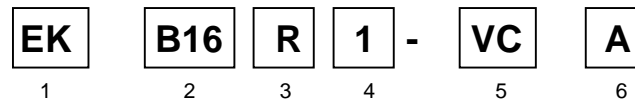


EK 11,16,21,31,36 Model Code



1 Pump Series

EK IP 67 aggressive environment rated electronic metering pump with external pulse control or manual speed control (adjustable to 360 strokes per minute) and manually adjustable stroke length. (Turndown ratio 1800:1.)

2 Capacity/Pressure Rating

Size	Maximum Output Capacity		Max. Output per Stroke (mL)	Maximum Pressure ¹		Connection Size (in) Tubing O.D
	(Gal/hr)	(mL/min)	Max.	PSI	MPa	
B11	0.6	38	0.11	150	1.0	3/8
B16	1.0	65	0.18	105	0.7	3/8
B21	1.8	115	0.32	60	0.4	3/8
B31	3.3	210	0.58	30	0.2	1/2
C16	1.3	80	0.22	150	1.0	3/8
C21	2.3	145	0.40	105	0.7	3/8
C31	4.3	270	0.75	50	0.35	1/2
C36²	6.7	420	1.17	30	0.2	1/2

¹ Auto Air vent valve reduces maximum pressure approx. 35 PSI (0.2 MPa)

² Output of the EKC36-TC/FC/SH is 6.3 GPH (400 ml/min)

3 Control Module

R For use on all EK models, features external pulse input control and stop input

4 Voltage

- 1** 115 VAC, 50/60 Hz
- 2** 230 VAC, 50/60 Hz

5 Liquid End

Li quid End Code	Pump Head & Fittings	Diaphragm	Valve Balls	Valve Seat	Valve Seals	Gasket	Tubing
PC	GFRPP	PTFE (bonded to EPDM)	CE	FKM	FKM	PTFE	PE
PE	GFRPP		CE	EPDM	EPDM		
VC	PVC		CE	FKM	FKM		
VE	PVC		CE	EPDM	EPDM		
VF	PVC		PTFE	EPDM	EPDM		
TC	PVDF		CE	FKM	FKM		
FC	PVDF		CE	PCTFE	PTFE		
SH	SS		HC	HC	PTFE		

6 Options

- A** Auto air vent valve installed in place of manual air vent valve. Available for B11, B16, C16 and C21 sizes with –VC liquid ends.

- M** Multifunction Valve is supplied in place of the manual air vent valve. Available for the 11, 16 and 21 size pumps with VC, VE, VF, PC, and PE liquid ends. Not available with the AAVV feature.