VACUUM ACCESSORIES PART NUMBER MATRIX

XX
MATERIAL / FINISH

OTHER MATERIALS
V0 = USE FOR:
CLAMPS,
CAPS,
RINGS,
GASKETS,
O-RINGS,
& HARDWARE

- XXX
CONFIGURATION CODE

13 = CLAMP, SINGLE CLAW
13D = CLAMP, DOUBLE CLAW
13W = CLAMP, WING NUT
13L = CLAMP, LEVER / QUICK
13C = CLAMP, CHAIN
13B = CLAMP, BULKHEAD
13T = CLAMP, TOGGLE
16D = CAP, PLASTIC DUST
39 = RING, CENTERING
39C = RING, CENTERING W/ O-RING ASSEMBLY
39M = RING, CENTERING, SCREEN W/ O-RING ASSEMBLY
39N = RING, CENTERING, SCREEN W/ O-RING & SPACER RING ASSEMBLY
39S = RING, SPACER
39D = RING, CENTERING W/ O-RING & SPACER RING ASSEMBLY
39R = RING, ROTATABLE FLANGE RETAINING
39T = RING, OVERPRESSURE
39E = RING, CENTERING W/ O-RING & OVERPRESSURE RING ASSEMBLY
39P = RING, CAPTURE
39F = RING, CENTERING W/ O-RING & CAPTURE RING ASSEMBLY
39L = RING, REDUCING CENTERING W/ O-RING ASSEMBLY
70 = HARDWARE, BOLTS & WASHERS
70B = HARDWARE, BOLTS, NUTS & WASHERS
70C = HARDWARE, 12-PT BOLTS & WASHERS
70D = HARDWARE, 12-PT BOLTS, NUTS & WASHERS
70P = HARDWARE, PLATE NUTS
70Q = HARDWARE, PLATE NUTS & BOLTS
70R = HARDWARE, PLATE NUTS, BOLTS & WASHERS
70S = HARDWARE, PLATE NUTS & 12-PT BOLTS
70T = HARDWARE, PLATE NUTS, 12-PT BOLTS & WASHERS
72R = O-RING
72G = GASKET

- X
TYPE CODE

FLANGE TYPE[1]
N = NW / KF
K = ISO-K
F = ISO-F (BOLTED)
C = CF

CENTERING RING TYPE[2]
N = NW / KF
S = ISO-K/ISO-F

XX
SIZE CODE

NW / KF[3]
1A = NW10 (1.18", 30mm O.D.)
1B = NW16 (1.18" , 30mm O.D.)
1C = NW25 (1.58", 40mm O.D.)
1D = NW40 (2.16", 55mm O.D.)
1E = NW50 (2.95", 75mm O.D.)
1F = NW20 (1.58", 40mm O.D.)
1G = NW32 (2.16", 55mm O.D.)

ISO-K / ISO-F
2A = ISO63 (3.74", 95mm O.D.)
2B = ISO80 (4.33", 110mm O.D.)
2C = ISO100 (5.12", 130mm O.D.)
2D = ISO160 (7.09", 180mm O.D.)
2E = ISO200 (9.45", 240mm O.D.)
2F = ISO250 (11.42", 290mm O.D.)
2G = ISO320 (14.75", 370mm O.D.)
2H = ISO400 (17.72", 450mm O.D.)
2J = ISO500 (21.65", 550mm O.D.)

CF
3A = 1.33" (1.33", 33.8mm O.D.)
3B = 2.12" (2.12", 53.8mm O.D.)
3C = 2.75" (2.73", 69.3mm O.D.)
3D = 3.38" (3.36", 85.3mm O.D.)
3E = 4.50" (4.47", 113.5mm O.D.)
3F = 4.62" (4.61", 117.1mm O.D.)
3G = 6.00" (5.97", 151.6mm O.D.)
3H = 6.75" (6.73", 170.9mm O.D.)
3J = 8.00" (7.97", 202.4mm O.D.)
3K = 10.00" (9.97", 253.2mm O.D.)
3L = 12.00" (11.97", 304.0mm O.D.)
3M = 13.25" (13.25", 336.6mm O.D.)
3N = 14.00" (14.00", 355.6mm O.D.)
3P = 14.50" (14.50", 368.3mm O.D.)
3Q = 16.50" (16.50", 419.1mm O.D.)

