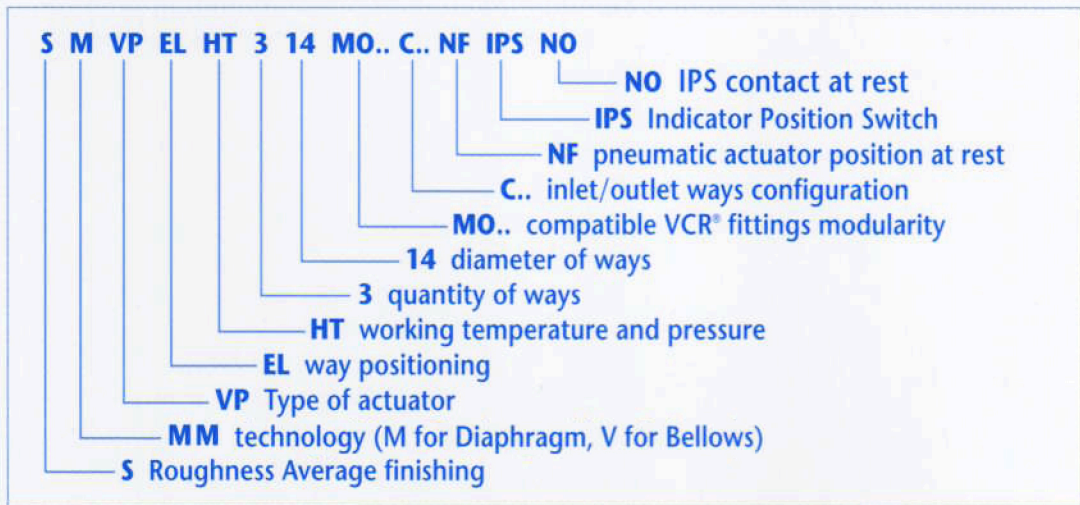


CODIFICATION AND CONFIGURATION SKETCHES OF A GAS FLOW COMPONENT

VALVES CONFIGURATION



Roughness average finishing :

S : Ra 0.2µ m otherwise : Ra 0,4 µ m

Technology :

M : Diaphragm, otherwise : Bellows.

Type of actuator :

VP : Pneumatic

VT: 1/4 Turn

VL: Toggle

VM : Manual

VR : Regulating (needle valve)

Temperature* :

THT : 250°C Vespel® stem tip

LHT : Low High Temperature (120°C nominal, 150°C max)

HT : High Temperature (160°C nominal, 200°C max)

Otherwise : 0 up to 70° C

Working pressure*:

HP : High pressure (200 bar)

Otherwise : according to technical data

Type of connection :

MO : VCR® Compatible

SW® : Swagelock® compatible

T : Tube ø to be mentioned (6 up to 25.4 mm)**

Ways positioning :

EL : Elbow 90°

otherwise : straight

Quantity of ways :

2 : 2 ways

3 : 3 ways

4 : 4 ways

5 : Other configuration

Diameter of ways in inches :

14 : 1/4 12 : 1/2

38 : 3/8 01 : 1

Position Indicator Switch : (for bellows valve only)

+ Plug : 20cm cable with male/female connector, otherwise : 1m cable without plug

Working temperature = standard as per 0 up to 70°, otherwise : mention up to 80°

*Mention the following parameters when ordering : the working temperature and pressure, type of gas used and the type of connection.

**Metric Diameter of fittings on request.

1- VALVES CODIFICATION

VCR® fittings modularity :

- 2 ways : according to chart # 1
- 3 ways : according to chart # 3
- 4 ways : according to chart # 5

Inlet/Outlet :configuration of ways :

- 2 ways : according to chart # 2
- 3 ways : according to chart # 4
- 4 ways : according to chart # 6

Position of the pneumatic actuator at rest :

NO : Normally Open

NF : Normally Closed

Multi-actuators : contact Flowlink

CHART # 1 (for "EL" Elbow valves ONLY)

	1	2
MO 1	F	M
MO 3	F	F
MO 5	M	M
MO 7	M	F

CHART # 2

1—● 1—○ 2
 Top view
 ● Way under stem tip
 ○ Way in the chamber

C 1	
C 2	
C 6	

CHART # 3

	1	2	3
MO 1	F	M	F
MO 2	F	M	M
MO 3	F	F	F
MO 4	F	F	M
MO 5	M	M	F
MO 6	M	M	M
MO 7	M	F	F
MO 8	M	F	M

CHART # 4

3
 1—○ 1—○ 2
 Top view

● Way under stem tip ○ Way in the chamber

C 1		C 4	
C 2		C 5	
C 3		C 6	

Example : VM 314 MO2 C4

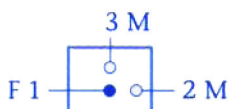
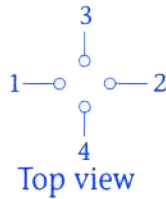


CHART # 5

	1	2	3	4
MO 10	F	M	F	F
MO 11	F	M	F	M
MO 20	F	M	M	F
MO 21	F	M	M	M
MO 30	F	F	F	F
MO 31	F	F	F	M
MO 40	F	F	M	F
MO 41	F	F	M	M
MO 50	M	M	F	F
MO 51	M	M	F	M
MO 60	M	M	M	F
MO 61	M	M	M	M
MO 70	M	F	F	F
MO 71	M	F	F	M
MO 80	M	F	M	F
MO 81	M	F	M	M

