



WE CARE ABOUT YOUR METERING NEEDS

Via Bagutti 5
6900 Lugano CH
info@fimars.com
www.fimars.com
Tel +41 912103529
Fax +41 912103530
Mob +41 779742863

FIMARS SA



FIMARS
METERING PUMPS



FUL SERIES TECHNICAL CATALOGUE

FUL PUMP SERIES

● Zero Leakage Plunger Pump FUL series

FUL series plunger pumps equipped with FPS technology: "FREE PERMANENT SEAL" guarantees zero leakage, while performances are constant also at higher pressure .

▲ Performances:

Flow rate: 0-1000 l/h

Pressure: up to 100 bar

Accuracy: $\pm 2\%$ of rated flow from 10 to 100% of rated flow *

▲ Features:

Zero leakage plunger pump

Robust, compact reliable design

Easy handling with minimum maintenance

▲ Adjustment:

0-100% Stroke adjustment while running or steady

Standard micrometric manual adjustment 1 mm per turn

Optional electric actuator, 4-20 mA or 0-10 V command with manual override

Optional motor with integrated inverter for frequency control

▲ Materials:

Silver painted aluminum casing

Standard liquid end executions: S.S. 316 L, PVC

Customized executions available: Incoloy 825, Hastelloy C276, Titanium, etc...

▲ Customized solutions:

ATEX executions

Double valve assemblies

UN/ANSI flanges

High viscosity executions

Special motors

*Performances valid with 50Hz power supply

FIMARS
METERING PUMPS

FUL
Zero Leakage



FUL PUMP SERIES

● Liquid End Standard Executions

Executions	V	A	F	V33	AT	T
Pump Head	PVC	S.S. 316L	PVDF	PVC	S.S. 316L	PTFE
Seat	PVC	S.S. 316L	PVDF	S.S. 316L	S.S. 316L	PTFE
Cage	PP	PP	PVDF	PP	PP	PP
Valve	PYREX	S.S. 316L	PTFE	S.S. 316L	S.S. 316L	PTFE
Plunger	PVDF	S.S. 316L	PVDF	PVDF	PTFE	PTFE
Valve Gasket	FPM	FPM	PTFE	FPM	FPM	PTFE
Plunger Gasket	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE

● Performances

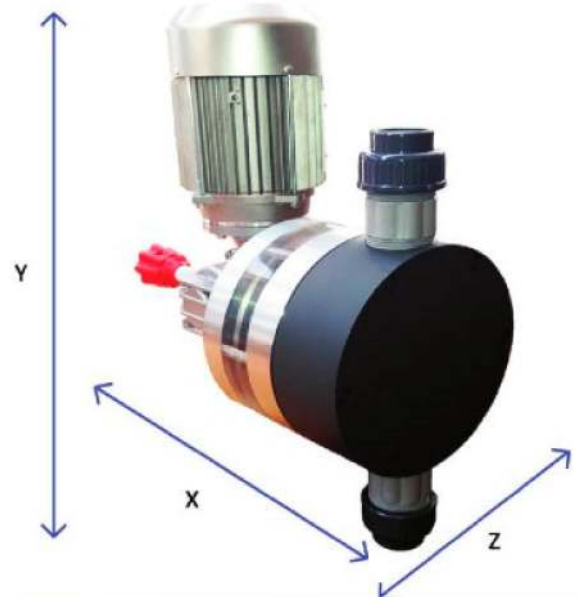
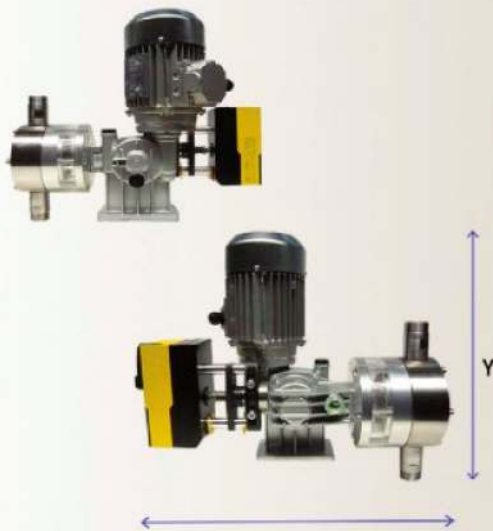
Performances valid with 50Hz power supply

Type	Plunger Diam.	Flow Max (L/h)	Pressure Max (bar)	Stroke Speed (spm)	Connections std
FUL4	20	4	10	34	3/8"
FUL7	20	7	10	71	3/8"
FUL11	20	11	10	106	3/8"
FUL16	20	16	10	150	3/8"
FUL8	30	8	10	34	3/8"
FUL17	30	17	10	71	3/8"
FUL26	30	26	10	106	3/8"
FUL36	30	36	10	150	3/8"
FUL20	40	20	10	34	3/8"
FUL45	40	45	10	71	3/8"
FUL65	40	65	10	106	3/8"
FUL95	40	95	10	150	3/8"
FUL35	50	35	10	34	3/8"
FUL70	50	70	10	71	3/8"
FUL105	50	105	10	106	3/8"
FUL150	50	150	10	150	3/8"
FUL50	60	50	10	34	3/8"
FUL100	60	100	10	71	3/8"
FUL155	60	155	10	106	3/8"
FUL215	60	215	10	150	3/8"
FUL75	75	75	10	34	3/8"
FUL160	75	160	10	71	3/8"
FUL240	75	240	10	106	3/8"
FUL340	75	340	10	150	3/8"
FUL110	90	110	10	34	1"
FUL230	90	230	10	71	1"
FUL345	90	345	10	106	1"
FUL490	90	490	10	150	1"
FUL215	125	215	10	34	1"
FUL445	125	445	10	71	1"
FUL665	125	665	9	106	1"
FUL945	125	945	6	150	1"



FUL PUMP SERIES

● FUL Dimensional Drawing



Y = S.S. 316L 405mm / PVC - PVDF 415mm

X = 395mm / with actuator 455mm

Z = 200mm

