

MOTOR DRIVEN PISTON DOSING PUMPS



FLUIDPRO

Dosing Systems

www.fluidprodosingsystems.com.au

QLD 07 3071 7415 NSW 02 8069 2664 VIC 03 9021 6624

FWT MOTOR DRIVEN METERING PUMPS



⇒ **PLUNGER “piston”** actuated motor driven metering pumps:

PS series: flow rates from 6 to 190 l/h with pressures up to 20 bar

PM series: flow rates from 14 to 1027 l/h with pressures up to 25 bar

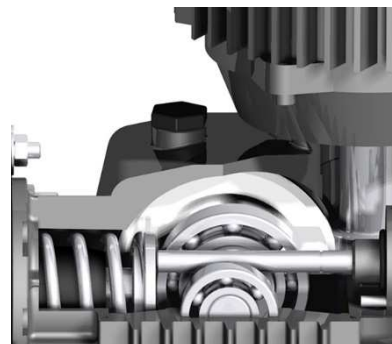
⇒ **Gearbox** in cast aluminium protected with Epoxy paint. The gearbox mechanism is operated by an eccentric cam, which provides a positive displacement delivery stroke, whilst the suction stroke is **spring** assisted.

⇒ **Adjustable capacity** from 0÷100% whilst in operation or at rest. Flow rate is adjusted by a micrometer knob which control stroke length (10:1 turndown ratio).

⇒ **Maximum suction lift** 4 metres (with water).

⇒ **Motor and gearbox** coupled by means of a **flexible motor coupling**, thus increasing transmission life.

*Each pump is individually tested, and all units are **CE** certified*



MOTORS CHARACTERISTICS

⇒ Standard **MULTI FREQUENCY/VOLTAGE:** 230-400Vac 50Hz • 275-480Vac 60Hz/ 3phase

⇒ Conform with IP55 protection. Isolation class F, others available upon request

⇒ Motors are TEFC vertically mounted, B14 type, ~1400 rpm

Other power supply upon request:

• 230 Vac 1 phase 50 Hz or 230 Vac 60 Hz (*) • 110 Vac 1 phase 50 Hz or 60 Hz (*)

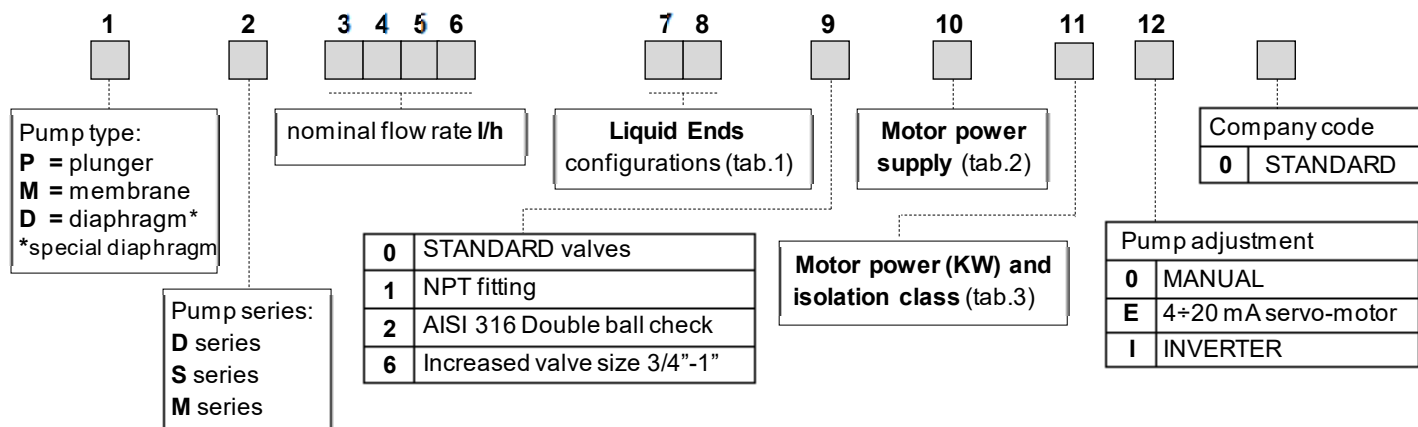
(*) **NOTE:** 60 Hz frequency, motor speed, stroke rates and flow rates increase approx. 20%.



