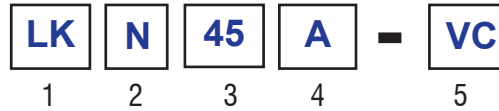




Ordering Information



1 LK Series motor driven metering pump

2 N - NEMA 42C motor mounting flange

3 Capacity/Pressure Rating

Model	Capacity		Max Pressure PSi (MPa)		Stroke Speed SPM		Connection	Net Weight lbs	
	50 Hz LPH	60 Hz GPH	PVC/PVDF	SS	50 Hz	60 Hz		PVC/PVDF	SS
LKN32	30	9.5	150 (1)	225 (1.5)	96	116	1/2"	26	37
LKN45	50	15.9	150 (1)	225 (1.5)	48	58	1/2"	31	46
LKN47	100	31.8	120 (0.8)	120 (0.8)	96	116	1/2"***	31	46
LKN55	168	53.4	75 (0.5)	75 (0.5)	48	58	1"	35	57
LKN57	360	114.3	45 (0.3)	45 (0.3)	96	116	1"	35	57

* Capacities listed are at max. pressure

** LKN47 with VS liquid end has 1" NPT connections

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 = 190/380/230/460V, 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 = 23-/460V, 60Hz, 3 ph, 1/3 HP, 1725 RPM, Inverter Duty Motor, TENV, 42C

5 Liquid End Code

Type	VC	VH	VS	TC	S6
Application	Acids	Alkalines	Viscosity & Slurry	Strong acids	Solvents
1. Pump head	PVC			PVDF	SS316
2. Valve ball	CE	HC	HC/SS304	Alumina Ceramic	HC
3. Valve seat Type 32	FKM	EPDM	SS304	FKM	SS316
Type 45 to 47	PVC		SS304	PVDF	SS316
4. O-ring	FKM	EPDM		FKM	----
5. Valve gasket	PTFE				
6. Diaphragm	PTFE + EPDM				

Material symbols

- PVDF: Polyvinylidene fluoride
- CE: Ceramic
- FKM: Fluoroelastomer
- EPDM: Ethylene propylene diene monomer
- HC: Hastelloy C276

Notes:

1. **Iwaki America recommends the installation of a pressure relief valve and a pulsation dampener in the discharge line of the LK Series pumps.** Contact your IA distributor for these and other control and accessory products from Iwaki America.
2. Maximum viscosity at rated output is 1000 cps for VS and S6, 500 cps for VH and 300 cps for VC and TC.

