Series\PRIUS D 50 Hz

Diaphragm motor-driven dosing pumps

PRIUS series of motor-driven dosing pumps have been entirely designed and manufactured by EMEC to meet higher level requirements.
PRIUS D 50 Hz pumps with constant dosing are equipped with PTFE diaphragm and are also available in the AP version for high pressures and with three-phase or single-phase (Mono) motor.
ATEX certified models are allowed to be used in potentially explosive atmospheres.

R2-10-20

PERFORMANCE

1000 l/h

100 bar

POWER SUPPLY

380 VAC

220 VAC

115 VAC

VENTING

MANUAL

SELF

ATA S.r.l.

Impianti di dosaggio
Trattamento acque
Automazione
Pompe dosatrici per prodotti chimici
Fertirrigazione

FEATURES

- Horizontal mounting
- Aluminium enclosure
- Spring return mechanism
- Double ball check valve (where available)
- Manual stroke length adjustment
- Flow rate adjustment from 0 to 100% with manual adjustment on the knob
- Liquid ends available in different sizes and materials
- Tropicalized motor
- Available with ATEX certification

INSTALLATION

- Kit installation A included
- Kits installation B and C sold separately
- The pump with pump head in AISI316L does not have accessories for installation

PUMP HEADS

PVDF

PP

AISI316

ATA S.r.l.

Impianti di dosaggio
Trattamento acque
Automazione
Pompe dosatrici per prodotti chimici
Fertirrigazione

Series\PRIUS D 50 Hz

Diaphragm motor-driven dosing pumps

PRIUS D 50 Hz

Diaphragm pump with constant dosing

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220/380 V 3-phase
0,18 kW 220/380 V 3-phase
0,55 kW 220/380 V 3-phase

PRIUS D 50 Hz Mono

Diaphragm pump with constant dosing and single-phase motor

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- Single-phase motor

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220 V single-phase
0,55 kW 220 V single-phase

PRIUS D 50Hz AP

Diaphragm pump with constant dosing for high pressure

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- For high pressure

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220/380 V 3-phase

PRIUS D 50Hz AP Mono

Diaphragm pump for high pressure with single-phase motor

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- For high pressure
- Single-phase motor

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220 V single-phase
0,55 kW 220 V single-phase

ATEX - Category 2

Category 2		
Installation areas liable to be endangered by explosive atmospheres.	Pumps intended for use in areas in which explosive atmospheres are likely to occur.	
	G (gas)	D (dust)
1999/92/EC	Zone 1	Zone 21

- Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.
- Stainless steel liquid ends AISI 316 (L).

ATEX - Category 3

Category 3		
Installation areas liable to be endangered by explosive atmospheres.	Pumps intended for use in areas in which explosive atmospheres only rarely occur.	
	G (gas)	D (dust)
1999/92/EC	Zone 2	Zone 22

- Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.
- Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.

