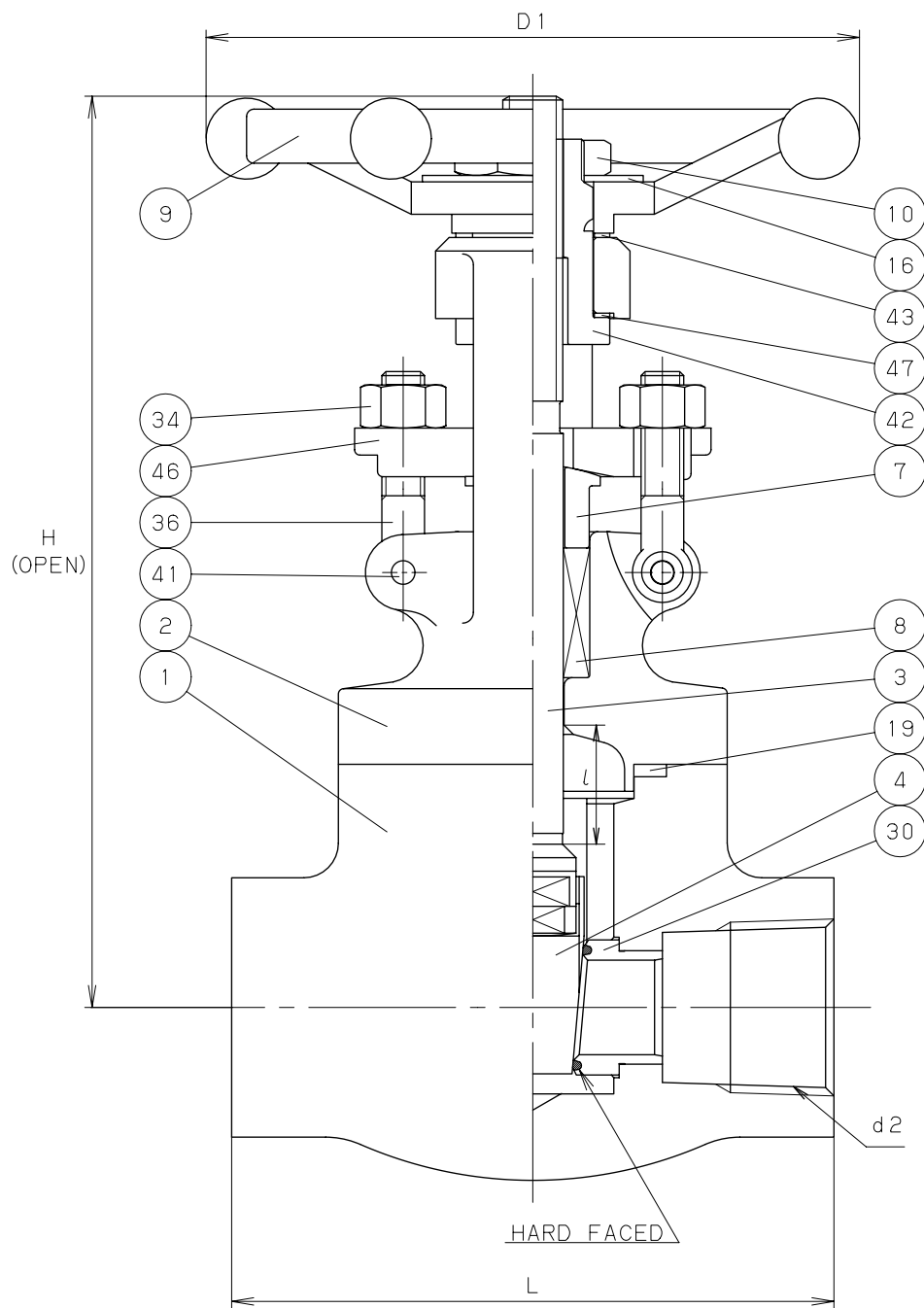




DIMENSIONS

UNIT:mm

NOMINAL SIZE		d2	H	D1	L	l	APPROX. MASS (kg)	
NPS	DN							
3/8	10	NPT 3/8	160.0	102	79	16.9	2.4	
1/2	15	NPT 1/2	160.0	102	79	16.9	2.4	
3/4	20	NPT 3/4	160.0	102	92	16.9	2.5	
1	25	NPT 1	190.0	121	111	22.7	3.6	
1.1/4	32	NPT 1.1/4	252.0	146	120	34.5	7.3	
1.1/2	40	NPT 1.1/2	252.0	146	120	34.5	7.3	
2	50	NPT 2	280.0	178	140	42.7	10.3	