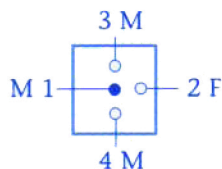
CHART # 6



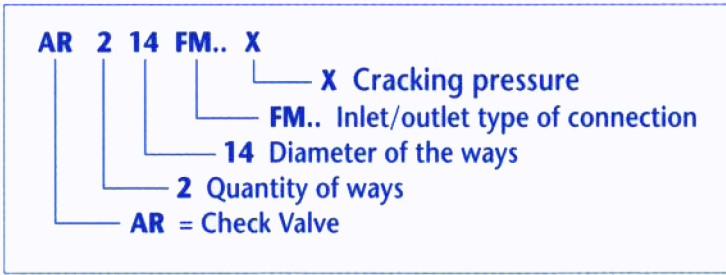
● Way under stem tip ○ Way in the chamber

C 1	
C 2	
C 3	
C 4	

Example : VM 414 MO81 C2



2- CHECK VALVES CODIFICATION



Diameter of ways in inches :

14 : 1/4

12 : 1/2

01 : 1

VCR® compatible fittings configuration :

FM : Female / Male

MF : Male / Female

FF : Female / Female

MM : Male / Male

Type of connections :

F : Female VCR® compatible

M : VCR® Male compatible

SW® : Swagelock® compatible

T : Tube Ø to be mentioned when ordering (6 up to 12.7 mm)

DN16 : DN16

CF16 : CF16

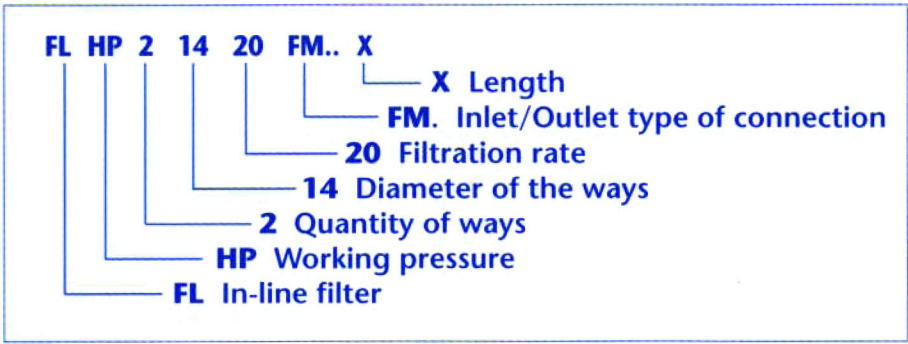
CF40 : CF40

KF40 : KF40

Cracking pressure :

X : Value of the pressure in mbar or en PSI

3- FILTERS CODIFICATION



Diameter of ways in inches :

14 : 1/4

VCR® compatible fittings configuration :

FM : Female / Male

MF : Male / Female

FF : Female / Female

MM : Male / Male

Type of connections :

F : Female VCR® compatible

M : VCR® Male compatible

SW® : Swagelock® compatible

RHP® : High Purity Fitting

T : Tube Ø to be mentioned when ordering (6 up to 12.7 mm)

DN16 : DN16

CF16 : CF16

Filtration rate in microns meters

20 : 20 microns

0,22 : 0,22 microns

Pressure :

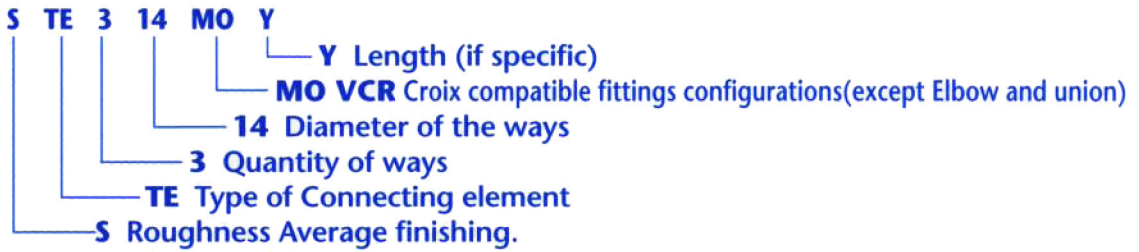
HP : High Pressure (200 bar)

Otherwise : 40 bar

Standard Length : 70,6 mm

or 2" for filters with RHP® fittings

4- INTERCONNECTING ELEMENTS CODIFICATION



Roughness Average finishing :

S : Ra 0.2µm

Otherwise : Ra 0.4µm

Type of connecting element :

COUDE : Elbow

TE : TEE

US : Single Union

UD : Double Union

UT : Triple Union

UX... : Union X (4; 5; 6; and so on)

JC : Jumper Cross

CROIX : Cross

Quantity of ways :

2 : 2 ways

3 : 3 ways (see chart # 3 for VCR® fitting modularity)

4 : 4 ways (see chart # 5 for VCR® fitting modularity)

5 : other configuration

Diameter of ways in inches :

14 : 1/4

Type of connection :

MO : VCR® compatible

SW® : compatible Swagelock®

T : Tube Ø to be mentioned (6 à 6.35 mm)*

For Elbow and Union : VCR® compatible connection

FM : Female Male

MF : Male / Female

FF : Female / Female

MM : Male / Male

Standard Length :

Elbow : 35.3mm

Tee : 70.6mm

Single Union : 70.6mm

Double Union : 141.8mm

Triple Union : 213mm

Jumper Cross : 70.6mm

Cross : 70.6mm