ISO-K CLAW CLAMP
4A = ISO63 - ISO100
4B = ISO160 - ISO250
4C = ISO320 - ISO500
4D = ISO63 - ISO250

NW / KF CHAIN CLAMP
5H = NW80 (4.33", 110mm O.D.)
5J = NW100 (5.12", 130mm O.D.)
5K = NW160 (7.09", 180mm O.D.)

x XX
SIZE

USED FOR REDUCING CENTERING RING

If required, build 2nd size by using previous column (size code)

EX: V0-39L-N1FX1C-4CX

- XX (XX)
ATTRIBUTE CODE

CLAMP THREAD / MATERIAL[4]
CA = INCH, ALUMINUM
CB = METRIC, ALUMINUM
CC = INCH, 316 SS, ZINC PLATED NUT
CD = METRIC, 316 SS, ZINC PLATED NUT
CE = INCH, 304 SS

GASKET MATERIAL
G1 = OFHC COPPER
G2 = SILVER PLATED OFHC COPPER
G3 = PTFE

FOR THE FOLLOWING CONFIGURATIONS SELECT ONE FROM EACH OPTION:

RINGS & O-RING MATERIAL

OPTION 1 - CENTERING RINGS
X = NO CENTERING RING
1 = CENTERING RING, ALUMINUM
2 = CENTERING RING, 304 SS
3 = CENTERING RING, 316L SS
4 = CENTERING RING, 316L SS, EP
5 = CENTERING RING, 316 SS
6 = CENTERING RING, 316 SS, EP

OPTION 2 - O-RINGS
X = NO O-RING
A = NBR (BUNA)
B = EPDM
C = FKM (VITON)
D = SILICONE
E = KALREZ 6375
F = KALREZ 8900
G = KALREZ 9100
H = KALREZ 9500
J = KALREZ 8575
K = KALREZ 4079

OPTION 3 - RINGS (OUTER)
X = NO RING
A = SPACER, ALUMINUM
D = OVERPRESSURE, ALUMINUM
E = OVERPRESSURE, 304 SS
F = OVERPRESSURE, 316 SS
G = CAPTURE, ALUMINUM
H = CAPTURE, 304 SS
J = CAPTURE, 316 SS
K = RETAINING, 304 SS

OPTION 4 - O-RING COLOR
BLANK = BLACK
A = AMBER (TRANS)
B = BROWN
G = GREEN
T = TAN
W = WHITE

HARDWARE MATERIAL / THREAD

OPTION 1 - PLATE NUT
X = NO PLATE NUT
P = PLATE NUT, 304 SS

OPTION 2 - MAT'L and/or THREAD
X = NO BOLTS AND WASHERS
S = INCH (PLATE NUT)
M = METRIC (PLATE NUT)
T = INCH, 10-8SS (BOLTS)
U = INCH, 10-8SS, SILVER-PLATED (BOLTS)
V = METRIC, 10-8SS (BOLTS)
W = METRIC, 10-8SS, SILVER-PLATED (BOLTS)

OPTION 3 - BOLT LENGTH
(SEE CATALOG FOR LENGTHS)
X = NO BOLT
A = STANDARD LENGTH A
B = STANDARD LENGTH B
C = STANDARD LENGTH C

Part Number Examples:
Double Claw Clamp: V0-13D-K2B-CA
Plastic Dust Cap: V0-16D-K2D-PA
Centering Ring w/ Viton O-ring: V0-39C-K2E-2CX
Centering Ring w/ Viton O-ring & Aluminum Capture Ring Assembly: V0-39F-N1D-2CG
Centering Ring: V0-39-K2F4-1XX
Spacer Ring: V0-39S-K2C-XXA
Rotatable Flange Retaining Ring: V0-39R-F2A-XXJ
Reducing Centering Ring w/ O-ring: V0-39L-N1AXN1B-4CX
Hardware, Plate Nuts: V0-70P-C3B-PSX
Hardware, Bolts, Nuts & Washers: V0-70B-C3F-XTA
Hardware, Plate Nuts, Bolts & Washers:: V0-70R-C3H-PTA
Copper Gasket V0-72G-N1C-G1
Viton O-Ring: V0-72O-K2C-XCX

