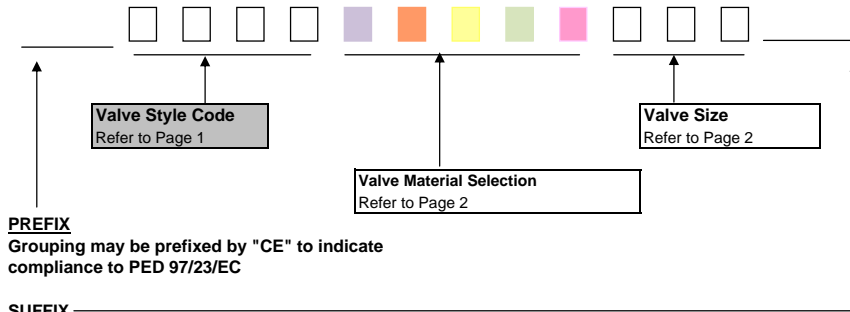


# SMITH VALVE PART NUMBERING SYSTEM



**PREFIX**  
Grouping may be prefixed by "CE" to indicate compliance to PED 97/23/EC

**SUFFIX**  
Grouping may also be suffixed by the following letters to denote special requirements:

X = Oxygen Service      V = Vented Seat

## GATE Valve Style Codes

Valve Style	Pressure Class	Flow Bore	Bonnet/Cover		Notes
			Type	Bonnet	
0800	800	CP	OS&Y	BB	
0811	800	CP	OS&Y	BB	Female NPT x Male NPT Extended Body
0812	800	CP	OS&Y	BB	Female NPT x Male Plain Extended Body
0813	800	CP	OS&Y	BB	Socket Weld x Male NPT Extended Body
0814	800	CP	OS&Y	BB	Socket Weld x Male Plain Extended Body
0815	150	CP	OS&Y	BB	
0817	150	CP	OS&Y	WB	
0830	300	CP	OS&Y	BB	
0837	300	CP	OS&Y	WB	
0850	800	CP	ISRS	BB	
0858	800	FP	ISRS	BB	
0860	600	CP	OS&Y	BB	
0867	600	CP	OS&Y	WB	
0870	800	CP	OS&Y	WB	
0874	800	CP	OS&Y	BB	Female x Butt weld Reinforced Extended Body
0875	800	CP	OS&Y	WB	Female x Butt weld Reinforced Extended Body
0876	800	CP	OS&Y	WB	Female NPT x Male NPT Extended Body
0877	800	CP	OS&Y	WB	Female NPT x Male Plain Extended Body
0878	800	CP	OS&Y	WB	Socket Weld x Male NPT Extended Body
0879	800	CP	OS&Y	WB	Socket Weld x Male Plain Extended Body
0888	800	FP	OS&Y	BB	
0890	800	CP	ISRS	WB	
0895	1500	FP	OS&Y	BB	
1500	1500	CP	OS&Y	BB	
1570	1500	CP	OS&Y	WB	
1578	1500	FP	OS&Y	WB	
1588	1500	FP	OS&Y	BB	
2570	2500	CP	OS&Y	WB	
2578	2500	FP	OS&Y	WB	
5815	150	FP	OS&Y	BB	
5830	300	FP	OS&Y	BB	
5870	800	FP	OS&Y	WB	
C800	800	CP	OS&Y	BB	Cryogenic
C815	150	CP	OS&Y	BB	Cryogenic
C817	150	CP	OS&Y	WB	Cryogenic
C830	300	CP	OS&Y	BB	Cryogenic
C837	300	CP	OS&Y	WB	Cryogenic
C860	600	CP	OS&Y	BB	Cryogenic
C867	600	CP	OS&Y	WB	Cryogenic
C870	800	CP	OS&Y	WB	Cryogenic
B870	800	CP	OS&Y	WB	Bellowseal

