HOW TO ORDER

The figure numbers shown on this key are designed to cover essential features of Velan valves. Please use figure numbers to ensure prompt and accurate processing of your order. A detailed description must accompany any special orders. For butterfly valves contact the factory for figure number information.

B *SIZE OF CONNECTION (ALL VALVES)

Customers have the choice of specifying valve size as part of the valve figure ("B") using the numbers below, or indicating valve size separately.

Examples:

F10-0064C–02TY (valve size is part of figure number)

03 – ½"	**07** – 1½"	**10** – 3"	**13** – 5"	**16** – 10"
04 – ¾"	**08** – 2"	**11** – 3½"	**14** – 6"	**18** – 12"
05 – 1"	**09** – 2½"	**12** – 4"	**15** – 8"	**19** – 14"

3"F-0064C–02TY (valve size is shown separately)

20 – 16"	**23** – 22"	**28** – 28"	**34** – 34"	**48** – 48"
21 – 18"	**24** – 24"	**30** – 30"	**36** – 36"	**99** – SPECIAL
22 – 20"	**26** – 26"	**32** – 32"	**42** – 42"	

GATE, GLOBE & CHECK

Type of connection	Size of connection		Pressure rating	Type		Body/Bonnet & Style		Body Material		Trim Material	
A	B		C	D		E		F		G	
eg: F	1	0	– 0	0	6	4	C	– 1	3	T	Y

(Flanged 3" 150 class cast stainless steel full bore gate valve with TY trim).

A TYPE OF CONNECTION

A – Special
B – Butt weld
F – Flanged
R – Flanged, ring joint
S – Threaded
W – Socket weld

B SIZE OF CONNECTION*

(SEE EXPLANATION ABOVE)

C CLASS

0 – 150 **1** – 300 **2** – 600 **3** – 1500 **4** – 2500 **6** – 400 **7** – 900

D VALVE TYPE

05 – Conventional port gate
06 – Full port gate
07 – Stop (globe)
08 – Stop check
09 – Needle
11 – Swing check

E BODY/BONNET STYLE

4C – Vertical bolted bonnet
4E – Extended bonnet for cryogenic service

F BODY MATERIAL

11 – Stainless steel, F304, CF8
12 – Stainless steel, F304L, CF3
13 – Stainless steel, F316, CF8M
14 – Stainless steel, F316L, CF3M
15 – Stainless steel, F347, CF8C
19 – Monel
23 – Alloy 20
25 – LCB
26 – LF2
27 – LF3
31 – LCC

G TRIM MATERIAL: GATE, GLOBE & CHECK

Code	Wedge/Disc Seating Surface(1)	Seat Surface(1)	Stem
MY	CF8M or 316	Stellite 6	SS 316
MS	CF8M or 316	Stellite 6	SS 316
MX	CF8M	SS 316	SS 316

(1) Base material is either the same as the body or solid a manufacturer's option.

BALL

Type of connection	Size of connection		Model number or Body Pressure rating	Port	Type	Body Material		Trim Material		Port	Special Service
A	B		C	D	E	F		G		H	I
eg: F	1	0	– 0	1	4	1	3	– S	S	G	H

(Flanged 3" 150 split-body ASME class 150 full port stainless steel cryogenic ball valve with stainless steel trim).

A TYPE OF CONNECTION

A – Special
B – Butt weld
F – Flanged
S – Threaded
W – Socket weld

B SIZE OF CONNECTION*

(SEE EXPLANATION ABOVE)

C MODEL NUMBER OR BODY PRESSURE RATING

For threaded or socket weld use model number
G – TE-600
For flanged or butt weld use body pressure rating(2)
0 – 150 ASME **1** – 300 ASME **2** – 600 ASME

D PORT

0 – Reduced/regular port **1** – Full port

E TYPE

4 – Split-body **6** – Top-entry

F BODY MATERIAL

(REFER TO GATE, GLOBE, AND CHECK ABOVE)

G TRIM MATERIAL BALL VALVE

Code	Ball	Stem
SS	SS 316	SS 316

H SEAT MATERIAL (Resilient seat)

C – Carbon graph reinforced PTFE **T** – PTFE

I SPECIAL SERVICE OR DESIGN

H – Cryogenic

(2) Actual valve pressure/temperature ratings depend on choice of materials.