NOTES:
1. NW/KF USE ISO FLANGE TYPE FOR FLANGE SIZE ISO 80 & ABOVE.
2. NW/KF CENTERING RINGS ISO 80 & ABOVE USE THE "S" TYPE CODE DESIGNATOR IN P/N.
3. NW/KF USE ISO CENTERING RING SIZE CODES FOR FLANGE SIZE ISO 80 & ABOVE.
4. ONLY FOR ISO CLAW CLAMPS CHOOSE THE FOLLOWING MATERIAL:
   4A, 4B & 4C: ALUMINUM, 4C & 4D: STAINLESS STEEL
5. NOT ALL POSSIBLE PART NUMBER CONFGIURATION ARE AVAILABLE.
   PLEASE CONTACT VALEX FOR AVAILABILITY.

Valex
www.valex.com

TITLE		
VACUUM FITTINGS & HOSE ITEM NUMBER SCHEME		
SPECIFICATION	SHEET	REV
SP-7200	3 OF 4	Q

VACUUM TUBE & PIPE PART NUMBER MATRIX

XX - XXXXX X x XXXX - XXXX

PROCESS / ALLOY[1 & 2]

CW = 316L WELDED
DW = 304L WELDED

SIZE CODE:

ASTM TUBE O.D.	NPS PIPE O.D.
1/4 = .25"	**300** = DN 300 (NPS 12 / JIS 300A)
3/8 = .375"	
1/2 = .5"	
3/4 = .75"	
1 = 1"	
1-1/2 = 1.5"	
2 = 2"	
2-1/2 = 2.5"	
3 = 3"	
4 = 4"	
6 = 6"	
8 = 8"	
10 = 10"	

END TYPE CODE:

ASTM TUBE
BLANK = SQUARE

NPS PIPE:
L = SQUARE

WALL CODE

TUBE WALL THICKNESS	PIPE SCHEDULE
.035 = .035"	**10S** = SCH. 10
.039 = .039"	
.049 = .049"	
.065 = .065"	
.083 = .083"	
.120 = .120"	

FINISH CODE[3 & 4]

MP = O.D.=150-grit MP, I.D.=180-grit MP
VB = O.D.=BA/AP, I.D.=BA/AP

ASTM Tube Example:

CW-1/2X.049-VB

VALEX VACUUM SPEC TUBE, 316L WELDED, 1/2" O.D. X .049" WALL,
VB FINISH OPTION, SQUARED ENDS

NPS Pipe Example:

DW-300LX10S-VB

VALEX VACUUM SPEC PIPE, 304L WELDED, NPS 12 (DN 300) X SCH 10,
VB FINISH OPTION, SQUARED ENDS

NOTES:

1. PER VALEX SPECIFICATION SP-7201
2. PROCESS CODES ARE NOT AVAILABLE FOR ALL SIZE AND FINISH CODES. PLEASE CONTACT VALEX FOR ITEM NUMBER AVAILABILITY.
3. VB FINISH CODE: BA FOR SIZES < 6" AND AP FOR SIZES ≥ 6".
4. FOR EP GRADE, REFER TO 401 PRODUCT LINE

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www.valex.com

TITLE
VACUUM FITTINGS & HOSE ITEM NUMBER SCHEME

SPECIFICATION	SHEET	REV.
SP-7200	**1/4**	**Q**

VACUUM FITTING PART NUMBER MATRIX

XX — MATERIAL / FINISH

STANDARD FINISH SS[1]

