

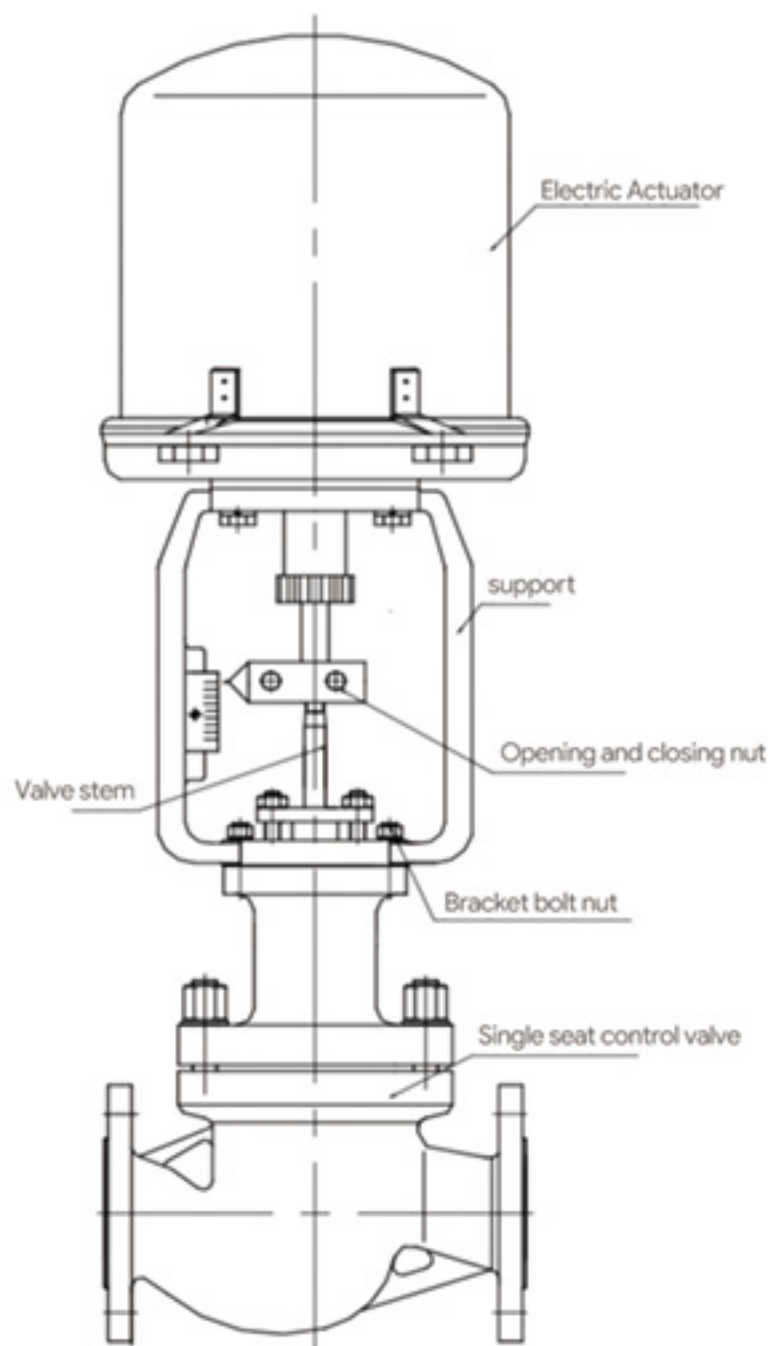


Electric Single Seat Control Valve

AEN Electric single seat control valve is mainly composed of valve body, valve seat, valve stem, guide sleeve, valve cover, seal packing and electric actuator. Electric single-seat control valve fluid channel is designed into S-type, which enables the valve of low pressure drop and high-precision adjustable range. It is one of the series of intelligent electric control valves, and also a high-performance electric single-seat control valve, which is suitable for fluids with different pressures and temperatures. The electric actuator is an electronic integrated structure with a servo amplifier. The input control signal (4-20mA DC Or 1-5VDC) and the power supply can control the valve opening to reach the pressure, flow level, temperature and other parameters. Besides, electric single-seat regulating valve has the characteristics of sensitive action, simple connection, large flow, small size and high adjustment accuracy. The most important point is that this type valve is widely used in electric power; metallurgy; petroleum; chemical field ;pharmaceutical, boiler; light industry and other industries in the automatic control system.



