

API VALVE

API Forged Steel Gate Valve

REF **EFC-424** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	DN15 to DN50
Pressure	Class 800, Class 900, Class 1500, Class 2500
End connection	threaded (ASME B1.20.1) / socket_weld (ASME B16.11)
Face-to-face	ASME B16.11, ASME B1.20.1

STANDARDS

Design	API 602
Test	API 598



MATERIALS

Body	ASTM A105, ASTM A182 F304, ASTM A182 F316	Disc	ASTM A105, ASTM A182 F304, ASTM A182 F316
Stem	ASTM A182 F6, ASTM A182 F304, ASTM A182 F316	Bonnet	ASTM A105, ASTM A182 F304, ASTM A182 F316
Gland flange	ASTM A105, ASTM A182 F304, ASTM A182 F316	Stem nut	ASTM A276 Gr.410
Handwheel	ASTM A197		

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

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SECTION Dimensions per size REF EFC-424

SIZE	NPS	L	D	H	W	NPT	WEIGHT
DN15	1/2"	79	13	153	100	1/2"	2 kg
DN20	3/4"	92	13	153	100	3/4"	2.2 kg
DN25	1"	111	18	185	125	1"	3.6 kg
DN32	1 1/4"	120	29	222	160	1 1/4"	6.2 kg
DN40	1 1/2"	120	29	240	160	1 1/2"	6.2 kg
DN50	2"	140	36.5	279	180	2"	9.7 kg
DN15	1/2"	92	13	181	125	1/2"	3.5 kg
DN20	3/4"	111	13	181	125	3/4"	4 kg
DN25	1"	120	18	218	160	1"	6 kg
DN32	1 1/4"	120	24	237	160	1 1/4"	7 kg
DN40	1 1/2"	140	29	274	180	1 1/2"	10.8 kg
DN50	2"	160	36.8	319	200	2"	15.5 kg
DN15	1/2"	150	14	284	160	1/2"	10 kg
DN20	3/4"	150	14	284	160	3/4"	12.8 kg
DN25	1"	170	19	327	200	1"	22.5 kg
DN32	1 1/4"	200	25	374	250	1 1/4"	31.7 kg
DN40	1 1/2"	200	28	377	250	1 1/2"	33 kg
DN50	2"	250	35	434	300	2"	38 kg

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

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