VA = 304
VD = 304L
VC = 316L
VQ = 316LN

MECHANICAL POLISHED SS

VE = 304
VH = 304L
VG = 316L

ELECTROPOLISHED SS

VK = 304 EP
VN = 304L EP
VM = 316L EP

- XXX — CONFIGURATION CODE

2 = 90° ELBOW, WITH TANGENT
2T = 90° ELBOW, NO TANGENT
2L = 90° ELBOW, EXTENDED TANGENT
2M = 90° ELBOW, MITERED NO TANGENT
2X = 90° ELBOW, MITERED EXTENDED
2K = 45° ELBOW, WITH TANGENT
2N = 45° ELBOW, NO TANGENT
3Y = Y BRANCH
6HS = NIPPLE, HALF, SHORT
6H = NIPPLE, HALF
6HE = NIPPLE, HALF, EXTENDED
6F = NIPPLE, FULL
6FE = NIPPLE, FULL, EXTENDED
7 = TEE, EQUAL
7L = TEE, EQUAL, EXTENDEND
7R = TEE, REDUCING
9 = CROSS, 4-WAY
9R = CROSS, 4-WAY REDUCING
9L = CROSS, 4-WAY, EXTENDED
9F = CROSS, 5-WAY
9E = CROSS, 5-WAY, EXTENDED
9S = CROSS, 6-WAY
9T = CROSS, 6-WAY, EXTENDED
9C = CROSS, 6-WAY CUBE
16 = CAP, WELD
31 = REDUCER, CONCENTRIC / CONICAL
31T = REDUCER, CONCENTRIC W/ TANGENT
31L = REDUCER, STRAIGHT
34 = ADAPTER, CONCENTRIC / CONICAL
34L = ADAPTER, CONCENTRIC LOW PROFILE
34T = ADAPTER, CONCENTRIC W/ TANGENT
34S = ADAPTER, STRAIGHT
34V = ADAPTOR, FACE SEAL MALE
34A = ADAPTOR, FACE SEAL FEMALE
34C = ADAPTOR, COMPRESSION
34M = ADAPTOR, NPT MALE
34F = ADAPTOR, NPT FEMALE
34H = ADAPTOR, HOSE
34G = ADAPTOR, GAUGE TEE
38 = FLANGE, BLANK
38W = FLANGE, BLANK, NECK WELD
38Q = FLANGE, BLANK, NECK WELD W/ WELD PREP
38D = FLANGE, BLANK, DOUBLE SIDED
38B = FLANGE, BORED
38S = FLANGE, BORED, SOCKET WELD
38N = FLANGE, BORED, SHORT NECK WELD
38L = FLANGE, BORED, LONG NECK WELD
38K = FLANGE, BORED, NECK WELD
38V = FLANGE, BORED, NECK WELD W/ WELD PREP
38M = FLANGE, BORED, DOUBLE SIDED
38Z = FLANGE, BORED, ZERO LENGTH REDUCER

- X — TYPE CODE

CONNECTION TYPE

W = WELD (BUTTWELD/SOCKET)
Z = FITTING SIZE (NPT, HOSE, FACE-SEAL, COMPRESSION)

FLANGE TYPE

N = NW / KF
K = ISO-K
F = ISO-F (BOLTED)
C = CF

XX — SIZE CODE

TUBE / PIPE / FITTING

TUBE, FIITTING O.D.	PIPE O.D.
02 = 1/8"	**67** = 1/8 NPS / NPT
04 = 1/4"	**68** = 1/4 NPS / NPT
06 = 3/8"	**69** = 3/8 NPS / NPT
08 = 1/2"	**70** = 1/2 NPS / NPT
10 = 5/8"	**71** = 3/4 NPS / NPT
12 = 3/4"	**72** = 1 NPS / NPT
14 = 7/8"	**74** = 1-1/2 NPS / NPT
16 = 1"	**75** = 2 NPT
20 = 1-1/4"	**76** = 2-1/2 NPT
24 = 1-1/2"	**77** = 3 NPT
26 = 1-5/8"	**79** = 4 NPT
28 = 1-3/4"	**81** = 6 NPT
32 = 2"	**84** = 12 NPS (12.75")
40 = 2-1/2"	
48 = 3"	
64 = 4"	
80 = 5"	
96 = 6"	
53 = 8"	
55 = 10"	
57 = 12"	

NW / KF FLANGE[3]

1A = NW10 (1.18", 30mm O.D.)
1B = NW16 (1.18 ", 30mm O.D.)
1C = NW25 (1.58", 40mm O.D.)
1D = NW40 (2.16", 55mm O.D.)
1E = NW50 (2.95", 75mm O.D.)
1F = NW20 (1.58", 40mm O.D.)
1G = NW32 (2.16", 55mm O.D.)
1H = NW80 (4.33", 110mm O.D.)
1J = NW100 (5.12", 130mm O.D.)
1K = NW160 (7.09", 180mm O.D.)