MOTOR CODES	POWER	MOTOR FLANGES comply with IEC 60072 norms (to consider for pumps without motors)
Code 1	0,18 kW	Flange 63 IM B14
Code 0	0,25 kW	Flange 71 IM B14
Code 6	0,37 kW	Flange 71 IM B14
Code 7	0,55 kW	Flange 80 IM B14
Code 9	0,75 kW	Flange 80 IM B14

MOTOR DOSING PUMPS

CONFIGURATIONS CODE



DIGITS 7-8 Tab.1: tables points out different configurations, as combinations of materials for head, gaskets and valves
PS - PM SERIES PLUNGER ACTUATED MOTOR DOSING PUMP

CONFIGURATION	Pump head	Piston	Piston Gaskets	Ball check	Valve seat	Valve o-rings
AA	AISI 316L	AISI 316L	NBR	AISI 316L	PVDF	NBR
AI	AISI 316L	AISI 316L	EPDM	AISI 316L	PVDF	EPDM
AP	AISI 316L	AISI 316L	FPM	AISI 316L	PVDF	FPM
AT	AISI 316L	AISI 316L	PTFE / AISI316L	AISI 316L	PVDF	FPM
AC	AISI 316L	CERAMIC	FPM	CERAMIC	PVDF	FPM
BA	PVC	CERAMIC	FPM	CERAMIC	PVC	FPM
BD	PVC	CERAMIC	NBR	CERAMIC	PVC	NBR
BI	PVC	CERAMIC	EPDM	CERAMIC	PVC	EPDM
BP	PVC	AISI 316L	FPM	AISI 316L	PVC	FPM
SA	PVDF	CERAMIC	FPM	CERAMIC	PVDF	FPM
TA	PTFE	CERAMIC	FPM	CERAMIC	PVDF	FPM

DIGITS 10 Tab.2: POWER SUPPLY

N	PUMP WITHOUT MOTOR
0	3 PHASE - 230/400 V 50Hz - 275/480V 60Hz
1	SINGLE PHASE - 230 Volt - 50 Hz
2	SINGLE PHASE - 110 Volt - 60 Hz
3	SINGLE PHASE - 110 Volt - 50 Hz
4	SINGLE PHASE - 220 Volt - 60 Hz
5	DIRECT CURRENT - 12 Volt
6	3 PHASE - 285/480 Volt - 60 Hz
7	3 PHASE - 575 Volt - 60 Hz
8	3 PHASE - 208 Volt - 60 Hz
9	3 PHASE - 660 Volt - 60 Hz

Example Code: PM 0256 AA 0 0 0 0 0

1st digit - P = Piston type

2nd digit - M = series

3rd / 4th / 5th / 6th digits - 0256 = Flow rate 256 l/h

7th / 8th digits - AA = standard AISI 316L configuration

9th digit - 0 = Standard Valves

10th digit - 0 = Standard power 230/400V-3ph-50 Hz

11th digit - 0 = Motor Power 0.25 kW

12th digit - 0 = Manual mode flow control

13th digit - 0 = Company internal code

DIGITS 11 Tab.3: MOTOR POWER-POLE-ISOLATION CLASS

N	PUMP WITHOUT MOTOR
0	0.25 kW - 4 poles - IP55 - class F
1	0.18 kW - 4 poles - IP55 - class F
2	0.25 kW - 4 poles - tropicalized - IP 55 - class F
3	0.25 kW - 4 poles - IP55 - ATEX EEX (D) zone 1/21 IIB T4
4	0.25 kW - 6 poles - IP55 - class F
5	0.25 kW - 4 poles - IP55 - class F customized
6	0.37 kW - 4 poles - IP55 - class F
7	0.55 kW - 4 poles - IP55 - class F
8	0.30 kW - 4 poles - IP55 - class F (DC Motor)
9	0.75 kW - 4 poles - IP55 - class F
A	0.37 kW - 4 poles - tropicalized - IP 55 - class F
B	0.25 kW - 4 poles - IP55 - class F UL/CSA (USA)
C	0.55 kW - 4 poles - IP55 - ATEX EEX (D) zone 1/21 IIB T4
D	0.55 kW - 4 poles - tropicalized - IP 55 - class F
E	0.18 kW - 4 poles - IP55 - ATEX EEX (D) zone 1/21 IIB T4
F	0.18 kW - 4 poles - tropicalized - IP 55 - class F
G	0.18 kW - 4 poles - IP55 - class F - SERVOVENTILATED
J	0.25 kW - 4 poles - IP55 - class F - SERVOVENTILATED
K	0.55 kW - 4 poles - IP55 - class F - SERVOVENTILATED
L	0.37 kW - 4 poles - IP55 - class F - SERVOVENTILATED
M	0.75 kW - 4 poles - IP55 - class F - SERVOVENTILATED
N	0.75 kW - 4 poles - IP55 - ATEX EEX (D) zone 1/21 IIB T4
O	0.25 kW - 4 poles - IP65 - class F - SERVOVENTILATED



