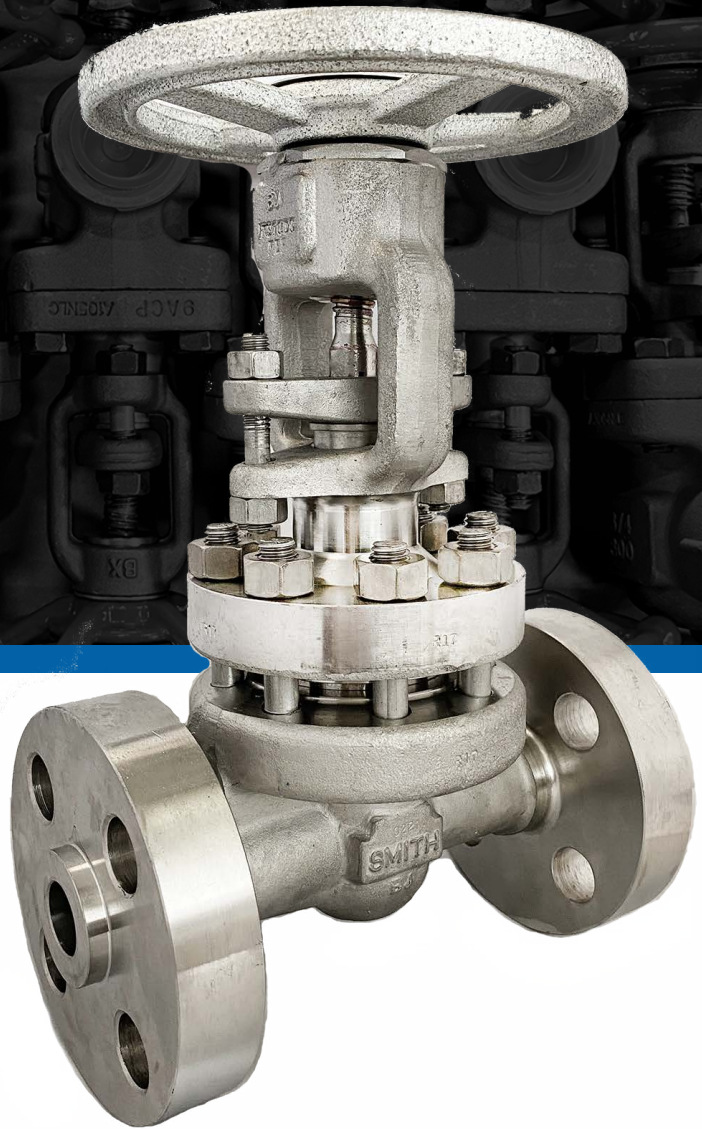




SMITH VALVES



FORGED STEEL VALVES

GATE / GLOBE / CHECK

SALES@SMITHVALVES.COM • 713.590.1312 • 13750 HOLLISTER RD. HOUSTON, TX

WWW.SMITHVALVES.COM

Part Numbering System

Valve Material Option Codes

(PREFIX) + STYLE CODE
(Reference pages 72-73) + MATERIAL SELECTION
PER TABLE BELOW

C E B 8 0 0 O S O

	BODY/BONNET COVER	API TRIM #	TRIM MATERIAL			PACKING	SPRING ⁶
			STEM	WEDGE/DISC ⁷	SEAT ⁷		
A	A182-F51	A	10	316	316	A	GRAPHITE V-RINGS
B	A182-F347	B	11	MONEL	MONEL	B	
C	A182-F5	C		MONEL K500	MONEL	C	CHESTERTON 1600
D	A182-F316H	D	9	MONEL NACE	MONEL NACE	D	
E	B564-N10276	E		INCONEL 625	HF	E	GARLOCK EVSP 9000
F	B462-N08020	F	13	ALLOY 20	ALLOY 20	F	
G	A182-F9	G		317L	317L	G	
H	A182-F321	H		347H	HF	H	
I	A182-F347H	I		347H	HF	I	INCONEL X-750 ⁶
J	A182-F316DC	J		316H	316H	J	
K	A182-F11, CL.2	K		410 NACE	420 NACE	K	
L	A182-F317DC	L		321	HF	L	
M	B564-N06625	M		316H	HF	M	BRAIDED TFE
N	A182-F22, CL.3	N		304L	304L	N	
O	A105 ²	O	8	410	420	O	GRAPHITE W/BRAIDED ENDS ⁶ 302/316L ⁶
P	A182-F91	P		INCOLOY 825	HF	P	
Q	B564-N04400	Q	18	ALLOY 20	HF	Q	
R	A182-F304DC	R		F51	F51	R	
S	A105 ²	S	12	316	316	S	SLADE 3300G
T	A350-LF2, CL.1 ³	T	5	410	HF	T	
U	A350-LF2, CL.1 ³	U		F53	HF	U	
V	A182-F304H	V		304H	304H	V	TFE V-RINGS VACUUM
W	B564-N08825	W	16	316	HF	W	GARLOCK - GRAPHITE W/ CERAMIC RING
X	A182-F53	X		HAST - C276	HAST - C276	X	TFE V-RINGS
Y	A105 ²	Y		304H	HF	Y	
Z	***	Z	***	***	***	Z	***