## CHECK Valve Style Codes

Valve Style	Pressure Class	Flow Bore	Bonnet/Cover		Notes
			Type	Bonnet	
0B80	800	CP	n/a	BC	Ball Type
0B81	150	CP	n/a	BC	Ball Type
0B83	300	CP	n/a	BC	Ball Type
0B86	600	CP	n/a	BC	Ball Type
0B87	800	CP	n/a	WB	Ball Type
0C80	800	CP	n/a	BC	Piston Type
0C81	150	CP	n/a	BC	Piston Type
0C83	300	CP	n/a	BC	Piston Type
0C86	600	CP	n/a	BC	Piston Type
0C87	800	CP	n/a	WC	Piston Type
B150	1500	CP	n/a	BC	Ball Type
C150	1500	CP	n/a	BC	Piston Type
C157	1500	CP	n/a	WC	Piston Type
SB15	1500	CP	n/a	BC	Ball Spring Type
SB80	800	CP	n/a	BC	Ball Spring Type
SB81	150	CP	n/a	BC	Ball Spring Type
SB83	300	CP	n/a	BC	Ball Spring Type
SB86	600	CP	n/a	BC	Ball Spring Type
SB87	800	CP	n/a	WB	Ball Spring Type
SC15	1500	CP	n/a	BC	Piston Spring Type
SC80	800	CP	n/a	BC	Piston Spring Type
SC81	150	CP	n/a	BC	Piston Spring Type
SC83	300	CP	n/a	BC	Piston Spring Type
SC86	600	CP	n/a	BC	Piston Spring Type
SC87	800	CP	n/a	WC	Piston Spring Type
SW15	1500	CP	n/a	BC	Swing Type
SW80	800	CP	n/a	BC	Swing Type
SW81	150	CP	n/a	BC	Swing Type
SW87	800	CP	n/a	WC	Swing Type
YC16	1670	CP	n/a	WC	Y Pattern
YC26	2670	CP	n/a	WC	Y Pattern
YC87	800	CP	n/a	WC	Y Pattern

## GLOBE Valve Style Codes

Valve Style	Pressure Class	Flow Bore	Bonnet/Cover		Notes
			Type	Bonnet	
0G80	800	CP	OS&Y	BB	
0G81	150	CP	OS&Y	BB	
0G83	300	CP	OS&Y	BB	
0G85	800	CP	ISRS	BB	
0G86	600	CP	OS&Y	BB	
0G87	800	CP	OS&Y	WB	
CG80	800	CP	OS&Y	BB	Cryogenic
CG81	150	CP	OS&Y	BB	Cryogenic
CG83	300	CP	OS&Y	BB	Cryogenic
CG86	600	CP	OS&Y	BB	Cryogenic
CG87	800	CP	OS&Y	WB	Cryogenic
G150	1500	CP	OS&Y	BB	
G157	1500	CP	OS&Y	WB	
G257	2500	CP	OS&Y	WB	
G895	1500	CP	OS&Y	BB	
Y162	1690	CP	OS&Y		Y Pattern (bonnetless)
Y262	2690	CP	OS&Y		Y Pattern (bonnetless)
Y462	4670	CP	OS&Y		Y Pattern (bonnetless)
Y167	1670	CP	OS&Y	WB	Y Pattern
Y267	2670	CP	OS&Y	WB	Y Pattern
YG87	800	CP	OS&Y	WB	Y Pattern
BG87	800	CP	OS&Y	WB	Bellowseal

# SMITH VALVE PART NUMBERING SYSTEM

The ordering code allows you to code the Valve Figure Number of any standard Smith Gate, Globe, or Check Valve. Code letters from the listing below have been assigned for your selection.

