



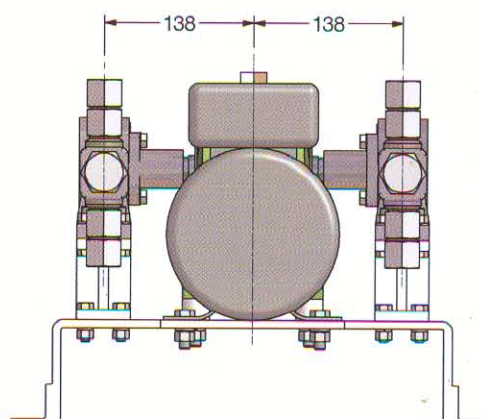
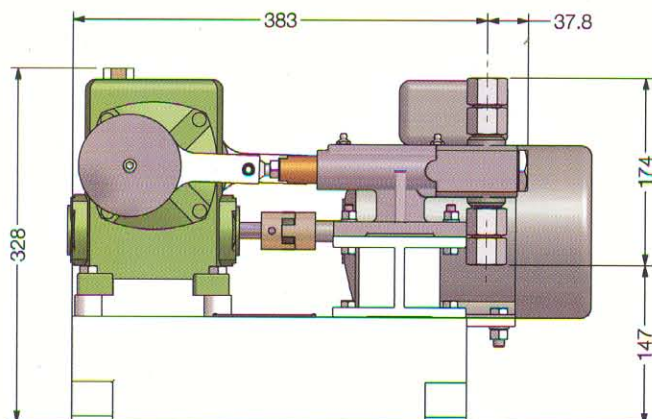
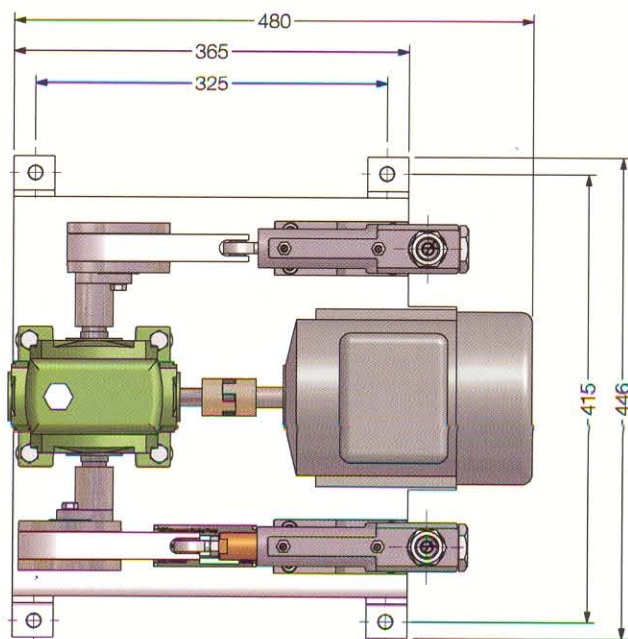
QUALITY
MANAGEMENT
SYSTEM

KEWPUMP®

KDP

KDP dosing pump is a positive displacement, reciprocating pump with adjustable flow as process conditions require. It has a high level of repetitive accuracy and is capable of pumping a range of chemicals, including acid base, corrosive or viscous liquids. Models DOS 301/302 (simplex/duplex) are manufactured for easy operation, less space requirement, least maintenance with maximum efficiency.

Design and General Dimensions



Range

Maximum capacity:
Simplex - 30 L/Hr
Duplex - 60 L/Hr
Maximum pressure:
35 Kg/cm²
Maximum suction lift:
3m for water

Specifications

Motor - 0.75HP, 4 Poles
Reducer - 1 : 20
Stroke per min - 72
Piston Diameter - 16mm
Maximum Stroke - 1 3/4 in

Material of Construction

Casing - Stainless Steel
Piston Shaft - Stainless Steel
Fitting - Stainless Steel
Packing Set - Viton + Teflon
Valve Ball - Stainless Steel