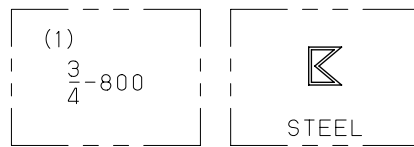
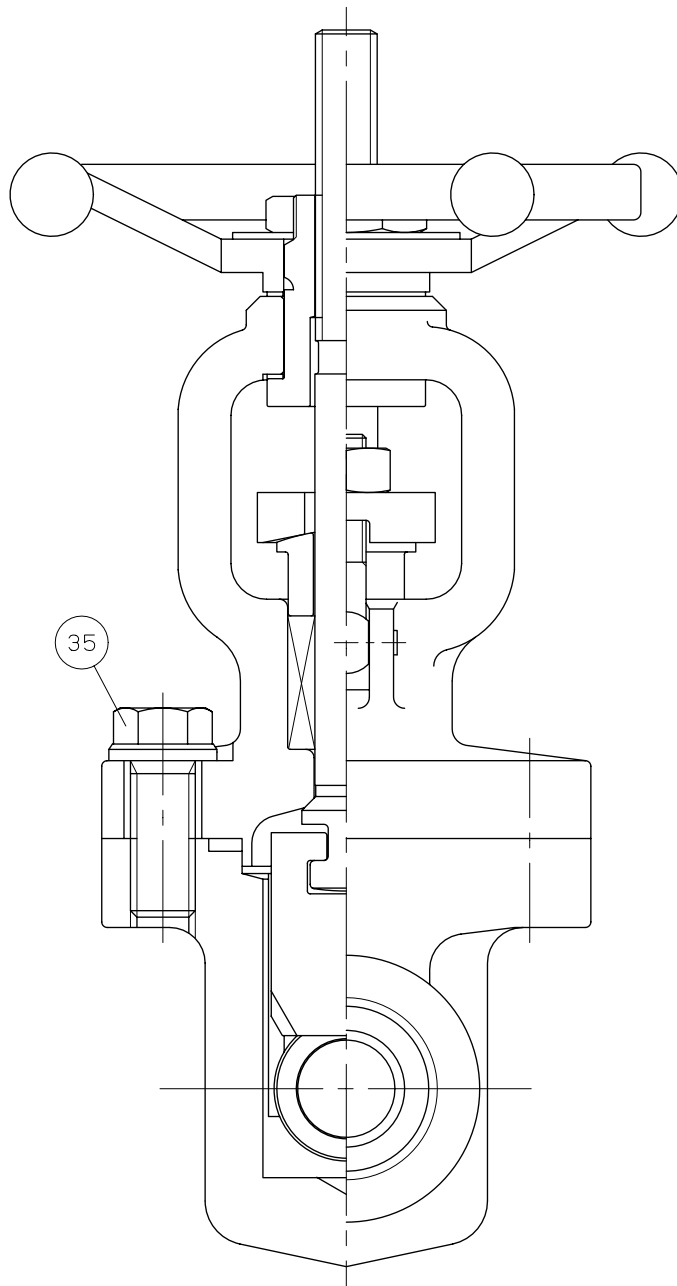
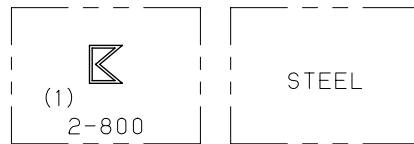
NOTE (1) VALVE SIZE IDENTIFICATION.

(2) Co-Cr-W ALLOY.

(3) SPIRAL WOUND GASKET (GRAPHITE+304).

(4) CHANGE OF SHAPE WHICH WILL NOT AFFECT THE VALUE IN THE DIMENSION TABLE.

OR RIBS AND BOSSES WHICH WILL NOT AFFECT THE VALVE INSTALLATION MAY NOT BE SHOWN IN THIS DRAWING.

SIZE $\frac{3}{8}$ ~1SIZE $\frac{1}{4}$ ~2

MARKING ON THE BODY

NO	NAME OF PARTS	QTY	MATERIALS	SPECIFICATIONS
1	BODY	1	FORGED STEEL	A105
2	BONNET	1	FORGED STEEL	A105
3	STEM	1	STAINLESS STEEL	A276 410
4	DISC	1	STAINLESS STEEL	A743 CA15+HF (2)
7	GLAND	1	STAINLESS STEEL	A276 410
8	GLAND PACKING	1S	FLEXIBLE GRAPHITE PACKING	
9	HAND WHEEL	1	DUCTILE IRON	A536
10	HANDLE NUT	1	STEEL	A36
16	NAME PLATE	1	ALUMINUM	
19	GASKET	1	(3)	
30	BODY SEAT RING	2	STAINLESS STEEL	A276 410+HF (2)
34	GLAND BOLT NUT	2	CARBON STEEL	A194 Gr.2H
35	BONNET BOLT	1S	ALLOY STEEL	A193 Gr. B7
36	GLAND BOLT	2	STAINLESS STEEL	A193 Gr. B8 OR B6
41	PIN	2	STAINLESS STEEL	A276 410
42	YOKE SLEEVE	1	STAINLESS STEEL	A276 410
43	HANDLE WASHER	1	STAINLESS STEEL	A176 430
46	GLAND FLANGE	1	CARBON STEEL	A181
47	SLEEVE WASHER	1	STAINLESS STEEL	A176 430

1S=1 SET

STANDARD	FACE TO FACE OR END TO END	KITZ STANDARD
	END CONNECTION	ASME B1.20.1
	WALL THICKNESS	ASME B16.34 CLASS 800
	PRESSURE TEST	API 598
	PRODUCT CODE	
	FIGURE	AK800SFLY

CLASS 800 FORGED STEEL
GATE VALVES

BOLTED BONNET, OUTSIDE SCREW, SCREWED ENDS.

DATE APPD	2025/09/11	DRAWING NO	△		
APPD BY	T. Nakayama	R10-A03054 REV-02	△		
CHKD BY	T. Kobayashi		△		
DSGND BY	K. Kohama		△		
DRAWD BY	E. Tonegawa		MARK	DATE	BY

KITZ CORPORATION

KITZ