ISO FLANGE

2A = ISO63 (3.74", 95mm O.D.)
2B = ISO80 (4.33", 110mm O.D.)
2C = ISO100 (5.12", 130mm O.D.)
2D = ISO160 (7.09", 180mm O.D.)
2E = ISO200 (9.45", 240mm O.D.)
2F = ISO250 (11.42", 290mm O.D.)
2G = ISO320 (14.75", 370mm O.D.)
2H = ISO400 (17.72", 450mm O.D.)
2J = ISO500 (21.65", 550mm O.D.)

CF FLANGE

3A = 1.33" (1.33", 33.8mm O.D.)
3B = 2.12" (2.12", 53.8mm O.D.)
3C = 2.75" (2.73", 69.3mm O.D.)
3D = 3.38" (3.36", 85.3mm O.D.)
3E = 4.50" (4.47", 113.5mm O.D.)
3F = 4.62" (4.61", 117.1mm O.D.)
3G = 6.00" (5.97", 151.6mm O.D.)
3H = 6.75" (6.73", 170.9mm O.D.)
3J = 8.00" (7.97", 202.4mm O.D.)
3K = 10.00" (9.97", 253.2mm O.D.)
3L = 12.00" (11.97", 304.0mm O.D.)
3M = 13.25" (13.25", 336.6mm O.D.)
3N = 14.00" (14.00", 355.6mm O.D.)
3P = 14.50" (14.50", 368.3mm O.D.)
3Q = 16.50" (16.50", 419.1mm O.D.)

NW / KF FLANGE (CHAIN CLAMP)[4]

5H = NW80 (4.33", 110mm O.D.)
5J = NW100 (5.12", 130mm O.D.)
5K = NW160 (7.09", 180mm O.D.)

x X XX — TYPE / SIZE

USED FOR 2ND SIZE: FLANGE, BUTTWELD/SOCKET WELD, OR FITTING

If required, build second size by using two previous columns (type & size code)

EX: VA-7-W12XW08
VA-34M-K2AXZ68
VA-38B-N1BXW06

- XX — ATTRIBUTE CODE

OTHER

BLANK = Configurations not listed below
(Note: for BLANK code, do not include -XX in part number)

ONLY USE FOR **CF & ISO-F FLANGES**

FF = NON-ROTATABLE
FS = NON-ROTATABLE, TAPPED, INCH
FM = NON-ROTATABLE, TAPPED, METRIC
FR = ROTATABLE
FT = ROTATABLE, TAPPED, INCH
FN = ROTATABLE, TAPPED, METRIC

ONLY USE FOR: **CF FLANGED TEES, CF CROSSES, CF REDUCERS, CF HALF & CF FULL NIPPLES**

TA = NON-ROTATABLE, ROTATABLE
TB = NON-ROTATABLE, 2 ROTATABLE
TC = 2 NON-ROTATABLE, 2 ROTATABLE
TD = 2 NON-ROTATABLE, 3 ROTATABLE
TE = 3 NON-ROTATABLE, 3 ROTATABLE
TF = NON-ROTATABLE
TG = ROTATABLE

Part Number Examples:

Elbow: VA-2-N1D
Concentric Reducer: VA-31-N1DXN1B
Full Nipple: VA-6F-N1E
Straight Reducer: VA-31L-K2BXK2A
Equal Tee: VA-7-K2AXK2A
Reducing Tee: VA-7R-K2CXK2A
4-Way Reducing Cross: VA-9R-C3DXC3A-TC
Adaptor, FACE-SEAL MALE: VA-34V-C3AXZ04-FF
Adaptor Concentric Reducer.: VA-34-K2AXN1D
Blank Flange: VA-38-N1A
Bored Flange Rotatable: VA-38B-C3HXW80-FR
Zero Length Reducer: VA-38Z-C3GXC3A-FF

