

VALVE SERIES 40VM

PRESSURES TO 40,000 PSI

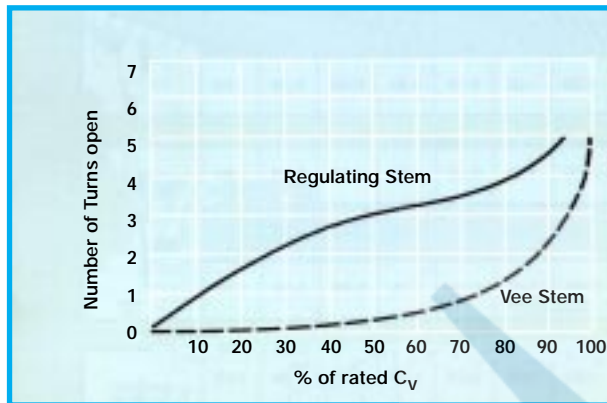
O.D. Size Inches	Connection Type	Orifice Size Inches	Rated C _v *	Pres./Temp. Rating psi @R.T.
9/16	F562C40	0.109	0.28	40,000

Notes:

* C_v values shown are for 2-way straight valve pattern. For 2-way angle patterns, increase C_v value 50%.



Generalised Flow Coefficient Curves (C_v)

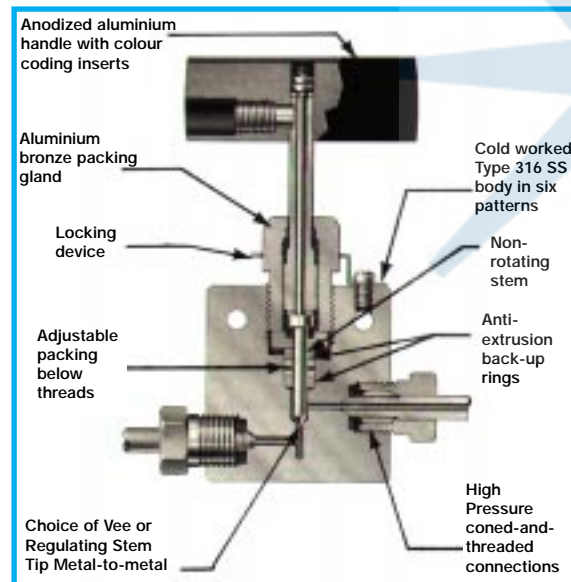


Ordering Procedure

40VM Series valves are furnished complete with connection components, unless otherwise specified. Typical catalogue number: **40VM9071**.

40VM	9	07	1	Options
Valve Series	O.D. Tube Size	Stem Type	Body Pattern	Options
	9 - 9/16"	07 - non-rotating VEE stem (on-off service) 08 - non-rotating regulating stem (tapered tip for regulating and shut off)	1 - two-way straight 2 - two-way angle	Extreme temperature option, see below.

P
A
G
E



Valve Options

Extreme temperatures. Standard AE valves with nylon-leather packing may be operated to 230°F. High temperature packing and/or extended stuffing box are available for service from -423°F to 1200°F by adding the following suffixes to catalogue order number.

TG standard valve with Teflon glass packing to 600°F.

GY standard valve with graphite braided yarn packing to 800°F.

HT extended stuffing box valve with graphite braided yarn packing to 1200°F.

B standard valve with cryogenic trim materials and Teflon packing to -100°F.


LT extended stuffing box valve with Teflon packing and cryogenic trim materials to -423°F.

Valve Maintenance

Repairs Kits: add "R" to the front of valve catalogue number for proper repair kit. Eg. **R40VM9071**

Valve Bodies: add "VB" to the end of valve catalogue number for correct valve body. Eg. **40VM9071VB**

2-WAY STRAIGHT

Catalog Number	Stem Type	O.D. Tube (inches)	Ori-fice (inches)	Dimensions (inches)												Block Thick-ness	Valve Pattern
				A	B	C	D	D ₁	E	F	G	G ₁	H*	M	N		
40VM9071	Vee	9/16	0.109	2.62	1.31	0.72	1.75	1.31	2.50	3.00	1.00	0.28	4.88	0.69	0.38	1.50	
4VM9081	Reg																

G - Packing gland mounting hole drill size

G₁ - Bracket mounting hole size

Panel mounting drill size: 0.22" all valves

All dimensions for reference only and subject to change.

*Height to top of stem. Handle add approximately 3/16".

BACK TO

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PLEASE SEE FOLLOWING PAGES FOR FURTHER DETAILS CATALOGUE