

# PRIUS D MF 50/60 Hz 1-PHASE

*Multifunction electronic control*

## MOTOR

0,37 kW: 3-phase 230 V 1370 rpm

**PRIUS D MF 50/60 Hz with SINGLE-PHASE supply** has: 10 working modes (constant, ppm, %, mlq, pause-work, weekly, pulse, mA, Volt and Batch), level control, alarms, stand-by, double position of the electronic unit (standard or alternative gear box mounting), PTFE diaphragm, aluminium enclosure, spring return mechanism, manual degassing valve (PVDF and PP pump heads), flow regulation, double ball check valve and liquid ends available in different sizes and materials. PVDF, Stainless Steel or PP pump heads available.

Multifunction motor pump PRIUS D MF 50/60 Hz SINGLE-PHASE brings, moreover, a unique level of management thanks to LCD display and encoder electronic controller that ensure the highest accuracy in dosage setting.

**OPTIONS:** MODBUS, IP65 Motor.

ALTERNATIVE GEAR BOX POSITION

DEFAULT GEAR BOX POSITION



### FEATURES

- Multifunction motor pump with inverter
- Working mode: Constant, ppm, %, mlq, pause-work, weekly, mA, Volt and Batch
- Level control
- Alarms
- Stand-by
- Double position of the electronic unit (default or alternative gear box position)
- PTFE diaphragm
- Aluminium enclosure
- Spring return mechanism
- Manual degassing valve (PVDF and PP pump heads)
- Stroke adjustment
- Liquid ends available in different sizes and materials
- Double ball check valve

### PUMP HEADS



PVDF



PP



AISI 316L

pump head mod.	stroke LENGTH	50/60Hz	SPM	Pressure		Capacity		Motor	HOSES CONNECTION		
				bar	psi	l/h	gph		PVDF	SS	PP
NM	3 mm	010060	175	10	145	60	15,8	0,37 kW	1/2" 13 mm	R1/2" G1/2"	1/2" 13 mm
		010030	94			30	7,9				
		010024	70			24	6,3				
		010012	35			12	3,2				
	4 mm	010016	35	10	145	16	4,2	0,37 kW	1/2" 13 mm	R1/2" G1/2"	1/2" 13 mm
TM	3 mm	010105	175	10	145	105	27,7	0,37 kW	3/4" 13 mm	R3/4" G3/4"	3/4" 13 mm
		010056	94			56	14,8				
		010042	70			42	11,1				
		010021	35			21	5,5				
	4 mm	007160	175	7	101,5	160	42,3	0,37 kW	3/4" 13 mm	R3/4" G3/4"	3/4" 13 mm
		007086	94			86	22,7				
		007064	70			64	16,9				
		007032	35			32	8,5				
	6 mm	005240	175	5	72,5	240	63,4	0,37 kW	3/4" 18 mm	R3/4" G3/4"	3/4" 18 mm
		005128	94			128	33,8				
		005096	70			96	25,4				
		005048	35			48	12,7				
UM	4 mm	005350	175	5	72,5	350	92,4	0,37 kW	G1-1/2" 30 mm	R1"	G1-1/2" 30 mm
		005188	94			188	49,7				
		005140	70			140	37				
		005070	35			70	18,5				
	5 mm	005440	175	5	72,5	440	116,2	0,37 kW	G1-1/2" 30 mm	R1"	G1-1/2" 30 mm
		005236	94			236	62,3				
		005176	70			176	46,5				
		005176	35			88	23,2				
	6 mm	005530	175	5	72,5	530	140	0,37 kW	G1-1/2" 30 mm	R1"	G1-1/2" 30 mm
		005284	94			284	75				
		005212	70			212	56				
		005106	35			106	28				
10 mm	002M00	175	2	29	1000	264,2	0,37 kW	G1-1/2" 30 mm (i.d.)	R1"	G1-1/2" 30 mm	
	004520	94	4	58	520	137,4					
	005390	70	5	72,5	390	103					
	005180	35			180	47,6					
8 mm	003750	175	3	43,5	750	198	0,37 kW	G1-1/2" 30 mm (i.d.)	R1"	G1-1/2" 30 mm	
	005380	94	5	72,5	380	100					
	005290	70			290	76,6					
	005140	35			140	37					

# PRIUS D MF AP HIGH PRESSURE 50 Hz 1-PHASE

*Multifunction electronic control*

## MOTOR

0,37 kW: 3-phase 230 V 1370 rpm

**PRIUS D MF for HIGH PRESSURE** with SINGLE-PHASE supply has: 10 working modes (constant, ppm, %, mlq, pause-work, weekly, pulse, mA, Volt and Batch), level control, alarms, stand-by, double position of the electronic unit (standard or rotated mounting), PTFE diaphragm, **SS pump head**, aluminium enclosure, spring return mechanism, flow regulation and double ball check valve.

Multifunction motor pump PRIUS D MF HIGH PRESSURE SINGLE-PHASE brings, moreover, a unique level of management thanks to LCD display and encoder electronic controller that ensure the highest accuracy in dosage setting.

**OPTIONS:** MODBUS.

ALTERNATIVE GEAR BOX POSITION



DEFAULT GEAR BOX POSITION



## FEATURES

- Multifunction motor driven high pressure pump with inverter
- Working mode: Constant, ppm, %, mlq, pause-work, weekly, mA, Volt and Batch
- Level control
- Alarms
- Stand-by
- Double position of the electronic unit (default or alternative gear box position)
- PTFE diaphragm
- Aluminium enclosure
- Spring return mechanism
- Stroke adjustment
- Double ball check valve

pump head mod.	stroke LENGTH	50Hz	SPM	Pressure		Capacity		Motor	HOSES CONNECTION
				bar	psi	l/h	gph		SS
L1	1.5 mm	100004	175	100	1450,4	4	1,1	0,37 kW	R3/8"
		100002	94			2	0,5		
		1001,5	70			1,5	0,4		
M1	2 mm	050017	175	50	870,2	17	4,5	0,37 kW	R1/2"
		050009	94			9	2,4		
		050005	70			5	1,3		
		05002,5	35			2,5	0,7		
N	2 mm	030028	175	30	435,1	28	7,4	0,37 kW	R1/2"
		030015	94			15	4		
		030010	70			10	2,6		
		030005	35			5	1,3		
S	4 mm	030076	175	30	435,1	76	20,1	0,37 kW	R1/2"
		030041	94			41	10,8		
		030030	70			30	7,9		
		030015	35			15	4		
T	6 mm	020170	175	20	290,1	170	44,9	0,37 kW	R3/4"
		020091	94			91	24		
		020068	70			68	18		
		020034	35			34	9		

## PUMP HEADS



AISI 316L