PRIUS D DIAPHRAGM 50Hz

1 | code						pump head |	PVDF	AISI 316L		PP	Kit instal-lation
PD00												
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction		7 | motor	hoses connection	hoses connection	4 | S	hoses connection	
10	60	NM	3	175	1	8:1	T	0,18 kW	G 1/2" 13 mm (i.d.)	R 1/2"		G 1/2" 13 mm (i.d.)	A
10	30	NM	3	94	2	15:1	1	0,18 kW	G 1/2" 13 mm (i.d.)	R 1/2"		G 1/2" 13 mm (i.d.)	A
10	24	NM	3	70	4	20:1	1	0,18 kW	G 1/2" 13 mm (i.d.)	R 1/2"		G 1/2" 13 mm (i.d.)	A
10	12	NM	3	35	5	40:1	1	0,18 kW	G 1/2" 13 mm (i.d.)	R 1/2"		G 1/2" 13 mm (i.d.)	A
10	16	NM	4	35	5	40:1	1	0,18 kW	G 1/2" 13 mm (i.d.)	R 1/2"		G 1/2" 13 mm (i.d.)	A
10	105	TM	3	175	1	8:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
10	56	TM	3	94	2	15:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
10	42	TM	3	70	4	20:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
10	21	TM	3	35	5	40:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
7	160	TM	4	175	1	8:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
7	86	TM	4	94	2	15:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
7	64	TM	4	70	4	20:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
7	32	TM	4	35	5	40:1	2	0,37 kW	G 3/4" 13 mm (i.d.)	R 3/4"		G 3/4" 13 mm (i.d.)	A
5	240	TM	6	175	1	8:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	R 3/4"		G 3/4" 18 mm (i.d.)	B
5	128	TM	6	94	2	15:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	R 3/4"		G 3/4" 18 mm (i.d.)	B
5	96	TM	6	70	4	20:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	R 3/4"		G 3/4" 18 mm (i.d.)	B
5	48	TM	6	35	5	40:1	2	0,37 kW	G 3/4" 18 mm (i.d.)	R 3/4"		G 3/4" 18 mm (i.d.)	B
2	1000	UMS	10	175	1	8:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	1000	UMS	10	175	1	8:1	L	0,55 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	520	UMS	10	94	2	15:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
4	520	UMS	10	94	2	15:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	390	UMS	10	70	4	20:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	180	UMS	10	35	5	40:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	350	UMS	4	175	1	8:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	188	UMS	4	94	2	15:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	140	UMS	4	70	4	20:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	70	UMS	4	35	5	40:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	440	UMS	5	175	1	8:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	236	UMS	5	94	2	15:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	176	UMS	5	70	4	20:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	88	UMS	5	35	5	40:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	530	UMS	6	175	1	8:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	284	UMS	6	94	2	15:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	212	UMS	6	70	4	20:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	106	UMS	6	35	5	40:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
3	750	UMS	8	175	1	8:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	750	UMS	8	175	1	8:1	L	0,55 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	380	UMS	8	94	2	15:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	290	UMS	8	70	4	20:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C
5	141	UMS	8	35	5	40:1	2	0,37 kW	G 1 1/2" 30 mm (i.d.)	R 1"		G 1 1/2" 30 mm (i.d.)	C

PRIUS D DIAPHRAGM 50Hz SINGLE-PHASE

1 | code						pump head |	PVDF	AISI 316L	PP	
PD00											
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	7 | motor		hoses connection	hoses connection	hoses connection	Kit installation
10	60	NM	3	175	1 8:1	6 0,37 kW		G 1/2" 13 mm (i.d.)	R 1/2"	G 1/2" 13 mm (i.d.)	A
10	30	NM	3	94	2 15:1	6 0,37 kW		G 1/2" 13 mm (i.d.)	R 1/2"	G 1/2" 13 mm (i.d.)	A
10	24	NM	3	70	4 20:1	6 0,37 kW		G 1/2" 13 mm (i.d.)	R 1/2"	G 1/2" 13 mm (i.d.)	A
10	12	NM	3	35	5 40:1	6 0,37 kW		G 1/2" 13 mm (i.d.)	R 1/2"	G 1/2" 13 mm (i.d.)	A
10	105	TM	3	175	1 8:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
10	56	TM	3	94	2 15:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
10	42	TM	3	70	4 20:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
10	21	TM	3	35	5 40:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
7	160	TM	4	175	1 8:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
7	86	TM	4	94	2 15:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
7	64	TM	4	70	4 20:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
7	32	TM	4	35	5 40:1	6 0,37 kW		G 3/4" 13 mm (i.d.)	R 3/4"	G 3/4" 13 mm (i.d.)	A
5	240	TM	6	175	1 8:1	6 0,37 kW		G 3/4" 18 mm (i.d.)	R 3/4"	G 3/4" 18 mm (i.d.)	B
5	128	TM	6	94	2 15:1	6 0,37 kW		G 3/4" 18 mm (i.d.)	R 3/4"	G 3/4" 18 mm (i.d.)	B
5	96	TM	6	70	4 20:1	6 0,37 kW		G 3/4" 18 mm (i.d.)	R 3/4"	G 3/4" 18 mm (i.d.)	B
5	48	TM	6	35	5 40:1	6 0,37 kW		G 3/4" 18 mm (i.d.)	R 3/4"	G 3/4" 18 mm (i.d.)	B
5	350	UMS	4	175	1 8:1	8 0,55 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	188	UMS	4	94	2 15:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	140	UMS	4	70	4 20:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	70	UMS	4	35	5 40:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	440	UMS	5	175	1 8:1	8 0,55 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	236	UMS	5	94	2 15:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	176	UMS	5	70	4 20:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	88	UMS	5	35	5 40:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	530	UMS	6	175	1 8:1	8 0,55 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	284	UMS	6	94	2 15:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	212	UMS	6	70	4 20:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C
5	106	UMS	6	35	5 40:1	6 0,37 kW		G 1 1/2" 30 mm (i.d.)	R 1"	G 1 1/2" 30 mm (i.d.)	C

