



IWAKI Motor driven metering pump 'LK'



Applications:

- Accurate transfer of strong acids
- Proportional feeding of additives
- Automatic dilution of chemical liquids
- Chemical liquid concentration control
- Automatic process control related to pH
- Replenishing of chemicals
- Accurate quantity spraying
- Metering set-up
- Pressurised transfer or filtering of various types of slurries

Range:

Capacity	:	upto 2700 lph
Discharge pressure	:	upto 1.5 MPa
Stroke speed	:	upto 96 spm

Material:

Diaphragm	:	PTFE coated EPDM
Pump head	:	PVC, PVDF, SUS 316, SCS 13
Valve	:	Ceramic, Alumina Ceramic, Hastelloy C, SUS 304

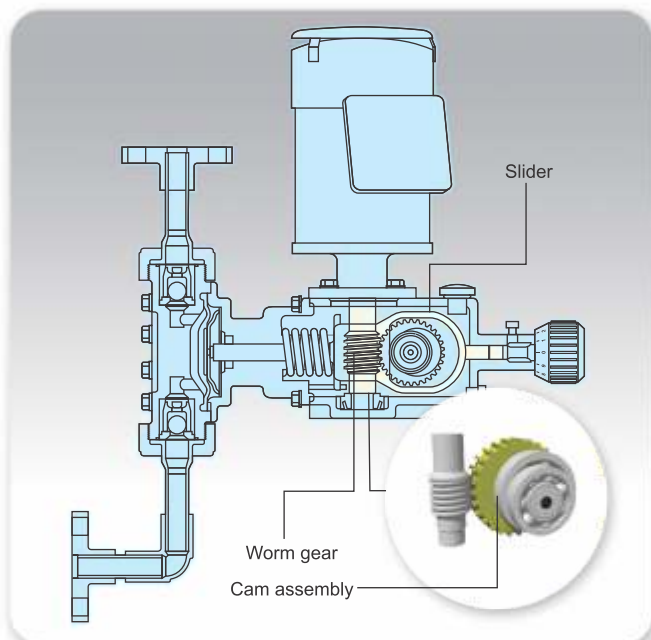
Features:

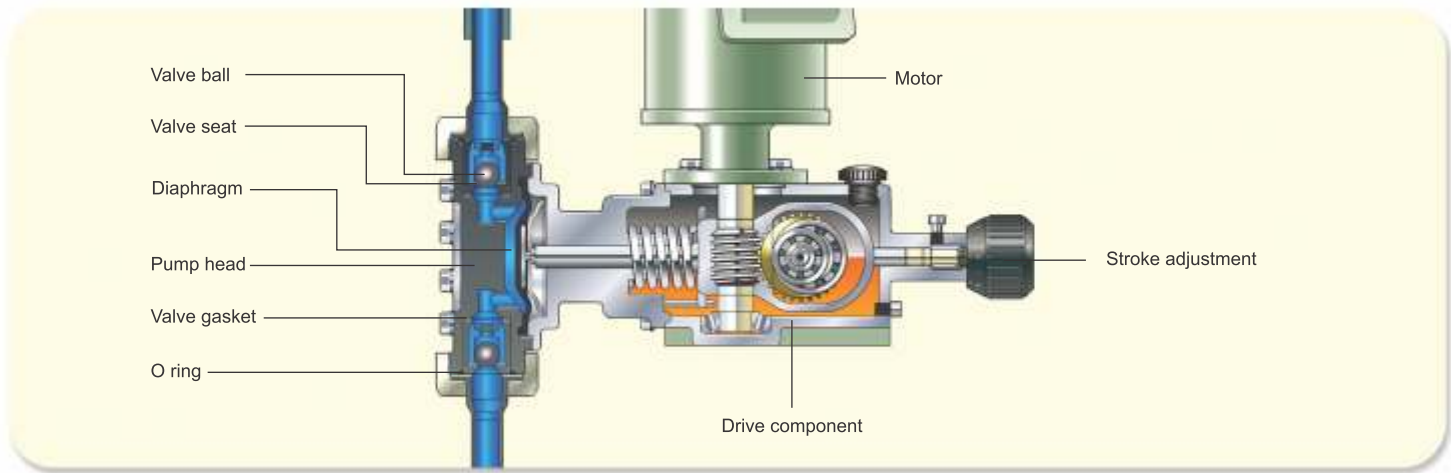
- Compact design yet rigid & reliable operation.
- Driving section with worm gear type dual-cam.
- Seven types of material options for wider applications.
- Cost efficient chemical dosing pump with ease of operation.

Design:

LK series has high performance and application oriented design. Discharge accuracy (stability) is within $\pm 2\%$. Reliability is considerably enhanced through efforts to improve the linearity of the stroke/discharge ratio as well as the dispersion between strokes.

Three types of joints: flange, hose and union are standardized for the connections. Hence the optimum piping system can be selected (Only with 0.2kW Iwaki original motor type).





Pump identification :

2 LK - A 65 VC H - 04 F E S
 1 2 3 4 5 6 7 8 9 10

Item	LK	LK - F / A / B / C (JEM or IEC motor type)
1. Simplex / duplex	None: Simplex, 2 : Duplex (special drive section: LK-11 to 47)	None: Simplex
2. Series name	Mechanical driven diaphragm type LK Series	
3. Drive section	None: IWAKI original motor type 0.2 kW / 0.25 kW	F : 0.25 or 0.37 (for IEC), 0.4 kW, A : 0.4 kW B : 0.75 kW, C : 1.5 kW
4. Type no.	First digit: Diaphragm (pump head size) Second digit: Speed-reducing gear ratio 1.5 : 1/30, 2.7 : 1/15, 6 : 1/20	
5. Material symbol	VC, VH, VS4, VS, TC, S6, S4	
6. Joint	None: Flange, U : Union (LK-11 TO LK-47), H : Hose (LK-11 to LK-47)	
7. Motor output	02 : 0.2 kW, 03 : 0.25 kW (single phase)	04 : 0.4 kW, 07 : 0.75 kW, 15 : 1.5 kW
8. Special motor		F : Inverter motor (Note: General-purpose motors have no explosion-proof symbol)
9. Servo unit	E : With electric servo unit	
10. Special symbol	S : Special specification other than standard	

Note: In case of pump without motor installation, the above items 7 and 8 are not indicated

A.T.E. advantages

A.T.E.'s Flow Technology division, with its India-wide network of regional sales and service offices, is always close to its customers and provides them prompt pre and post sales services. Our qualified and trained sales and service teams support our customers on product recommendation, application engineering, design layouts as well as installation.



A.T.E. ENTERPRISES PRIVATE LIMITED
 Bhagwati House, A - 19, CTS No. 689
 Veera Desai Road, Andheri (West)
 Mumbai - 400 053, India
 E-mail: flowtech@ateindia.com
 T : +91-22-6676 6100
 W : www.ateindia.com
 CIN: U51503MH2001PTC132921

Ahmedabad: +91-79-25600995
 Bengaluru: +91-80-25510030
 Coimbatore: +91-422-2223286
 Hyderabad: +91-40-27898132
 Kolkata: +91-33-24869811
 Pune: +91-20-2729 3942
 New Delhi: +91-11-45555000
 Dhaka: +880-2-8954982