PS series plunger actuated motor driven metering pump

Liquid Ends	configuration AA	configuration BA	configuration SA
Pump head	AISI 316L	PVC	PVDF
Ball check	AISI 316L	CERAMIC	CERAMIC
Valve seat	PVDF	PVC	PVDF
Valve o-rings	NBR	FPM	FPM
Piston	AISI 316L	CERAMIC	CERAMIC
Piston gaskets	NBR	FPM	FPM

FOR OTHER CONFIGURATIONS PLEASE CONTACT US

Configuration AI-BI-SI (EPDM gaskets and seals) **AP** (FPM gaskets and seals)

Piston type metering pumps are suitable when:

- ✓ High pressure dosing is required
- Low stroke pumps suitable for high viscous liquids
- Liquid WITHOUT suspended solids

PS series - AA configuration (AISI 316L) – 0,18 kW

Pump code	Flow l/h		Pressure bar		Power kW	Ø Piston	Strokes/min		Stroke length	Valves AA-AI-AP	Connections	
	50Hz	60Hz					50Hz	60Hz				
PS0011AA0010F	11	13,2	20	20	0.18	16 mm	60	72	15 mm	A²DV⁵	1/2" BSPm¹	Config.AA
PS0022AA0010F	22	---		---			120	---				
Liquid Ends Configuration AI (EPDM) / AP (FPM)												
PS0039AA0010F	39	46,8	13,5	11	0.18	30 mm	60	72	15 mm	A²DV⁵	1/2" BSPm¹	Config.AA
PS0077AA0010F	77	---	10	---			120	---				
Liquid Ends Configuration AI (EPDM) / AP (FPM)												
PS0095AA0010F	95	114	4,5	4	0.18	48 mm	60	72	15 mm	A²SV³	3/4" BSPm¹	Config.AA
PS0190AA0010F	190	---	3,5	---			120	---				
Liquid Ends Configuration AI (EPDM) / AP (FPM)												

PS series - BA configuration (PVC) - SA (PVDF) – 0,18 kW

Pump code	Flow l/h		Pressure bar		Power kW	Ø Piston	Strokes/min		Stroke length	Valves BA-SA	Connections		
	50Hz	60Hz					50Hz	60Hz					
PS0011BA0010F	11	13,2	10	10	0.18	16 mm	60	72	15 mm	P ⁴ DV ⁵	1/2" BSPm ¹	Config.BA	Config.SA
PS0022BA0010F	22	---		---			120	---					
Liquid Ends Configuration BI/ SI													
PS0039BA0010F	39	46,8	13,5	11	0.18	30 mm	60	72	15 mm	P ⁴ DV ⁵	1/2" BSPm ¹	Config.BA	Config.SA
PS0077BA0010F	77	---	10	---			120	---					
Liquid Ends Configuration BI/ SI (EPDM)													
PS0095BA0010F	95	114	4,5	4	0.18	48 mm	60	72	15 mm	P ⁴ DV ⁵	3/4" BSPm ¹	Config.BA	Config.SA
PS0190BA0010F	190	---	3,5	---			120	---					
Liquid Ends Configuration BI/ SI (EPDM)													

BSPm¹ = GAS male connections • A² = AISI 316 ball check (AA configuration) • P⁴ = CERAMIC ball check (BA and SA configurations)• S³ = single ball check • DV⁵ = double ball checks**Code configuration example:** PS0011BA001 features PVC liquid ends, 0,18 kW motor, max flow 11 l/h against max 10 bar**MOTOR:** MULTI FREQUENCY/VOLTAGE 230/400Vac, 3 phase, 50Hz • 275-480V/3 phase 60 Hz • Class F, IP 55, ~1400 rpm**USEFUL information for selecting dosing pumps:** Max flow rate, Max working pressure, viscosity, specific gravity (S.G.), temperature, area classification, suspended solids into chemical.