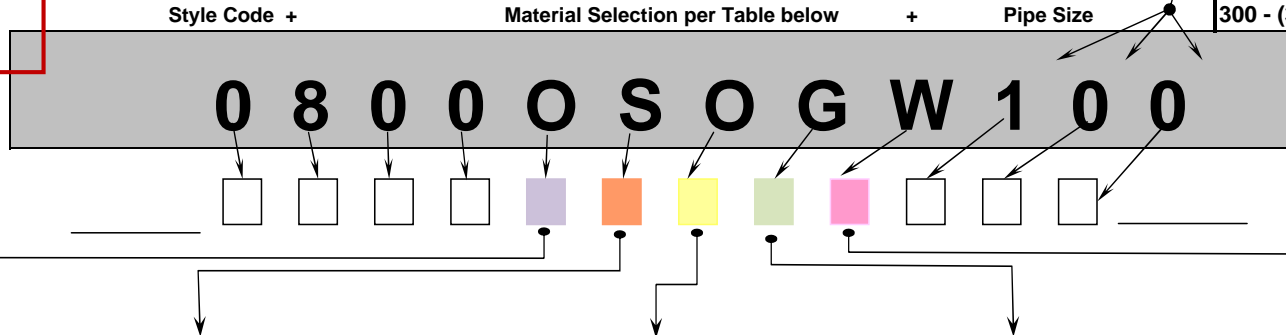
The grouping may be prefixed by "CE" to indicate compliance to the European Commission Pressure Equipment Directive 97/23/EC. The grouping may also be suffixed by the following letters to denote the indicated special requirements: X = oxygen cleaned, V = vented seat.

**EXAMPLE:**

A105 , OS&Y Gate valve with 316 S.S. trim, Grafoil packing, 316 S.S. with graphite, socket weld ends, 1" size

Use "O" or "T" for Standard Service  
 Use "S" for HF Acid Service  
 Use "U" or "Y" for Nace Service

Pipe Size
025 - (1/4 NPS / 8 DN)
037 - (3/8 NPS / 10 DN)
050 - (1/2 NPS / 15 DN)
075 - (3/4 NPS / 20 DN)
100 - (1 NPS / 25 DN)
125 - (1 1/4 NPS / 32 DN)
150 - (1 1/2 NPS / 40 DN)
200 - (2 NPS / 50 DN)
300 - (3 NPS / 80 DN)



BODY/BONNET/COVER		API Trim #	TRIM MATERIAL			PACKING	GASKET		END CONNECTIONS	
	SHELL		STEM	WEDGE/DISC	SEAT					
A	F51	A	10	316	316	316	A	INCOLOY 825+GRAPHITE	A	
B	F347	B	11	MONEL	MONEL	HF	B	INCONEL 600/X750 + GRAPHITE	B	BUTTWELD
C	F5	C		KMONEL	MONEL	MONEL	C		C	
D	F316H	D	9	MONEL NACE	MONEL NACE	MONEL NACE	D	INCONEL 600/X750 + TFE	D	
E	HASTELOY - C276	E		347	347	HF	E		E	
F	F20	F	13	A20	A20	A20	F	A20 + GRAPHITE	F	
G	F9	G		317L	317L	HF	G	316 + GRAPHITE	G	
H	F321	H		347H	HF	HF	H	HAST - C276 + GRAPHITE	H	
I	F347H	I		347H	347H	HF	I	347 + GRAPHITE	I	
J	F316DC	J		316H	316H	HF	J		J	RING JOINT
K	F11	K		410 NACE	410 NACE	410 HF NACE	K		K	
L	F317L	L		316	316 + INSERT	HF	L	317L + GRAPHITE	L	
M		M		316H	HF	HF	M	MONEL + GRAPHITE	M	
N	F22	N		304	304	HF	N		N	
O	A105NLC	O	8	410	410	HF	O	304/316 + GRAPHITE	O	FEMALE ENDS-NPT THD MALE END-SEE FIG. NO. FLANGE ENDS 125-250
P	F91	P		825	HF	HF	P		P	
Q	Monel 400	Q		347	HF	HF	Q		Q	BSP THD. (BRIT PARALLEL)
R	F304DC	R		F51	F51	HF	R		R	
S	A105NLC	S	12	316	316	HF	S		S	
T	LF2	T	5	410	HF	HF	T	316 + TFE	T	
U	LF2	U		KMONEL	MONEL + TFE		U		U	SOCKETWELD X F-NPT
V	F304H	V		304H	304H	HF	V	TFE V-RINGS VACUUM	V	
W	INCOLOY 825	W	16	316	HF	HF	W		W	SOCKETWELD
X		X		HAST - C276	HAST - C276	HAST - C276	X	MONEL + TFE	X	
Y	A105NLC	Y		304H	HF	HF	Y		Y	
Z		Z					Z		Z	