



## Model Identification Guide

<b>LK</b>	<b>N</b>	<b>32</b>	<b>A</b>	<b>-</b>	<b>VC</b>
1	2	3	4		5

- 1** LK Series motor-driven metering pump
- 2** N – NEMA 42C motor mounting flange
- 3** Capacity/Pressure Rating. Refer to specifications and outer dimensions below.
- 4** Motor Code:
- A = 115/230V, 60Hz, 1 ph, 1/3 HP, 1725 RPM, TEFC Frame 42C
  - B = 230/460V, 60Hz, 3 ph, 1/3 HP, 1725 RPM, TEFC Frame 42C
  - C = 190/380V//230/460V, 50/60Hz, 3 ph, 1/3 HP, 1450/1725 RPM, TEFC, Frame 42C
  - D = 90VDC, 1 ph, 1/3 HP, 1750 RPM, TENV, Frame 42C Variable Speed Motor, 115V Control
  - E = 180VDC, 1 ph, 1/3 HP, 1750 RPM, TENV, Frame 42C Variable Speed Motor, 230V Control
  - F = 230/460V, 60Hz, 3 ph, 1/3 HP, 1725 RPM, Explosion Proof Motor: Class 1, Div 1, Group C & D
  - G = 230/460, 60 Hz, 3 ph, 1725 RPM, Inverter Duty Motor, TENV, 42C
- 5** Liquid End Code. Refer to the table below.

Material symbol			VC	VH	VS	TC	S6
Part	Pump head		PVC	PVC	PVC	PVDF	316 SS
	Valve ball		CE	HC	HC/304 SS	CE	HC
	Valve seat	Type 32	FKM	EPDM	304 SS	FKM	316 SS
		Type 45 to 57	PVC	PVC	304 SS	PVDF	316 SS
	O ring		FKM	EPDM	EPDM	FKM	-
	Valve gasket		PTFE				
Diaphragm		PTFE + EPDM					

CE: Alumina ceramic      HC: Hastelloy C267

## Specifications

Model	Capacity		Maximum Pressure PSI (MPa)		Stroke speed (spm)		Connection NPT		Viscosity cps
	50Hz (l/h)	60Hz (GPH)	PVC/PVDF	SS	50Hz	60Hz	PVC/PVDF	SS	
LKN32	30	9.5	150 (1)	225 (1.5)	96	116	½"	½"	VC: 300 TC: 300 VH: 500 VS: 1000 S6: 1000
LKN45	50	15.9	150 (1)	225 (1.5)	48	58	½"	½"	
LKN47	100	31.8	120 (0.8)	120 (0.8)	96	116	½" *	½"	
LKN55	168	53.4	75 (0.5)	75 (0.5)	48	58	1"	1"	
LKN57	360	114.3	45 (0.3)	45 (0.3)	96	116	1"	1"	

\* LKN47-VS has 1" NPT connections