PM series plunger actuated motor driven meter pump

Liquid Ends	configuration AA	AP	AI
Pump head	AISI 316L	AISI 316L	AISI 316L
Ball check	AISI 316L	AISI 316L	AISI 316L
Valve seat	PVDF	PVDF	PVDF
Valve o-rings	NBR	FPM	EPDM
Piston	AISI 316L	AISI 316L	AISI 316L
Piston gaskets	NBR	FPM	EPDM

Configuration BI – SI (EPDM gaskets and seals)

PM series - AA configuration (AISI 316L) – 0,25 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves AA-AI-AP	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0014AA0000F	14	16,8	25	25	0.25	16 mm	60	72	20 mm	A ² DV ⁵	1/2" BSPm ¹	Config.AA
PM0024AA0000F	24	28,8	25	25			103	122				
PM0029AA0000F	29	---	25	---			120	---				
PM0052AA0000F	52	62,4	20	20		30 mm	60	72		A ² DV ⁵	1/2" BSPm ¹	Config.AA
PM0088AA0000F	88	105,6	20	18			103	122				
PM0103AA0000F	103	---	18	---			120	---				
PM0128AA0000F	128	153,6	12,5	9,5		48 mm	60	72		A ² SV ³	3/4" BSPm ¹	Config.AA
PM0220AA0000F	220	264	9	7,5			103	122				
PM0256AA0000F	256	---	7,5	---			120	---				
PM0251AA0000F	251	301,2	6	5		67 mm	60	72		A ² SV ³	1" BSPm ¹	Config.AA
PM0431AA0000F	431	517,2	4,5	3,5			103	122				
PM0503AA0000F	503	---	3,5	---			120	---				

PM series - AA configuration (AISI 316L) – 0,37 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves AA-AI-AP	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0128AA0060F	128	153,6	18	14,5	0.37	48 mm	60	72	20 mm	A ² SV ³	3/4" BSPm ¹	Config.AA
PM0220AA0060F	220	264	16	13			103	122				
PM0256AA0060F	256	---	13	---			120	---				
PM0251AA0060F	251	301,2	9	7,5		67 mm	60	72		A ² SV ³	1" BSPm ¹	Config.AA
PM0431AA0060F	431	517,2	7	5,5			103	122				
PM0503AA0060F	503	---	6	---			120	---				

PM series - AA configuration (AISI 316L) – 0,55 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves AA-AI-AP	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0251AA0070F	251	301,2	11	9,5	0.55	67 mm	60	72	20 mm	A ² SV ³	1" BSPm ¹	Config.AA
PM0431AA0070F	431	517,2	9	8			103	122				
PM0503AA0070F	503	---	8	---			120	---				
PM0513AA0070F	513	615,6	5,5	4		95 mm	60	72		A ² SV ³	1 ½" BSPm ¹	Config.AA
PM0838AA0070F	838	1005	4	3			103	122				Config.AA
PM1027AA0070F	1027	---	3	---			120	---				Config.AA

PM series - AA configuration (AISI 316L) – 0,75 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves AA-AI-AP	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0251AA0090F	251	301,2	19	17,5	0.75	67 mm	60	72	20 mm	A ² SV ³	1" BSPm ¹	Config.AA
PM0431AA0090F	431	517,2	16,5	14,5			103	122				
PM0503AA0090F	503	---	14,5	---			120	---				
PM0513AA0090F	513	615,6	12	10		95 mm	60	72		A ² SV ³	1 ½" BSPm ¹	Config.AA
PM0838AA0090F	838	1005	8	6,5			103	122				Config.AA
PM1027AA0090F	1027	---	6,5	---			120	---				Config.AA

