

Decoding Cheminert Valve Product Numbers

Examples:

C1 - 1 3 4 6

C1-1346: C1 through-the-handle injector, 0.25 mm ports, Valcon E rotor, PAEK stator, 6 ports, manual (blank = manual)

C5 - 2 0 0 6 EMH

C5-2006EMH: C5 stream selector, 0.40 mm ports, Valcon H rotor, Nitronic 60 stator, 6 positions, microelectric actuator

C22Z - 3 1 8 0 EH

C22Z-3180EH: C22Z low pressure injector with ZDV fittings, 0.75 mm ports, Valcon E2 rotor, PPS stator, 10 ports, microelectric actuator

C74NX - 6 6 9 4 -.01 E

C74NX-6694-.01E: C74NX UHPLC nanovolume internal sample injector, 150 micron ports (.006"), Valcon E3 rotor, coated stainless stator, 4 ports, 10 nl internal sample size, standard electric actuator

PORT SIZE	ROTOR MATERIAL	STATOR MATERIAL	PORTS / POSITIONS	INTERNAL SAMPLE SIZE	ACTUATOR
3. Required.	4. Required.	5. Required.	6. Required.	7. Optional. For internal sample inj.	8. Required.
0 0.15 mm (.006")	0 Valcon H	0 Nitronic 60	Ports (Two position)	.004 0.004 µl (4 nl)	A Air
1 0.25 mm (.010")	1 Valcon E2	1 CTFE	4 4	.01 0.01 µl (10 nl)	E Standard electric
2 50 µm (.002")* or 0.40 mm (.016")	2 Valcon T	2 Hastelloy C **	6 6	.02 0.02 µl (20 nl)	Microelectric, two position
3 0.75 mm (.030")	3 Valcon E	3 Titanium **	8 8	.05 0.05 µl (50 nl)	EQ • highest speed
4 100 µm (.004")* or 1.00 mm (.040")	4 Valcon M	4 PAEK	0 10	.1 0.1 µl	EH • high speed
5 1.25 mm (.050")	5 [not used]	5 Valcon E4	Positions (Selectors)	.2 0.2 µl	EP • medium torque
6 150 µm (.006")* or 1.50 mm (.060")	6 Valcon E3	6 [not used]	4 4	.5 0.5 µl	ED • high torque
7 2.00 mm (.080")	7 Valcon TF	7 PVDF	6 6	1 1.0 µl	ET • highest torque
8 3.18 mm (.125")	8 Valcon P	8 PPS	8 8	2 2.0 µl	Microelectric, for selectors
9 4.60 mm (.180")		9 Coated stainless	0 10	Put a hyphen (-) before the sample size in the product number.	EMH • high speed
* for nanovolume valves		** These stator materials are coated when in a C72 / C74 / C75 series valve	14 14		EMT • high torque
			20 20		[blank] Manual
			24 24		D Driver only (for use with existing actuator)
			26 26		

NOTE!

This chart is for decoding existing product numbers, **not** for inventing new ones. Some options can not work with certain valve types and designs!

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