.4	1.1	1.8	3.5	5.3	7.9	12.3	15.3	21
	90°	0	0.2	0.6	1.8	3.4	5.1	8.1	11.4	16	21	29
32	30°	0	0.2	0.4	1.1	2	3.7	5.5	8	10	13	15
	60°	0	0.2	0.6	1.8	3	5.5	9.5	12.8	19	26	39
	90°	0	0.3	0.8	2	5	8	14	19	28	39	55

40	30°	0	0.3	0.6	1.6	3	5	7.5	11	14	17	20
	60°	0	0.4	0.8	2.5	4	8	13	19	27	40	52
	90°	0	0.4	0.9	3.5	7	13	20	31	42	63	78
50	30°	0	0.2	1.2	3.8	6	10	15	23	31	43	60
	60°	0	0.4	1.5	4.6	9	16.5	27	39	55	83	110
	90°	0	0.5	2	6	12	22	35	45	70	105	135
65	30°	0	0.1	1	4	8	12	18	28	37	62	75
	60°	0	0.4	1.5	5	10	21	34	53	75	103	150
	90°	0	0.5	1.7	7	14	28	48	70	106	160	218
80	30°	0	0.5	1.2	4	8	14	23	33	46	65	82
	60°	0	0.5	2.5	6	14	25	40	65	91	128	165
	90°	0	0.7	3.5	8	18	35	60	90	135	205	310
100	30°	0	0.6	2	6	15	29	48	71	100	130	159
	60°	0	0.7	3	11	25	40	59	90	141	212	356
	90°	0	1	3.5	16	40	75	125	190	295	442	670
150	30°	0	0.9	3.2	14	33	60	103	155	220	280	350
	60°	0	2	5	22	60	110	190	285	416	586	800
	90°	0	3	8	35	90	160	280	425	650	970	1480

Mediums Density Table

Medium (Gaseous)	Density	Medium (Liquid)	Density	Medium (Liquid)	Density
Chlorine Gas	3.21kg/m ³	Liquid Chlorine	1468kg/m ³	Ethanol (CHO)	789kg/m ³
Steam	2.53kg/m ³	Hydrochloric Acid(HCl)	1180kg/m ³	Liquid Caustic Soda	1350kg/m ³
Superheated Steam (1.0MPa/200 °C)	5.3kg/m ³	Vitriol (H ₂ SO ₄)	1830kg/m ³	Diesel Oil	835kg/m ³
Saturated Steam (1.0MPa/180 °C)	5.14kg/m ³	Water	1000kg/m ³	Petrol	725kg/m ³
Water Vapor	0.6kg/m ³	Nitrobenzene(C ₆ H ₅ NO ₂)	1205Kg/m ³	Heavy Oil	995kg/m ³
Water Vapor (Gas-Liquid mixture)	7.8kg/m ³	Liquid Ammonia(NH ₃)	617Kg/m ³		
Hydrogen Chloride (HCL)	1.629kg/m ³	Vitriol(H ₂ SO ₄)10%	1066Kg/m ³		
Air	1.29kg/m ³	Vitriol(H ₂ SO ₄)20%	1139Kg/m ³		
Sulfur dioxide (SO ₂)	2.9275kg/m ³	Vitriol(H ₂ SO ₄)30%	1218Kg/m ³		
Dry gas	1.29kg/m ³	Vitriol(H ₂ SO ₄)40%	1303Kg/m ³		
Natural Gas (Normal Temp. & Press.)	0.7174kg/m ³	Vitriol(H ₂ SO ₄)50%	1395Kg/m ³		
		Vitriol(H ₂ SO ₄)60%	1498Kg/m ³		
		Vitriol(H ₂ SO ₄)70%	1611Kg/m ³		
		Vitriol(H ₂ SO ₄)80%	1727Kg/m ³		
H ₂ (Oil Free&Degreasing)	0.09kg/m ³	Vitriol(H ₂ SO ₄)90%	1814Kg/m ³		
O ₂ (Oil Free&Degreasing)	1.43kg/m ³	Vitriol(H ₂ SO ₄)98%	1836Kg/m ³		
NH ₃ (Copper-forbidden)	0.75kg/m ³	Hydrogen Peroxide(H ₂ O ₂)	1130Kg/m ³		



ZHIPENG VALVE GROUP CO.,LTD

Parameter Table Of Control Valve Select

In order to select the control valve more suitable for any of the special working conditions , we need customers to make the following supplement to the necessary parameters of the inquired control valve.

Service Conditions	* Fluid's Name		Fluid's State	
	* Fluid's Density		Fluid's Concentration	
	* Inlet Pressure		* Outlet Pressure	
	* Working Temp.		* Max.Flow Rate	
	* Norm.Flow Rate		* Min.Flow Rate	
Accessories	* Brand Name		* Model No.	
	* Explosion Proof Class		* Air/Power Interface	
	* Manual Actuator		Solenoid Valve	
Valve Status	* Failed Position		Leakage Class	

Other Accessories: Matched Flange、 Bolt & Nut、 Sealing Gasket