

API VALVE

API Globe Valve

MODEL **VBV-C300** REF **EFC-221** ISSUED **05 Jun 2026**

SPECIFICATIONS

Size	NPS 1/2–NPS 20
Pressure	Class 300
End connection	flanged (RF (Raised Face)) / flanged (RTJ (Ring Type Joint)) / butt-weld

ACTUATION

- gear operation
- pneumatic — details according to actual valve working condition
- electric — details according to actual valve working condition
- hydraulic — details according to actual valve working condition

STANDARDS

Design	API
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MATERIALS

body	cast steel
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OPTIONS & NOTES

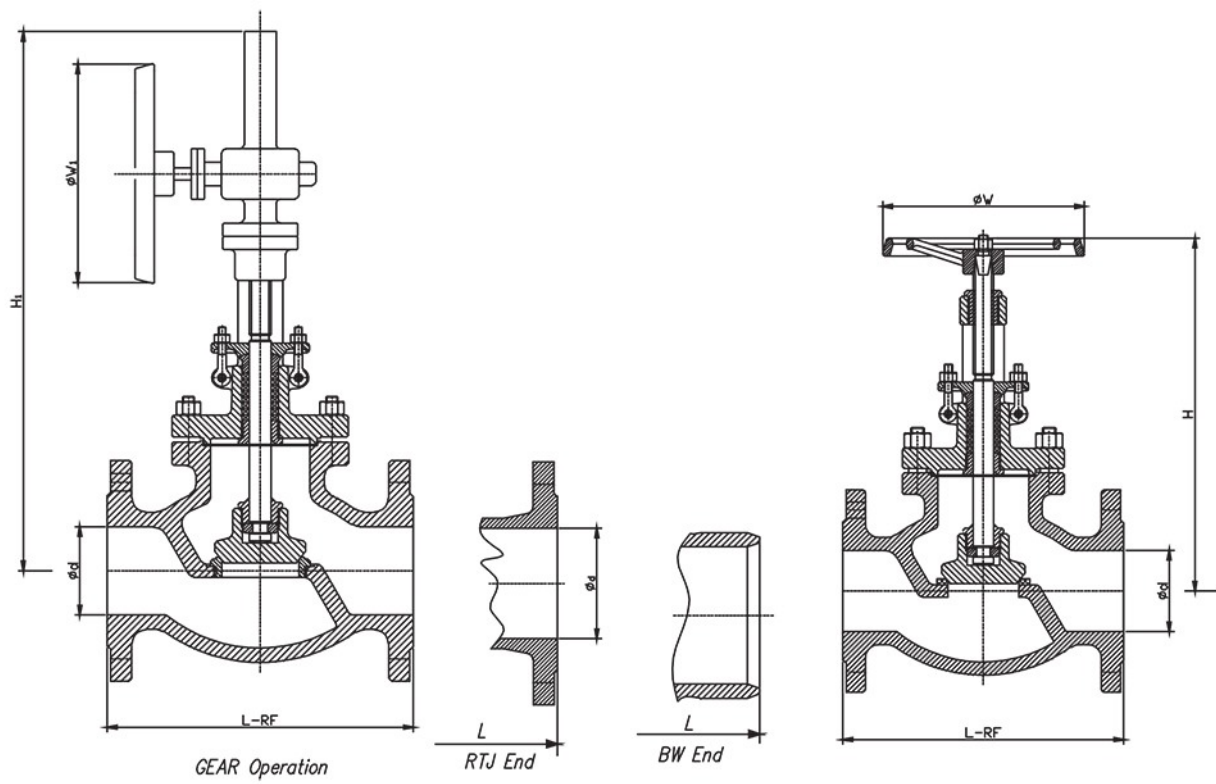
- We may provide other different actuators according to the customer's request, such as pneumatic, electric, hydraulic actuators, the details of them according to the actual valve working condition.



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SECTION Technical drawing REF EFC-221



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SECTION Dimensions per size REF EFC-221

SIZE	L_RF	L_RTJ	L_BW	D	H	W	H1	W1	WEIGHT
NPS 1/2	152	164	152	13	184	120	—	—	5 kg
NPS 3/4	178	191	178	19	226	160	—	—	6.5 kg
NPS 1	203	216	203	25	233	160	—	—	9 kg
NPS 1 1/4	216	229	216	32	253	160	—	—	12 kg
NPS 1 1/2	229	241	229	38	273	160	—	—	16 kg
NPS 2	267	283	267	51	346	200	—	—	29 kg
NPS 2 1/2	292	308	292	64	390	250	—	—	44 kg
NPS 3	318	333	318	76	403	280	—	—	59 kg
NPS 4	356	371	356	102	474	350	—	—	87 kg
NPS 5	400	416	400	127	540	350	—	—	181 kg
NPS 6	444	460	444	152	635	450	690	310	—
NPS 8	559	575	559	203	870	550	950	460	—
NPS 10	622	638	622	254	950	600	990	460	—
NPS 12	711	727	711	305	1030	700	1155	460	—

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Dimensions per size (continued) · EFC-221

SIZE	L_RF	L_RTJ	L_BW	D	H	W	H1	W1	WEIGHT
NPS 14	838	—	—	336	—	—	1155	600	—
NPS 16	864	—	—	387	—	—	1325	600	—
NPS 18	977	—	—	431	—	720	1473	—	—
NPS 20	1016	—	—	482	—	720	1574	—	—

All dimensions in millimetres unless stated otherwise. Values are nominal; tolerances confirmed at quote.