PRIUS D DIAPHRAGM 50Hz HIGH PRESSURE

1 | code							pump head |	AISI 316L		PVDF	
PD00											
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction		7 | motor	hoses connection		hoses connection	4 | K
100	4	LM AP	1.5	175	1	8:1	2 0,37 kW	R 3/8"		-	/
100	2	LM AP	1.5	94	2	15:1	2 0,37 kW	R 3/8"		-	/
100	1,5	LM AP	1.5	70	4	20:1	2 0,37 kW	R 3/8"		-	/
50	17	MM AP	2	175	1	8:1	2 0,37 kW	R 1/2"		-	/
50	9	MM AP	2	94	2	15:1	2 0,37 kW	R 1/2"		-	/
50	5	MM AP	2	70	4	20:1	2 0,37 kW	R 1/2"		-	/
50	2,5	MM AP	2	35	5	40:1	2 0,37 kW	R 1/2"		-	/
30	28	NM AP	2	175	1	8:1	2 0,37 kW	R 1/2"		-	/
30	14	NM AP	2	94	2	15:1	2 0,37 kW	R 1/2"		-	/
30	10	NM AP	2	70	4	20:1	2 0,37 kW	R 1/2"		-	/
30	5	NM AP	2	35	5	40:1	2 0,37 kW	R 1/2"		-	/
30	76	SM AP	4	175	1	8:1	2 0,37 kW	R 1/2"		-	/
30	41	SM AP	4	94	2	15:1	2 0,37 kW	R 1/2"		-	/
30	30	SM AP	4	70	4	20:1	2 0,37 kW	R 1/2"		-	/
30	15	SM AP	4	35	5	40:1	2 0,37 kW	R 1/2"		-	/
20	170	TM AP	6	175	1	8:1	2 0,37 kW	R 3/4"		-	/
20	91	TM AP	6	94	2	15:1	2 0,37 kW	R 3/4"		-	/
20	68	TM AP	6	70	4	20:1	2 0,37 kW	R 3/4"		-	/
20	34	TM AP	6	35	5	40:1	2 0,37 kW	R 3/4"		-	/
20	30	NM AP	2	175	1	8:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	
20	16	NM AP	2	94	2	15:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	
20	12	NM AP	2	70	4	20:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	
20	6	NM AP	2	35	5	40:1	2 0,37 kW	R 3/4"	-	8x10 (PVDF) / 8x12 (PVC)	

