

FIMARS

METERING PUMPS



NEO

Series

TECHNICAL CATALOGUE

FIMARS 
METERING PUMPS

WE
CARE
ABOUT
YOUR
METERING
NEEDS

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FIMARS SA



NEO PUMP SERIES

● Plunger Pump NEO series

◆ Performances:

Flow rate: 0-425 l/h
Pressure: up to 150 bar
Accuracy: $\pm 2\%$ of rated flow from 10 to 100% of rated flow

◆ Features:

Low flow rate, high pressures
Robust, compact reliable design
Accurate dosing at any pressure

◆ 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:

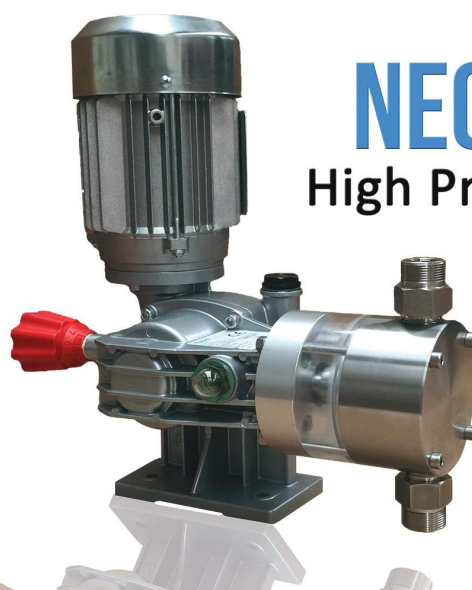
ATEX executions
Double valve assemblies
UNI/ANSI flanges
High viscosity executions
Special motors



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NEO

High Pressure



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● Liquid End Standard Executions

Executions	VA	V33	V	A	AF
Pump-Head	PVC	PVC	PVC	S.S. 316L	S.S. 316L
Valve Seat	PVC	S.S. 316L	PVC	S.S. 316L	S.S. 316L
Valve Guide	PP	PP	PP	PP	S.S. 316L
Ball Valve	PYREX	S.S. 316L	PYREX	S.S. 316L	S.S. 316L
Valve Gasket	FPM	FPM	FPM	FPM	FPM
Plunger	S.S. 316L	S.S. 316L	CERAMIC	S.S. 316L	S.S. 316L
Plunger Gasket	FPM	FPM	FPM	FPM	FPM



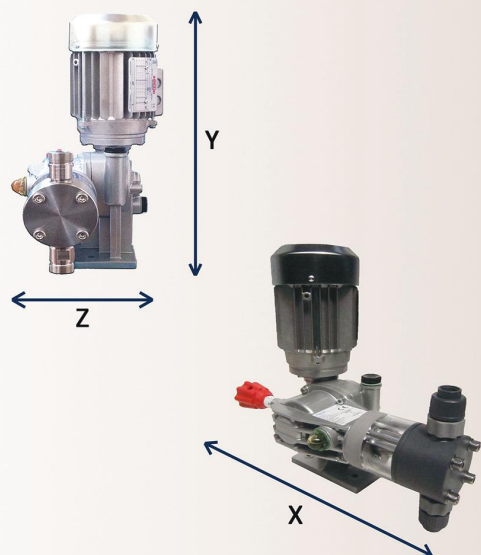
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● Performances

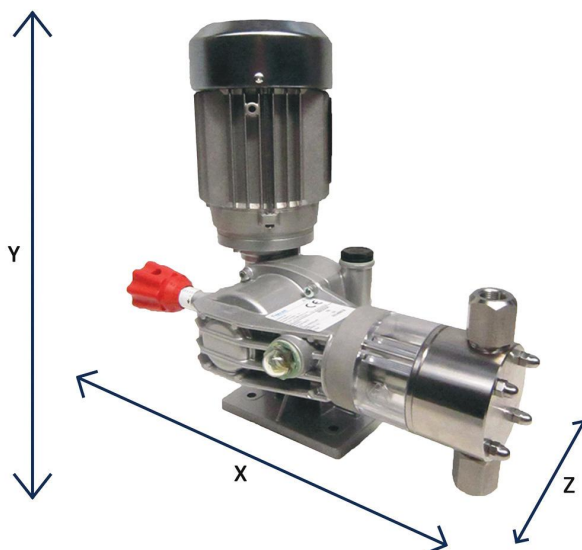
Type	Plunger Diam. mm	Flow Max (l/h)	Pressure Max (bar) with std motor	Std Motor Power (Kw)	Pressure Max (bar) with spc. motor	Stroke Speed (spm)	Connections std
NEO2	10	2	2.4	10	150	34	40
NEO4.5	10	4.5	5.4	10	150	71	85
NEO7	10	7	8.4	10	150	106	127
NEO10	10	10	-	10	150	150	-
NEO5	15	5	6	10	150	34	40
NEO10.5	15	10.5	12.6	10	150	71	85
NEO16	15	16	19	10	150	106	127
NEO22	15	22	-	10	150	150	-
NEO11	22	11	13	10	120	34	40
NEO23	22	23	28	10	120	71	85
NEO34	22	34	41	10	120	106	127
NEO48	22	48	-	10	120	150	-
NEO19	29	19	23	10	80	34	40
NEO40	29	40	48	10	80	71	85
NEO60	29	60	72	10	80	106	127
NEO84	29	84	-	10	80	150	-
NEO26	34	26	31	10	60	34	40
NEO55	34	55	66	10	60	71	85
NEO82	34	82	98	10	60	106	127
NEO116	34	116	-	10	60	150	-
NEO46	45	46	55	10	20	34	40
NEO96	45	96	155	10	20	71	85
NEO144	45	144	173	10	20	106	127
NEO204	45	204	-	10	20	150	-
NEO69	55	69	83	7	10	34	40
NEO145	55	145	174	7	10	71	85
NEO215	55	215	258	7	10	106	127
NEO305	55	305	-	7	10	150	-
NEO95	65	95	114	5	10	34	40
NEO201	65	201	241	5	10	71	85
NEO301	65	301	316	5	10	106	127
NEO425	65	425	-	5	10	150	-

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● NEO Dimensional Drawing



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Y = 368 mm

X = 350 mm / with actuator 747 mm

Z = 190 mm