

# FORGED STEEL GATE VALVES, BONNETLESS - FIG 06.5

ASME CLASS 800 / 1500  
DIN CLASS PN160 / PN 250

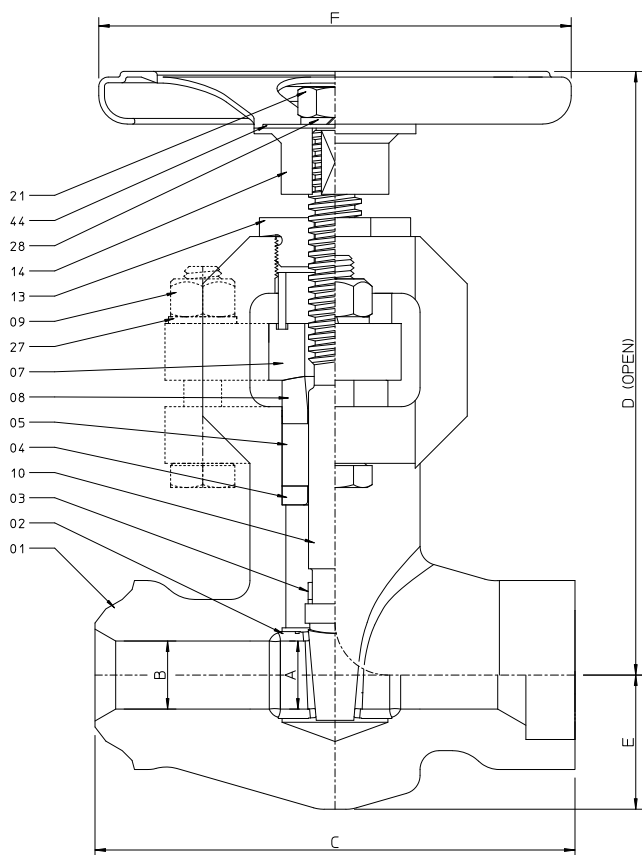


## STANDARDS

DESIGN	ASME B16.34 - DIN 3840 - EN 12516
BUTTWELDING ENDS	ASME B16.25 - DIN-EN 9692-1 - EN 12627
SOCKET WELDING ENDS	ASME B16.11 - EN 12760
OTHER END CONNECTIONS	API OR NPT FEMALE THREADS
END-TO-END DIMENSIONS	MANUFACTURER'S STANDARD
PRESSURE TESTING	ASME B16.34 - API 598 - DIN 3230 - EN 12266

## MATERIALS

01	BODY / YOKE	SA105N (1.0460)
02	SEAT	A105 / STELLITED
03	WEDGE	A217 CA15 / HARDENED
04	LOOSE BACKSEAT	AISI 304
05	STEM PACKING	GRAPHITE
07	GLAND FLANGE	A217 CA15
08	GLAND	AISI 304
09	GLAND BOLT / NUT	ASTM-A193-B7 / ASTM-A194-2H
10	STEM	13 CR (SEE BELOW)
13	YOKE SLEEVE	ALUMINIUM-BRONZE
14	HANDWHEEL	AISI 410
21	NUT	STEEL ZINC PLATED
27	SPRINGWASHER	STEEL ZINC PLATED
28	SPRINGWASHER	STEEL ZINC PLATED
44	NAMEPLATE	ALUMINIUM



## FEATURES

<b>DESIGN</b>	CONSTRUCTION	INTEGRAL BONNET (BONNETLESS) AND LOOSE BACKSEAT
	SEAT	WELDED IN STELLITED SEAT RINGS
	ACCESSORIES	LOCKING DEVICE - POSITION INDICATOR (OTHERS ON REQUEST)
<b>MATERIALS</b>	TRIM	13 CR/STELLITE (API NO 5 OR 8)
	STEM PACKING	GRAPHITE WITH INTEGRAL REINFORCED ANTI EXTRUSION RINGS

## MAIN DIMENSIONS IN MM (INCH)

NOM. SIZE	A	B	C	D	E	F	Cv	WEIGHT KG
15 (1/2")	18 (0.71)	14 (0.55)	127 (5.00)	177 (6.97)	36 (1.42)	140 (5.51)	9.8	3.1 (6.7 LB)
20 (3/4")	18 (0.71)	16 (0.63)	127 (5.00)	177 (6.97)	36 (1.42)	140 (5.51)	12.8	3.0 (6.6 LB)
25 (1")	18 (0.71)	18 (0.71)	127 (5.00)	177 (6.97)	36 (1.42)	140 (5.51)	17.2	3.0 (6.5 LB)
32 (1-1/4")	36 (1.42)	30 (1.18)	192 (7.56)	269 (10.59)	63 (2.48)	200 (7.87)	47.8	10.1 (22.3 LB)
40 (1-1/2")	36 (1.42)	30 (1.18)	192 (7.56)	269 (10.59)	63 (2.48)	200 (7.87)	47.8	10.1 (22.3 LB)
50 (2")	36 (1.42)	36 (1.42)	192 (7.56)	269 (10.59)	63 (2.48)	200 (7.87)	68.8	9.5 (20.9 LB)

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