PRIUS D DIAPHRAGM 50Hz SINGLE-PHASE HIGH PRESSURE

1 | code							pump head |	AISI 316L
PD00								
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction		7 | motor	hoses connection
100	4	LM AP	1.5	175	1	8:1	6 0,37 kW	R 3/8"
100	2	LM AP	1.5	94	2	15:1	6 0,37 kW	R 3/8"
100	1,5	LM AP	1.5	70	4	20:1	6 0,37 kW	R 3/8"
50	17	MM AP	2	175	1	8:1	6 0,37 kW	R 1/2"
50	9	MM AP	2	94	2	15:1	6 0,37 kW	R 1/2"
50	5	MM AP	2	70	4	20:1	6 0,37 kW	R 1/2"
50	2,5	MM AP	2	35	5	40:1	6 0,37 kW	R 1/2"
30	28	NM AP	2	175	1	8:1	6 0,37 kW	R 1/2"
30	14	NM AP	2	94	2	15:1	6 0,37 kW	R 1/2"
30	10	NM AP	2	70	4	20:1	6 0,37 kW	R 1/2"
30	5	NM AP	2	35	5	40:1	6 0,37 kW	R 1/2"
30	76	SM AP	4	175	1	8:1	6 0,37 kW	R 1/2"
30	41	SM AP	4	94	2	15:1	6 0,37 kW	R 1/2"
30	30	SM AP	4	70	4	20:1	6 0,37 kW	R 1/2"
30	15	SM AP	4	35	5	40:1	6 0,37 kW	R 1/2"
20	170	TM AP	6	175	1	8:1	8 0,55 kW	R 3/4"
20	91	TM AP	6	94	2	15:1	8 0,55 kW	R 3/4"
20	68	TM AP	6	70	4	20:1	6 0,37 kW	R 3/4"
20	34	TM AP	6	35	5	40:1	6 0,37 kW	R 3/4"

PRIUS D DIAPHRAGM 50Hz ATEX 2G/2D

1 | code						pump head |	II 2G Ex h IIC T3 Gb AISI 316L		II 2 D Ex h IIIC T120°C Db AISI 316L	
PD00											
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	hoses connection	7 | motor			7 | motor	4 | S
10	6	NM	1.5	35	5 40:1	R 1/2"	A	0,25 kW		B 0,25 kW	
10	60	NM	3	175	1 8:1	R 1/2"	A	0,25 kW		B 0,25 kW	
10	30	NM	3	94	2 15:1	R 1/2"	A	0,25 kW		B 0,25 kW	
10	24	NM	3	70	4 20:1	R 1/2"	A	0,25 kW		B 0,25 kW	
10	12	NM	3	35	5 40:1	R 1/2"	A	0,25 kW		B 0,25 kW	
10	16	NM	4	35	5 40:1	R 1/2"	A	0,25 kW		B 0,25 kW	
10	105	TM	3	175	1 8:1	R 3/4"	C	0,37 kW		D 0,37 kW	
10	56	TM	3	94	2 15:1	R 3/4"	C	0,37 kW		D 0,37 kW	
10	42	TM	3	70	4 20:1	R 3/4"	C	0,37 kW		D 0,37 kW	
10	21	TM	3	35	5 40:1	R 3/4"	C	0,37 kW		D 0,37 kW	
7	160	TM	4	175	1 8:1	R 3/4"	C	0,37 kW		D 0,37 kW	
7	86	TM	4	94	2 15:1	R 3/4"	C	0,37 kW		D 0,37 kW	
7	64	TM	4	70	4 20:1	R 3/4"	C	0,37 kW		D 0,37 kW	
7	32	TM	4	35	5 40:1	R 3/4"	C	0,37 kW		D 0,37 kW	
5	240	TM	6	175	1 8:1	R 3/4"	C	0,37 kW		D 0,37 kW	
5	128	TM	6	94	2 15:1	R 3/4"	C	0,37 kW		D 0,37 kW	
5	96	TM	6	70	4 20:1	R 3/4"	C	0,37 kW		D 0,37 kW	
5	48	TM	6	35	5 40:1	R 3/4"	C	0,37 kW		D 0,37 kW	