Single-Seat



Main Parameters

Nominal diameter(mm)	20	25	32	40	50	65	80	100	125	150	200	
Rated flow coefficient (Kv)	Straight line	6.9	11	17.6	27.5	44	69	110	176	275	440	690
	Equal ratio	6.3	10	16	25	40	63	100	160	250	400	630
Rated stroke L(mm)	16		25			40			60			
Power supply	AC220V±10% 50HZ											
Input signal	4mA.DC~20mA.DC or 1V.DC~5V.DC											
Output signal	4mA.DC~20mA.DC											
Nominal pressure PN (Mpa)	1.6,4.0,6.4(6.3)											
Inherent adjustable ratio R	50:1											
Intrinsic flow characteristics	Straight line, equal percentage											
Working temperature °C	Ordinary type: cast steel: -40~250°C, cast stainless steel: -60~250°C Heat dissipation type: Cast steel: -40~450°C, cast stainless steel: -60~560°C											
Mode of action	Electric open type (K), electric closed type (B)											
Flange size, type	GB9113.2-2000 or other standard type flanges according to user requirements (eg ANSI, JIS, DIN, etc.)											
Structure length	According to GB12221-89 standard / or according to ASME16.10											

Dimensions and Weight

unit:mm

Nominal diameter		20	25	32	40	50	65	80	100	125	150	200	
ΦA		240	240	240	255	255	270	270	270	310	310	310	
H ₁	PN16	58	70	75	83	93	100	110	125	143	170	170	
	PN40	58	70	75	83	93	100	110	125	143	170	170	
	PN64	70	78	85	90	103	108	125	148	173	208	208	
H	Normal type	PN16	635	644	689	722	747	984	1020	1045	1311	1371	1462
		PN40	635	644	689	722	747	984	1020	1045	1311	1371	1462
		PN64	662	674	725	770	780	1022	1033	1067	1343	1433	1826
	Heat sink type	725	732	755	790	795	1002	1070	1072	1310	1413	1576	
Bellows seal type		755	742	775	862	865	1072	1140	1129	1385	1543	1686	
Weight (kg)	Normal type	PN16	50	52	54	56	58	75	87	95	132	135	155
		PN40	50	52	54	56	58	75	87	95	132	135	155
		PN64	53	56	58	65	68	84	110	129	177	180	210

Flange Connection Dimension

Nominal diameter		20	25	32	40	50	65	80	100	125	150	200
Flange face distance L	PN16	150	160	180	200	230	290	310	350	400	480	600
	PN40	230	230	260	260	300	340	380	430	500	550	650
	PN64	105	115	140	150	165	185	200	220	250	285	340
D	PN16	105	115	140	150	165	185	200	235	270	300	375
	PN40	130	140	155	170	180	205	215	250	295	345	415
	PN64	75	85	100	110	125	145	160	180	210	240	295
D ₁	PN16	75	85	100	110	125	145	160	190	220	250	320
	PN40	90	100	110	125	135	160	170	200	240	280	345
	PN64	16	16	18	18	20	20	20	22	22	24	24
b	PN16	18	18	18	18	20	22	24	24	26	28	34
	PN40	20	24	24	26	26	26	28	30	34	36	42
	PN64	4-14	4-14	4-18	4-18	4-18	4-18	8-18	8-18	8-18	8-22	12-22
n-ø	PN16	4-14	4-14	4-18	4-18	4-18	8-18	8-18	8-22	8-26	8-26	12-30
	PN40	4-18	4-18	4-22	4-22	4-22	8-22	8-22	8-26	8-30	8-33	12-36
	PN64	2x56	2x65	2x76	2x84	2x99	2x118	2x132	2x156	2x184	2x211	2x266
f _{1xD} ₂	PN16	3x51	3x58	3x66	3x76	3x88	3x110	3x121	3.5x150	3.5x176	3.5x204	3.5x260
f _{2xD} ₃	PN40	3x51	3x58	3x66	3x76	3x88	3x110	3x121	3.5x150	3.5x176	3.5x204	3.5x260
	PN64	3x51	3x58	3x66	3x76	3x88	3x110	3x121	3.5x150	3.5x176	3.5x204	3.5x260

All statements, technical information, and recommendations in this brochure are only for general use. For your specific requirements and material selection, please consult with representatives or sales of AEN .TECH. The right to change or modify the product design or product itself without prior notice is reserved.

AEN.TECH CONTACT

No. 309, Anqian Road, High-tech Zone, Anshan, Liaoning, China
E-mail: liuchangsong9688@gmail.com, ceo@asaicn.com
TEL No: +86 04122616600 www.aen-valve.com