A² = AISI 316 ball check (AA configuration) • S³ = single ball check • DV⁵ = double ball checks



PM series plunger actuated motor driven metering pump		
Liquid Ends	configuration BA	configuration SA
Pump head	PVC	PVDF
Ball check	CERAMIC	CERAMIC
Valve seat	PVC	PVDF
Valve o-rings	FPM	FPM
Piston	CERAMIC	CERAMIC
Piston gaskets	FPM	FPM

Configuration AI – BI (EPDM gaskets and seals) Configuration AP (FPM) Contact FWT US

PM series - BA configuration (PVC) – 0,25 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves BA - BI	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0052BA0000F	52	62,4	10	10	0.25	30 mm	60	72	20 mm	P ⁴ DV ⁵	1/2" BSPm ¹	Config.BA
PM0088BA0000F	88	105,6		103			122					
PM0103BA0000F	103	---		120			---					
PM0128BA0000F	128	153,6	10	9,5		48 mm	60	72		P ⁴ DV ⁵	3/4" BSPm ¹	Config.BA
PM0220BA0000F	220	264	9	7,5			103	122				
PM0256BA0000F	256	---	7,5	---			120	---				
PM0251BA0000F	251	301,2	6	5		67 mm	60	72		P ⁴ DV ⁵	1" BSPm ¹	Config.BA
PM0431BA0000F	431	517,2	4,5	3,5			103	122				
PM0503BA0000F	503	---	3,5	---			120	---				

PM series - BA configuration (PVC) – 0,37 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves BA - BI	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0128BA0060F	128	153,6	10	10	0.37	48 mm	60	72	20 mm	P ⁴ DV ⁵	3/4" BSPm ¹	Config.BA
PM0220BA0060F	220	264		103			122					
PM0256BA0060F	256	---		120			---					
PM0251BA0060F	251	301,2	10	9,5		67 mm	60	72		P ⁴ DV ⁵	1" BSPm ¹	Config.BA
PM0431BA0060F	431	517,2	9	7,5			103	122				
PM0503BA0060F	503	---	7,5	---			120	---				

PM series - BA configuration (PVC) – 0,55 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves BA - BI	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0251BA0070F	251	301,2	10	9,5	0.55	67 mm	60	72	20 mm	P ⁴ DV ⁵	1" BSPm ¹	Config.BA
PM0431BA0070F	431	517,2	9	8			103	122				
PM0503BA0070F	503	---	8	---			120	---				
PM0513BA0070F	513	615,6	5,5	4,5		95 mm	60	72		P ⁴ SV ³	1 ½" BSPm ¹	Config.BA
PM0838BA0070F	838	1005	4	3			103	122				Config.BA
PM1027BA0070F	1027	---	3	---			120	---				Config.BA

PM series - BA configuration (PVC) – 0,75 kW

Pump code	Flow l/h		Pressure		Power kW	Ø Piston	Strokes/min		Stroke length	Valves BA - BI	Connections	
	50Hz	60Hz	bar	60Hz			50Hz	60Hz				
PM0251BA0090F	251	301,2	10	10	0.55	67 mm	60	72	20 mm	P ⁴ DV ⁵	1" BSPm ¹	Config.BA
PM0431BA0090F	431	517,2		103			122					
PM0503BA0090F	503	---		120			---					
PM0513BA0090F	513	615,6	10	10,5		95 mm	60	72		P ⁴ SV ³	1 ½" BSPm ¹	Config.BA
PM0838BA0090F	838	1005	8	6			103	122				Config.BA
PM1027BA0090F	1027	---	6,5	---			120	---				Config.BA


BSPm¹=GAS male connections • P⁴=CERAMIC ball (BA/SA configurations) • S³=single ball check • DV⁵=double ball checks


Code configuration example: PM0513BA009 features PVC liquid ends, 0,75 kW motor, max flow 513 l/h against max 10 bar

MOTOR: MULTI FREQUENCY/VOLTAGE 230/400Vac,3 phase,50Hz•275-480V/3 phase 60 Hz • Class F, IP 55, ~1400 rpm

