

3-digit series valves

Identification chart

FIELD A Size

NOMINAL PIPE BORE SIZE		DIGITS	
inches	mm	1	2
1/2"	15	0	5
3/4"	20	0	7
1"	25	1	0
1 1/4"	32	1	2
1 1/2"	40	1	5
2"	50	2	0
2 1/2"	65	2	5
3"	80	3	0
4"	100	4	0
6"	150	6	0
8"	200	8	0

FIELD C Series

DIGITS			DESCRIPTION
6	7	8	
4	5	9	459 Series
5	1	9	519 Series
5	2	9	529 Series
5	9	9	599 Series
8	1	9	819 Series
8	2	9	829 Series
8	5	9	859 Series

FIELD E Seat and seal materials

DIGIT 13 to 17	MATERIAL	DIGIT 13 to 17	MATERIAL
A	Polyether Ether Ketone (PEEK)	N	Alpha (PTFE impregnated stainless steel)
B	Buna N	O	TFM
C	35% Carbon filled PTFE	P	Polyfill/Fluorofill
D	Nylatron	Q	F.E.P. Encapsulated buna N
E	E.P.D.M.	R	15% Glass filled PTFE
F	F.E.P	S	Silicone
G	Gamma (graphite impregnated stainless steel or graphite coated 'S' gasket)	T	Virgin PTFE
H	VX1	U	Ultra high molecular wt. polyethylene (UHMWPE)
I	PFA	V	Viton
J	NAB one end, VX1 the other	W	VespelSP21
K	Kel F	X	Poly Peek
L	30% Calcium flouride PTFE	Y	Delrin/lubetal
M	PTFE Coated 'S' gasket	Z	Flexible graphite
		7	25% Glass filled PTFE

FIELD F Types of end

The different types are detailed below.

DIGITS 18, 19, 20	CONNECTION TYPE
S E A	Screwed API (continental)
S E N	Screwed - NPT
S E T	Screwed - BSPT
S E P	Screwed - BSPP
S W A	Socket weld schedule 40
S W C	Socket weld schedule 80
O D	Socket weld IMP. OD
S O M	Socket weld metric OD
B W 5	Butt weld schedule 5
B W E	Butt weld schedule 10
B W A	Butt weld schedule 40
B W C	Butt weld schedule 80
B W B	Butt weld "afnor"
150	ANSI 150 Flange
300	ANSI 300 Flange
116	116 PN Flange

A		B			C				D			E					F			G				H
SIZE		STANDARD VARIANT			SERIES				BODY & END	BALL	STEM	SEAT	BODY SEAL	THRUST SEAL	SECONDARY STEM SEAL	GLAND PACKING	END CONNECTION	SPECIAL				REVISION		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

FIELD B Standard variant

DIGITS 3, 4, 5	VARIANT DESCRIPTION
A	Antistatic
F	Fire design

FIELD D Major component materials

DIGITS 10, 11, 12	MATERIAL
4	Carbon steel
5	Low temperature carbon steel
6	Stainless steel
7	Monel
M	Special material (see field 'G')

FIELD G Special feature

DIGITS 21, 22, 23, 24
The first digit will contain a C, N, P, Q or an M

C	Customised numbers
N/P/Q	Special Valve
M	When the letter M appears anywhere in Field D (Digits 9, 10, 11 & 12) the appropriate code for the material e.g. M121 (Nickel Aluminium Bronze) will appear in Field G. This is omitted if the valve is P or Q.

FIELD H Revision

DIGIT 25
This letter denotes the revision of the bill of material for the product.