PRIUS D DIAPHRAGM 50Hz ATEX 3G/3D

1 | code
PD00

2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	pump head | 7 | motor	II 3G Ex h IIC T3 Gc PVDF 4 | K	AISI316L 4 | S	PP 4 | P	pump head | 7 | motor	II 3 D Ex h IIIC T120°C Dc PVDF 4 | K	AISI316L 4 | S	PP 4 | P	Kit installation
10	60	NM	3	175	1 8:1	A 0,18 kW		/		B 0,25 kW		/		A
10	30	NM	3	94	2 15:1	A 0,18 kW		/		B 0,25 kW		/		A
10	24	NM	3	70	4 20:1	A 0,18 kW		/		B 0,25 kW		/		A
10	12	NM	3	35	5 40:1	A 0,18 kW		/		B 0,25 kW		/		A
10	16	NM	4	35	5 40:1	A 0,18 kW		/		B 0,25 kW		/		A
10	105	TM	3	175	1 8:1	C 0,37 kW		/		D 0,37 kW		/		A
10	56	TM	3	94	2 15:1	C 0,37 kW		/		D 0,37 kW		/		A
10	42	TM	3	70	4 20:1	C 0,37 kW		/		D 0,37 kW		/		A
10	21	NM	3	35	5 40:1	C 0,37 kW		/		D 0,37 kW		/		A
7	160	TM	4	175	1 8:1	C 0,37 kW		/		D 0,37 kW		/		A
7	86	TM	4	94	2 15:1	C 0,37 kW		/		D 0,37 kW		/		A
7	64	TM	4	70	4 20:1	C 0,37 kW		/		D 0,37 kW		/		A
7	32	TM	4	35	5 40:1	C 0,37 kW		/		D 0,37 kW		/		A
5	240	TM	6	175	1 8:1	C 0,37 kW		/		D 0,37 kW		/		B
5	128	TM	6	94	2 15:1	C 0,37 kW		/		D 0,37 kW		/		B
5	96	TM	6	70	4 20:1	C 0,37 kW		/		D 0,37 kW		/		B
5	48	TM	6	35	5 40:1	C 0,37 kW		/		D 0,37 kW		/		B
5	1000	UMS	10	175	1 8:1	C 0,55 kW				B 0,25 kW				C
2	1000	UMS	10	175	1 8:1	C 0,37 kW				D 0,37 kW				C
5	520	UMS	10	94	2 15:1	C 0,37 kW				D 0,37 kW				C
4	520	UMS	10	94	2 15:1	C 0,37 kW				D 0,37 kW				C
5	390	UMS	10	70	4 20:1	C 0,37 kW				D 0,37 kW				C
5	180	UMS	10	35	5 40:1	C 0,37 kW				D 0,37 kW				C
5	350	UMS	4	175	1 8:1	C 0,37 kW				D 0,37 kW				C
5	188	UMS	4	94	2 15:1	C 0,37 kW				D 0,37 kW				C
5	140	UMS	4	70	4 20:1	C 0,37 kW				D 0,37 kW				C
5	70	UMS	4	35	5 40:1	C 0,37 kW				D 0,37 kW				C
5	440	UMS	5	175	1 8:1	C 0,37 kW				D 0,37 kW				C
5	236	UMS	5	94	2 15:1	C 0,37 kW				D 0,37 kW				C
5	176	UMS	5	70	4 20:1	C 0,37 kW				D 0,37 kW				C
5	88	UMS	5	35	5 40:1	C 0,37 kW				D 0,37 kW				C
5	530	UMS	6	175	1 8:1	C 0,37 kW				D 0,37 kW				C
5	284	UMS	6	94	2 15:1	C 0,37 kW				D 0,37 kW				C
5	212	UMS	6	70	4 20:1	C 0,37 kW				D 0,37 kW				C
5	106	UMS	6	35	5 40:1	C 0,37 kW				D 0,37 kW				C
5	750	UMS	8	175	1 8:1	C 0,55 kW				B 0,25 kW				C
3	750	UMS	8	175	1 8:1	C 0,37 kW				D 0,37 kW				C
5	380	UMS	8	94	2 15:1	C 0,37 kW				D 0,37 kW				C
5	290	UMS	8	70	4 20:1	C 0,37 kW				D 0,37 kW				C
5	141	UMS	8	35	5 40:1	C 0,37 kW				D 0,37 kW				C