NOTES:

1. STANDARD FINISH IS TUMBLE FOR BUTTWELD FITTINGS.
2. STANDARD FINISH IS MACHINED FOR FLANGES.
3. FLANGE SIZES 1H, 1J, & 1K USE WITH BAND CLAMP
4 FLANGE SIZES 5H, 5J, & 5K USE WITH CHAIN CLAMP
5. NOT ALL POSSIBLE PART NUMBER CONFGIURATION ARE AVAILABLE. PLEASE CONTACT VALEX FOR AVAILABILITY.

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TITLE		
VACUUM FITTINGS & HOSE ITEM NUMBER SCHEME		
SPECIFICATION	SHEET	REV
SP-7200	2 OF 4	Q

VACUUM BELLOWS & FLEXIBLE HOSE PART NUMBER MATRIX

XX	- XXX	- X	XX	x	X	XX	- XXX
MATERIAL / FINISH[1]	CONFIGURATION CODE[2]	TYPE CODE	SIZE CODE		TYPE CODE	SIZE CODE	ATTRIBUTE CODE

STANDARD FINISH SS
- **VA** = 304
- **VD** = 304L
- **VC** = 316L
- **VQ** = 316LN
- **VT** = V22® ALLOY (UNS N06022)*
- **VW** = ALLOY 276 (UNS N10276)

MECHANICAL POLISHED SS
- **VE** = 304
- **VH** = 304L
- **VG** = 316L
- **VU** = V22® ALLOY (UNS N06022)*
- **VY** = ALLOY 276 (UNS N10276)

ELECTROPOLISHED SS
- **VK** = 304 EP
- **VN** = 304L EP
- **VM** = 316L EP
- **VV** = V22® ALLOY (UNS N06022)*
- **VZ** = ALLOY 276 (UNS N10276)

CONFIGURATION CODE
- **42B** = BELLOWS, FORMED, 316L[3]
- **42E** = BELLOWS, EDGE WELDED
- **42H** = HOSE, FORMED
- **42R** = HOSE, BRAIDED FLEXIBLE
- **42T** = BELLOWS, FORMED, 321[3]

CONNECTION TYPE
- **W** = WELD (BUTTWELD/SOCKET)
- **T** = COMPRESSION FITTING
- **V** = FACE SEAL, MALE
- **U** = FACE SEAL, FEMALE

FLANGE TYPE
- **N** = NW / KF
- **K** = ISO-K
- **F** = ISO-F (BOLTED)
- **C** = CF

TUBE / PIPE / FITTING

TUBE O.D.	PIPE O.D.
02 = 1/8"	**67** = 1/8 NPS / NPT
04 = 1/4"	**68** = 1/4 NPS / NPT
06 = 3/8"	**69** = 3/8 NPS / NPT
08 = 1/2"	**70** = 1/2 NPS / NPT
10 = 5/8"	**71** = 3/4 NPS / NPT
12 = 3/4"	**72** = 1 NPS / NPT
14 = 7/8"	**74** = 1-1/2 NPS / NPT
16 = 1"	**84** = 12 NPS (12.75" O.D.)
20 = 1-1/4"	
24 = 1-1/2"	
26 = 1-5/8"	
28 = 1-3/4"	
32 = 2"	
40 = 2-1/2"	
48 = 3"	
64 = 4"	
80 = 5"	
96 = 6"	
53 = 8"	
55 = 10"	
57 = 12"	

NW / KF FLANGE
- **1A** = NW10 (1.18", 30mm O.D.)
- **1B** = NW16 (1.18", 30mm O.D.)
- **1C** = NW25 (1.58", 40mm O.D.)
- **1D** = NW40 (2.16", 55mm O.D.)
- **1E** = NW50 (2.95", 75mm O.D.)
- **1F** = NW20 (1.58", 40mm O.D.)
- **1G** = NW32 (2.16", 55mm O.D.)
- **1H** = NW80 (4.33", 110mm O.D.)
- **1J** = NW100 (5.12", 130mm O.D.)
- **1K** = NW160 (7.09", 180mm O.D.)

