

VALVE CONFIGURATION ORDERING INFORMATION (Valves with O-Rings)

Number(s) in parentheses indicate valve configuration part number position
PBM part numbers can have up to 20 alpha-numeric characters

Part Number Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Part Number Code Example	S	P	H	L	E	5	Q	-	G	-	-	-	3	4	A	-	W	X	X	X

INDUSTRIAL VALVES

PRODUCT (1-2)	MATERIAL(2) (3-4)	SIZE (5)	SERIES (6)	END CONNECTION(3) (7-8)	SEAT & SEAL/FILLERS/O-RINGS (4) (9)
AN ANSI DD Diverter (Steam) FD Flush Tank (Steam) FT Flush Tank(Firesafe API-607) MP Multi-Port SP SP (Firesafe API-607) SD SP (Steam) AF Angle Stem Valves (1" thru 4" Firesafe API-607) AF Angle Stem Valves (6" Only)	A- Aluminum C- Hastelloy® C-276 C1 Hastelloy® B2 D- Iron(6) E- Carbon Steel(6) G- Lead Free Bronze H- 316/316L Stainless Alloy 20 HL 316L Stainless H2 317L Stainless I- Inconel® 600 M- Monel 400 N- 922 Bronze P- AL6XN R- 955 NiAl-Bronze S- 953 Al-Bronze T- Gr. 5 Titanium T2 Gr. 2 Titanium T7 Gr. 7 Titanium W- Nickel 200 X- 958 NiAl-Bronze Z- 70/30 CuNi 1- 90/10 CuNi 5- Inconel® 625 9- 954 Al-Bronze 25 254SMO®6Mo 22 Duplex 2205 76 Super Duplex 32760 For other materials, Consult Factory	A 1/4 B 3/8 C 1/2 D 3/4 E 1 F 1-1/4 G 1-1/2 H 2 J 2-1/2 K 3 L 4 M 6	1 Series 1 3 Series 3 (API-607) 4 Series 4 5 Series 5 6 Series 6 (API-607)	B- Ext. Sch 40 butt weld D- Ext. Sch 10 butt weld J- Ext. socket weld L- 150# Flange M- 300# Flange P- Male NPT Q- Female NPT Q1 BSPT S- Sil-braze1 groove (pipe) T- Solder joint (tube) U- Socket weld (pipe) -Z No end fittings For other end fittings, Consult Factory	A(7) RT B(7) RT F(6) Metal G TF H HT I HT J TF K UT L UT M UT N(6) PK O(6) PK P(6) PK Q(6) CG V(7) RT W(7) RT Y CT Z TF 0 HT 1 HT 2 TF 3 UT 4 UT 5 UT 8(7) RT 9 TF

CURRENT PRODUCT SERIES	
1	AF (6" Only), Bronze AN
3	AF (Firesafe API-607)
4	MP (300# class maximum)
5	AN, DD, FD, SD
6	AN, SP (Firesafe API-607), FT (Firesafe API-607)

O-RING MATERIAL CODES	
EP	EPR E3609-70
VI	FKM V1274-80
VV	FEP Encapsulated FKM
KA	Kalrez 6375
FFKM	FF350-75

SEAT/SEAL/MATERIAL CODES	
CG	Carbon-Graphite
HT	S-TEF®
CT	C-TEF™
PK	PEEK
RT	RTFE
TF	V-TEF™
VT	VTFE
UT	UHMWPE
F	Metal Seats

SANITARY VALVES

PRODUCT (1-2)	MATERIAL(2) (3-4)	SIZE (5)	SERIES (6)	END CONNECTION(3) (7-8)	SEAT & SEAL/FILLERS/O-RINGS (4) (9)
CS Clean Steam CT Clean Steam Trap DC Diverter (Steam) FI Flush Tank(Firesafe API-607) FC Flush Tank (Steam) MI Multi-Port SI Sanitary (Firesafe API-607) AF Angle Stem Valves (1" thru 4" Firesafe API-607) AF Angle Stem Valves (6" Only)	C- Hastelloy® C-276 HC Alloy 20 HL 316L Stainless HF F316L Forged H2 317L Stainless I- Inconel® 600 P- AL6XN T- Gr. 5 Titanium T2 Gr. 2 Titanium T7 Gr. 7 Titanium Y- Hastelloy® C-22® 5- Inconel® 625 25 254SMO®6Mo 22 Duplex 2205 76 Super Duplex 32760 For other materials, Consult Factory	A 1/4 B 3/8 C 1/2 D 3/4 E 1 F 1-1/4 G 1-1/2 H 2 J 2-1/2 K 3 L 4 M 6	1 Series 1 3 Series 3 (API-607) 4 Series 4 6 Series 6 (API-607) 8 Series 8 9 Series 9	F- Ext tube butt weld G- Female CBI H- Male CBI SM Compression X- Hygienic Clamp Z- No end fittings For other end fittings, Consult Factory	C(7) VT D(7) VT G TF H HT I HT J TF K UT L UT M UT T(7) VT U(7) VT Z TF 0 HT 1 HT 2 TF 3 UT 4 UT 5 UT 6(6) PK 7(7) VT 9 TF

CURRENT PRODUCT SERIES	
1	AF (6" Only)
3	AF (Firesafe API-607)
4	MI (300# class maximum)
6	FI (Firesafe API-607), SI (Firesafe API-607)
8 & 9	CS, CT, DC, FC

STEAM vs. SEAT COMPATIBILITY	
V-TEF™	≤150psig AT ≤366°F
S-TEF®	≤200psig AT ≤388°F

O-RING MATERIAL CODES	
EP	EPR E3609-70
VI	FKM V1274-80
VV	FEP Encapsulated FKM

SEAT/SEAL/MATERIAL CODES	
HT	S-TEF®
PK	PEEK
TF	V-TEF™
VT	VTFE
UT	UHMWPE

(2) For valves with 2 different materials, use the 1st position for body material and the 2nd position for end fitting material. (3) - For valves with 2 different end connections, use both end codes - e.g. - FX = extended butt weld for tube by clamp. (4) - For standard seat/seal material by series, please see appropriate pricing page. (5) - All Carbon Steel valves may be coated internally and externally with a rust inhibitor. Information on the rust inhibitor and/or an MSDS is available upon request. In addition, Carbon steel cast products are painted (black in color) externally prior to