1. For ASTM material specification, refer to EDC 001 for body/bonnet, EDC 006 for stem, EDC 005 for wedge/disc, EDC 004 for seat, EDC 019 for packing, EDC 011 for spring

2. For A105 Body/Bonnet/Cover use O for Standard service, S for HF acid service, and Y for NACE service.

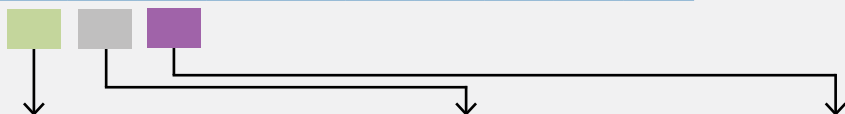
3. For A350-LF2, CL. 1 Body/Bonnet/Cover use T for Standard service, and U for NACE service.

4. For all welded valves, use "O" for the gasket code.

5. Wedges/discs base material shall be compatible with the pressure/temperature rating and at least equal in corrosion resistance as the body material.

+ VALVE SIZE - MANUFACTURING CODE
(See note 9)

G	W	1	0	0	-	#	#	#	#
---	---	---	---	---	---	---	---	---	---



GASKET		END CONNECTIONS		SIZE	
A	INCOLOY 825 + GRAPHITE	A	BWE SCH. 10	025	1/4 NPS / 8 DN
B	INCONEL 600/X750 + GRAPHITE	B	BWE SCH.20	037	3/8 NPS / 10 DN
C		C	BWE SCH. 40	050	1/2 NPS / 15 DN
D	INCONEL 600/X750 + TFE	D	BWE SCH. 80	075	3/4 NPS / 20 DN
E		E	BWE SCH.100	100	(1 NPS / 25 DN
F	ALLOY 20 + GRAPHITE	F	BWE SCH.160	125	1 1/4 NPS 40 DN
G	316 + GRAPHITE	G	BWE SCH. 180	150	1 1/2 / 40 DN
H	HAST - C276 + GRAPHITE	H	BWE SCH. XXS	200	2 NPS / 50 DN
I	347H + GRAPHITE	I		300	3 NPS / 80 DN)
J		J	RING TYPE JOINT (RTJ)		
K		K			
L	317L + GRAPHITE	L			
M	MONEL + GRAPHITE	M			
N		N			
O	316/316L + GRAPHITE OR NO GASKET ⁴	O	F- NPT THD RAISED FACE MALE EXTENSIONS		
P	X750 + THERMICULITE 835	P	PLAIN END FLANGE		
Q		Q	BRITISH (ISO 228) PARALLEL THD		
R		R	SW X REDUCED NPT		
S	METAL OCTAGONAL RING	S	NPT x REDUCED NPT		
T	316 + TFE	T			
U	304 + TFE	U	SOCKETWELD X F-NPT		
V	304L + GRAPHITE	V			
W		W	SOCKETWELD (SW)		
X	MONEL + TFE	X			
Y		Y	F-NPT X BUTTWELD		
Z	***	Z	***		

6. For spring loaded check valves only, the third digit of the material option code will represent the spring material. The letter "O" may be used for 302 or 316L stainless steel springs. 316L

7. HF = Stellite hardfaced overlay. For seats and wedges/discs where weld deposited facings are used, the base material is equal to the stem material or at least equal in corrosion

8. The grouping may be prefixed by "CE" to indicate compliance with the European Commission Pressure Equipment Directive 2014/68/EU.

9. For special requests, the grouping may also be suffixed with a MANUFACTURING CODE which will be separated from the rest of the valve figure number by a hyphen (-). New list of codes are added based on special customer requests and maintained in the Quality database. Check with Sales department for Manufacturing Code information not found here.



SMITH VALVES

Published technical data and general information are intended solely for the coverage of typical applications for users of Smith Valves products featured in this catalog. Please contact Smith Valves for specific questions, technical assistance, or to produce your own study, data and conclusions related to the quality and performance of our products to a specific application. Smith Valves is not responsible for property damage and/or personal injury that may result from failure to follow these instructions. Any information listed in this brochure is subject to change with regard to time sensitivity, error correction, product and design introduction, modification or discontinuation, as well as any other changes Smith Valves considers appropriate.

713.590.1312 • www.smithvalves.com • sales@smithvalves.com

© 2021 Smith Valves
REV_JULY2022