

# Velan-Proquip Ordering Chart

## Identification Code/Figure Number

The valve figure number consists of two groups of numbers and/or letters. The first group indicates the body, disc and seat materials. The second indicates the spring material and type of ends. Any non-standard construction such as different trim material, drain connections, etc., and any special features are indicated by a three digit suffix number.

EXAMPLE:

**2BDB19 - 1B - XXX**

Body, Flapper & Seat Material

**BDB19**

Body C.S. Flapper 316 SS Body Seat C.S. Body Seat Seal Face Stellite

Spring Material Type Of Ends

**1B**

Spring 316 SS Ends Wafer RF

Special Features

### Materials

Code	Material	Specification
A	Cast Iron	A278 Class 30
B	Carbon Steel	A216 Gr. WCB
C	Ductile Iron	A395
D	316 Stainless	A351 Gr. CF8M
E	410 Stainless	A217 Gr. CA15
F	Aluminum	B26 Alloy ZC81A
G	Hastelloy C276	A 494 Gr. CW-12MW
H	Aluminum Bronze	B148 Gr. 954
K	Titanium	R50400
L	Low Temp Steel	A352 Gr. LCC/A350 LF2

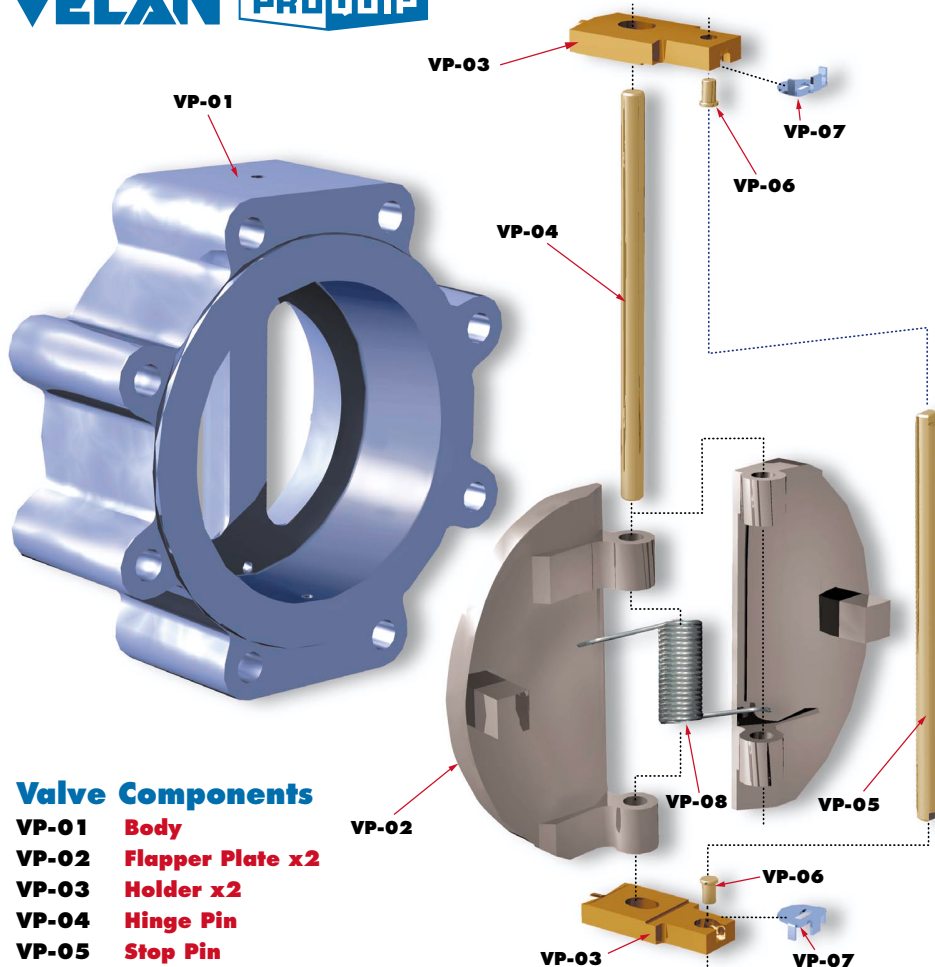
Code	Material	Specification
M	Monel	A296 Gr. M 35 W
Q	Alloy 20	A743 Gr. CN7M
R	22% Cr Duplex Stainless	A890 Gr. 4A
S	25% Cr Duplex Stainless	A890 Gr. 5A
T	304 Stainless	A351 Gr. CF8
U	5% Cr-0.5 Mo Steel	A217 Gr. C5
V	9% Cr-1 Mo Steel	A217 Gr. C12
X	Per P.O.	See suffix no.
Y	1.25% Cr-0.5 Mo Steel	A217-WC6
Z	6% Moly (6 Mo)	

Code	Material
10	Same as Body
11	Buna-N
12	Neoprene
13	Viton
14	Silicone
15	TFE
17	316 SS
18	410 SS
19	Stellite
20	Monel
21	EPDM

### Seating Surfaces

Code	Material
10	Same as Flapper
41	Buna-N
42	Neoprene
43	Viton
44	Silicone
45	TFE
47	316 SS
48	410 SS
49	Stellite
50	Monel
51	EPDM

Code	Material
86	Bronze
87	316 SS
88	410 SS
89	Stellite
90	Monel
91	Hastelloy C



### Valve Components

- VP-01 **Body**
- VP-02 **Flapper Plate x2**
- VP-03 **Holder x2**
- VP-04 **Hinge Pin**
- VP-05 **Stop Pin**
- VP-06 **Retainer Pin x2**
- VP-07 **Lock Clip x2**
- VP-08 **Spring**

### End Connections

Code	Connection
A	Special per P.O.
B	Wafer RF
C	Wafer RTJ
D	Lug Drilled RF
E	Lug Drilled RTJ
F	Flanged RF
G	Flanged RTJ
H	Hub for Clamp Joint (specify make)
L	Lug Threaded RF
M	Lug Threaded RTJ
N	Wafer Flat Face
P	Lug Flat Face
R	Flange Flat Face
W	Butt Weld (specify pipe wall T)

### Springs

Code	Material	Maximum Temp °F	Maximum Temp °C
1	316 SS	250	121
2	Inconel	600	315
3	Inconel X-750	1000	537
4	Monel	400	204
5	317 LSS	250	121
6	Hastelloy	800	426
7	Inconel 625	1000	537
8	Alloy 20	250	121
0	Per P.O.		

### WARRANTY

All valves manufactured by **Velan-Proquip Inc.** are warranted against defects in materials and workmanship providing the valves are properly installed and used within the service limits for which they were made. This warranty is limited to the replacement, without charge, of the parts found by **Velan-Proquip** to be defective and does not cover the cost of removing the valves from service or any other direct or indirect cost which may be attributed to the defect. The warranty does not cover normal deterioration and wear. Claims must be registered within one year after the valves have been placed in service or two years from date of invoice, whichever comes first. Valve serial number must be readable.

**Velan-Proquip Inc.**

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