Ordering Information

LK	N	45	A	-	VC
1	2	3	4		5

1 LK Series motor driven metering pump

2 N - NEMA 42C motor mounting flange

3 Capacity/Pressure Rating

Model	Capacity * LPH@50Hz	Capacity * GPH@60Hz	Max. Pressure PSI PVC/PVDF	Max. Pressure PSI SS	Stroke Speed spm 50 Hz	Stroke Speed spm 60 Hz	Connection NPT	Net Weight lbs PVC/PVDF	Net Weight lbs SS
LKN32	30	9.5	150	225	96	116	1/2”	26	37
LKN45	50	15.9	150	225	48	58	1/2”	31	46
LKN47	100	31.8	120	120	96	116	1/2”**	31	46
LKN55	168	53.4	75	75	48	58	1”	35	57
LKN57	360	114.3	45	45	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

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 57	PVC		SS304	PVDF	SS316
4. O-ring	FKM	EPDM		PVDF	-----
5. Valve gasket	PTFE				
6. Diaphragm	PTFE + EPDM				

Material symbols

PVDF: Polyvinylidenefluoride
CE: Ceramic
FKM: Fluoroelastomer
EPDM: Ethylene propylene diene monomer
HC: Hastelloy C276

Notes:

1. **Walchem recommends the installation of a pressure relief valve and a pulsation dampener for LK Series pumps.** Contact your Walchem distributor for these and other control and accessory products from Walchem.

2. Maximum viscosity at rated output is 1000 cps for VS and S6, 500 cps for VH and 300 cps for VC and TC.

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Walchem Corporation Five Boynton Road Hopping Brook Park Holliston, MA 01746 USA
www.walchem.com Telephone: 508-429-1110 Fax: 508-429-7433

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