ISO-K / ISO-F FLANGE
- **2A** = ISO63 (3.74", 95mm O.D.)
- **2B** = ISO80 (4.33", 110mm O.D.)
- **2C** = ISO100 (5.12", 130mm O.D.)
- **2D** = ISO160 (7.09", 180mm O.D.)
- **2E** = ISO200 (9.45", 240mm O.D.)
- **2F** = ISO250 (11.42", 290mm O.D.)
- **2G** = ISO320 (14.75", 370mm O.D.)
- **2H** = ISO400 (17.72", 450mm O.D.)
- **2J** = ISO500 (21.65", 50mm O.D.)

CF FLANGE
- **3A** = 1.33" (1.33", 33.8mm O.D.)
- **3B** = 2.12" (2.12", 53.8mm O.D.)
- **3C** = 2.75" (2.73", 69.3mm O.D.).
- **3D** = 3.38" (3.36", 85.3mm O.D.)
- **3E** = 4.50" (4.47", 113.5mm O.D.)
- **3F** = 4.62" (4.61", 117.1mm O.D.)
- **3G** = 6.00" (5.97", 151.6mm O.D.)
- **3H** = 6.75" (6.73", 170.9mm O.D.)
- **3J** = 8.00" (7.97", 202.4mm O.D.)
- **3K** = 10.00" (9.97", 253.2mm O.D.)
- **3L** = 12.00" (11.97", 304.0mm O.D.)
- **3M** = 13.25" (13.25", 336.6mm O.D.)
- **3N** = 14.00" (14.00", 355.6mm O.D.)
- **3P** = 14.50" (14.50", 368.3mm O.D.)
- **3Q** = 16.50" (16.50", 419.1mm O.D.)

SEE PREVIOUS COLUMN "TYPE CODE" FOR OPTIONS

SEE PREVIOUS COLUMN **'"SIZE CODE" FOR OPTIONS**

BELLOWS LENGTH
- **2.5** = 2.5"
- **3.0** = 3.0"
- **3.2** = 3.2"
- **3.5** = 3.5"
- **4.0** = 4.0"
- **4.2** = 4.2"
- **5.0** = 5.0"
- **5.2** = 5.2"
- **6.0** = 6.0"
- **7.0** = 7.0"
- **8.0** = 8.0"
- **8.2** = 8.2"
- **9.0** = 9.0"

HOSE LENGTH
- **10** = 10.0"
- **12** = 12.0"
- **18** = 18.0"
- **24** = 24.0"
- **30** = 30.0"
- **36** = 36.0"
- **42** = 42.0"
- **48** = 48.0"
- **54** = 54.0"
- **60** = 60.0"
- **72** = 72.0"
- **84** = 84.0"
- **96** = 96.0"
- **108** = 108.0"
- **120** = 120.0"
- **984** = 984.0"

NOTES:
1. FINISH OPTIONS ARE FOR END CONNECTIONS ONLY.
2. ALL BRAIDED HOSES ARE 304/304L.
3. BELLOWS BODY MATERIAL ONLY.
4. NOT ALL POSSIBLE PART NUMBER CONFGIURATION ARE AVAILABLE. PLEASE CONTACT VALEX FOR AVAILABILITY.

*MATERIAL: HAYNES HASTELLOY® C-22® IS AVAILABLE UPON REQUEST. HASTELLOY AND C-22 ARE REGISTERED TRADEMARKS OF HAYNES INTERNATIONAL INC.

Part Number Examples:

Bellows, 12" Length: VM-42B-N1CXN1C-4.0
Bellows, 12" Length: VM-42B-K2BXK2A-4.0
Hose, 12" Length: VM-42H-U04XU04-12
Hose, 120" Length: VM-42H-T04XT04-120

Valex
www.valex.com

TITLE		
VACUUM FITTINGS & HOSE ITEM NUMBER SCHEME		
SPECIFICATION	SHEET	REV
SP-7200	4 OF 4	Q