MOTOR EXTRA CONFIGURATIONS PISTON “PS” “PM” SERIES
SINGLE PHASE MOTOR 230V 50 Hz motor 0,18 kW
SINGLE PHASE MOTOR 230V 50 Hz motor 0,25 kW
SINGLE PHASE MOTOR 230V 50 Hz motor 0,37 kW
*EXPLOSION PROOF MOTOR 0,18kW ATEX EEx-d zone1 (GAS) IIBT4 IP65 4pole 3 phase
*EXPLOSION PROOF MOTOR 0,25kW ATEX EEx-d zone1 (GAS) IIBT4 IP65 4pole 3 phase
*EXPLOSION PROOF MOTOR 0,37kW ATEX EEx-d zone1 (GAS) IIBT4 IP65 4pole 3 phase
*EXPLOSION PROOF MOTOR 0,55kW ATEX EEx-d zone1 (GAS) IIBT4 IP65 4pole 3 phase
*EXPLOSION PROOF MOTOR 0,75kW ATEX EEx-d zone1 (GAS) IIBT4 IP65 4pole 3 phase
**EXPLOSION PROOF MOTOR 1 PHASE 0,18kW ATEX EEx-d zone1 GAS IIB T4 IP65
**EXPLOSION PROOF MOTOR 1 PHASE 0,25kW ATEX EEx-d zone1 GAS IIB T4 IP65
***EXPLOSION PROOF MOTOR 3 PHASE 0,18kW ATEX EEx-d zone1 GAS IP65 use inverter
***EXPLOSION PROOF MOTOR 3 PHASE 0,25kW ATEX EEx-d zone1 GAS IP65 use inverter
***EXPLOSION PROOF MOTOR 3 PHASE 0,37kW ATEX EEx-d zone1 GAS IP65 use inverter
***EXPLOSION PROOF MOTOR 3 PHASE 0,55kW ATEX EEx-d zone1 GAS IP65 use inverter
***EXPLOSION PROOF MOTOR 3 PHASE 0,75kW ATEX EEx-d zone1 GAS IP65 use inverter
SERVO-VENTILATED MOTOR 0,18 kW 3 phase - recommended to use with inverter
SERVO-VENTILATED MOTOR 0,25 kW 3 phase - recommended to use with inverter
SERVO-VENTILATED MOTOR 0,37 kW 3 phase - recommended to use with inverter
SERVO-VENTILATED MOTOR 0,55 kW 3 phase - recommended to use with inverter
SERVO-VENTILATED MOTOR 0,75 kW 3 phase - recommended to use with inverter
TROPICALIZATION
*MOTOR: MULTI FREQUENCY/VOLTAGE 230/400Vac,3 phase,50Hz • 460V/3 phase 60 Hz ~1400 rpm
**MOTOR: 230Vac, 1 PHASE,50Hz~1400 rpm
***MOTOR: 230/400Vac,3 phase,50Hz ATEX EEx-d 2G (zone1) IIBT4IP65 ~1400 rpm

PUMPS SUPPLIED WITHOUT MOTORS PISTON SERIES option
Pump supplied WITHOUT motor 0,18 (check motor flanges on page 39)
Pump supplied WITHOUT motor 0,25 (check motor flanges on page 39)
Pump supplied WITHOUT motor 0,37 (check motor flanges on page 39)
Pump supplied WITHOUT motor 0,55 (check motor flanges on page 39)
Pump supplied WITHOUT motor 0,75 (check motor flanges on page 39)




SERVOMOTOR 4÷20mA or 0÷10Vdc for flow automatic control (only PS and PM series)


INVERTER 4÷20mA – PANEL RACK MOUNTING – IP20		List price
	Description	
	INVERTER 230V-50Hz IN 1 phase 0,4kW - motors 0,18 / 0,25 / 0.37kW - OUT 3 phase	
	INVERTER 230V-50Hz IN 1 phase - for motor 0,75 kW - OUT 3 phase	
	We strongly recommend the use of servo-ventilated motor with inverter applications.	