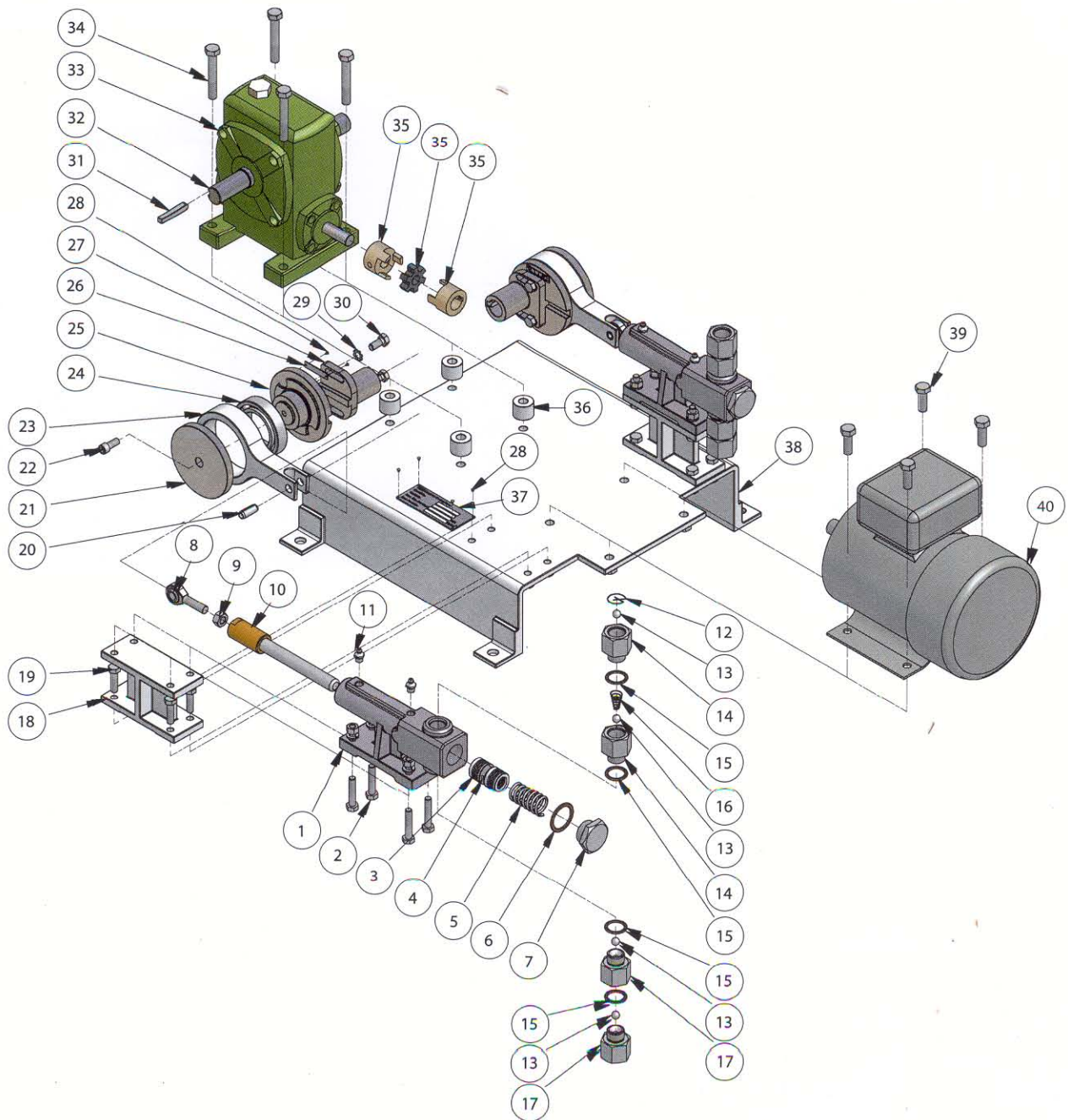
Connections

Suction - 1/2" BSP
Discharge - 1/2" BSP

Features

- ✓ Available in simplex, or duplex for multi chemical feed
- ✓ Materials of construction for metering chemicals for industrial and agricultural uses
- ✓ Output adjustable from zero to maximum capacity
- ✓ Completely self priming
- ✓ Double ball valve action for ease of priming
- ✓ Eccentric assembly has lifetime lubricated components
- ✓ Heavy duty worm gear reducer with oil sight gauge

PARTS LIST



Item No.	Part No.	Description	Quantity	Item No.	Part No.	Description	Quantity
1	KDP.1	Casing	2 *	21	KDP.7	Bearing Cover	2 *
2	--	Casing Bolt	8 *	22	--	Bearing Cover Bolt	2 *
3	--	Packing	2 *	23	KDP.8	Eccentric Shaft	2 *
4	KDP.2	Grease Gland	2 *	24	--	Bearing	2 *
5	--	Coil Spring	2 *	25	KDP.9	Bearing Cam	2 *
6	--	Casing Cap Plain Type Washer	2 *	26	KDP.10	Stroke Scale Indicator	2 *
7	KDP.3	Casing Cap	2 *	27	KDP.11	Shaft Coupling	2 *
8	--	Rod End Bearing	2 *	28	--	Grooved Stud	8 *
9	--	Rod End Bearing Nut	2 *	29	--	Ext. Teeth Lock Washer	4 *
10	KDP.4	Piston Shaft	2 *	30	--	Shaft Coupling Bolt	4 *
11	--	Grease Nipple	4 *	31	KDP.12	Reducer Shaft Key	2 *
12	--	Spring Clip	2 *	32	KDP.13	Reducer Shaft	1
13	--	Valve Ball	8 *	33	--	Worm Gear Reducer	1
14	KDP.6	Discharge Valve Body	4 *	34	--	Worm Gear Reducer Bolt	4
15	--	Valve Body Plain Type Washer	8 *	35	--	Coupling Set	1
16	--	Cone Shape Coil Spring	2 *	36	KDP.15	Reducer Support Spacer	4
17	KDP.17	Suction Valve Body	4 *	37	KDP.16	Name Plate	1
18	KDP.5	Casing Support Stand	2 *	38	KDP.14	Base Plate	1
19	--	Casing Support Stand Bolt	8 *	39	--	Motor Bolt	4
20	--	Spring Pin	2 *	40	--	Motor	1

All quantities based on duplex arrangement.

For simplex arrangement, all quantities marked * should be divided by 2, except for Item No. 28, which quantity for simplex arrangement is 6.

Product specifications subject to change without prior notice.