AVAILABLE UPON REQUEST:

- **PULSATION DAMPERS;**
- **SAFETY VALVES;**
- **RELIEF AND BACK PRESSURE VALVES**

FOOT VALVES – STRAINERS

				
FOOT VALVE/FILTER PP		FOOT VALVE/FILTER PP PVC		FOOT VALVE AISI
Part no.	Max flow	Connections	Configuration	Liquid Ends
SFT0030002	125 l/h	Ø 10 mm	BA (PVC)	PP/PE with strainer / o-ring and LIP valve FPM
SVA1000102	125 l/h	1/2" BSPm	AA (AISI 316L)	AISI 316L + oring EPDM / without strainer
AVA1000101	125 l/h	1/2" BSPm	BA (PVC)	PVC + oring FPM / with strainer
SVA1000202	260 l/h	3/4" BSPm	AA (AISI 316L)	AISI 316L + oring EPDM / without strainer
AVA1000201	260 l/h	3/4" BSPm	BA (PVC)	PVC + oring FPM / with strainer
SVA1000302	510 l/h	1" BSPm	AA (AISI 316L)	AISI 316L + oring EPDM / without strainer
AVA1000301	510 l/h	1" BSPm	BA (PVC)	PVC + oring FPM / with strainer
SVA1000402	1050 l/h	1 1/2" BSPm	AA (AISI 316L)	AISI 316L + oring EPDM / without strainer
AVA1000401	1050 l/h	1 1/2" BSPm	BA (PVC)	PVC + oring FPM / with strainer

**INJECTION VALVES**

Part no.	Max flow	Connections	Configuration	Liquid Ends
SVA0030002	125 l/h	Ø 10 mm	BA (PVC)	PP/PVC o-ring and LIP valve FPM
SVA0001504	103 l/h	1/2" BSPm	BA (PVC)	PVC / oring FPM
SVA0001501	103 l/h	1/2" BSPm	AA (AISI 316L)	AISI 316L / oring FPM
SVA0001604	256 l/h	3/4" BSPm	BA (PVC)	PVC / oring FPM
SVA0001601	256 l/h	3/4" BSPm	AA (AISI 316L)	AISI 316L / oring FPM
1166036	400 l/h	3/4" BSPm	BA (PVC)	PVC
1166035	400 l/h	3/4" BSPm	AA (AISI 316L)	AISI 316L
1166117	1000 l/h	1" BSPm	BA (PVC)	PVC
AVA0020002**	256 l/h	1/2" BSPm	AA (AISI 316L)	AISI 316L+ spring / oring EPDM
AVA0020102**	504 l/h	3/4" BSPm	AA (AISI 316L)	AISI 316L+ spring / oring EPDM
AVA0020202**	1027 l/h	1" BSPm	AA (AISI 316L)	AISI 316L+ spring / oring EPDM

(*) Available seals EPDM, NBR / (**) Pring loaded injection valve AISI 316

ACCESSORY KIT UPON REQUEST



Part no.	Description
SCO0000101	Installation kit for pumps PP/PVC 1/2" valve connection, with gearbox oil spare bottle Comprised of: 8m 10x14 polyethylene hose; 2m 10x14 PVC hose; 2 of nipples with hose nuts; 2 of PVC female/female 1/2" coupling; PP filter and FPM injection valve; Max 5 bar
SCO0000103	Installation kit for pumps AISI 1/2" valve connection, with gearbox oil spare bottle Comprised of: 8m 10x14 polyethylene hose; 2m 10x14 PVC hose; 2 of nipples with hose nuts; 2 of PVC female/female 1/2" coupling; PP filter and FPM injection valve; Max 5 bar
KCO0000101	Kit reduction fittings 3/4"GF-1/2"GM PP/PVC
SCO0001401	Installation kit* for pumps with 3/4" valve connection Comprised of: 4 of nipples PP with seal and hose nut; 1 of foot valve PVC-FPM; 1 of injection valve PVC-FPM; gearbox oil spare bottle; Max 5 bar(*)
SCO0001501	Installation kit* for pumps with 1" valve connection Comprised of: 2 of nipples PP with seal and nut for hoses Ø25mm; 1 of foot valve PVC-FPM; 1 of injection valve PVC-FPM; gearbox oil spare bottle; Max 5 bar(*)

(*) hose clamps not included

PLEASE NOTE: for of motor dosing pumps spare parts inquiry, please refer to the following parameters when inquiring: Pump series: MD, PS, PM; Configuration liquid ends: AA or CA or BA or VT or SA; Part n°, piston or diaphragm diameter, Valves, connection size.