PRIUS D DIAPHRAGM HIGH PRESSURE 50Hz ATEX 2G/2D

1 | code
PD00

2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	hoses connection	7 | motor	pump head | II 2G Ex h IIC T3 Gb AISI316L 4 | S	AISI316L
100	4	LM AP	1.5	175	1 8:1	R 3/8"	C 0,37 kW		
100	2	LM AP	1.5	94	2 15:1	R 3/8"	C 0,37 kW		
100	1,5	LM AP	1.5	70	4 20:1	R 3/8"	C 0,37 kW		
50	17	MM AP	2	35	5 40:1	R 1/2"	C 0,37 kW		
50	9	MM AP	2	94	2 15:1	R 1/2"	C 0,37 kW		
50	5	MM AP	2	70	4 20:1	R 1/2"	C 0,37 kW		
50	2,5	MM AP	2	35	5 40:1	R 1/2"	C 0,37 kW		
30	28	NM AP	2	175	1 8:1	R 1/2"	C 0,37 kW		
30	15	NM AP	2	94	2 15:1	R 1/2"	C 0,37 kW		
30	10	NM AP	2	70	4 20:1	R 1/2"	C 0,37 kW		
30	5	NM AP	2	35	5 40:1	R 1/2"	C 0,37 kW		
30	76	SM AP	4	175	1 8:1	R 1/2"	C 0,37 kW		
30	41	SM AP	4	94	2 15:1	R 1/2"	C 0,37 kW		
30	30	SM AP	4	70	4 20:1	R 1/2"	C 0,37 kW		
30	14	SM AP	4	35	5 40:1	R 1/2"	C 0,37 kW		
20	170	TM AP	6	175	1 8:1	R 3/4"	C 0,37 kW		
20	91	TM AP	6	94	2 15:1	R 3/4"	C 0,37 kW		
20	68	TM AP	6	70	4 20:1	R 3/4"	C 0,37 kW		
20	34	TM AP	6	35	5 40:1	R 3/4"	C 0,37 kW		

Series\PRIUS D 60 Hz

Diaphragm motor-driven dosing pumps

PRIUS series of motor-driven dosing pumps have been entirely designed and manufactured by EMEC to meet higher level requirements. PRIUS D 60 Hz pumps with constant dosing are equipped with PTFE diaphragm and are also available in the AP version for high pressures and with three-phase or single-phase (Mono) motor.
ATEX certified models are allowed to be used in potentially explosive atmospheres.

PERFORMANCE

950 l/h

100 bar

POWER SUPPLY

380 VAC

220 VAC

115 VAC

VENTING

MANUAL

SELF

ATA S.r.l.

Impianti di dosaggio
Trattamento acque
Automazione
Pompe dosatrici per prodotti chimici
Fertirrigazione

FEATURES

- Horizontal mounting
- Aluminium enclosure
- Spring return mechanism
- Double ball check valve (where available)
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- Tropicalized motor
- Available with ATEX certification

INSTALLATION

- Kit installation A included
- Kits installation B and C sold separately
- The pump with pump head in AISI316L does not have accessories for installation

PUMP HEADS

PVDF

PP

AISI316

ATA S.r.l.

IMPIANTI DI DOSAGGIO
TRATTAMENTO ACQUE
AUTOMAZIONE
POMPE DOSATRICI PER PRODOTTI CHIMICI
FERTIRRIGAZIONE

Series\PRIUS D 60 Hz

Diaphragm motor-driven dosing pumps

PRIUS D 60 Hz

Diaphragm pump with constant dosing

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220/380 V 3-phase
0,18 kW 220/380 V 3-phase
0,55 kW 220/380 V 3-phase

PRIUS D 60 Hz Mono

Diaphragm pump with constant dosing and single-phase motor

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- Single-phase motor

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220 V single-phase
0,55 kW 220 V single-phase

PRIUS D 60Hz AP

Diaphragm pump with constant dosing for high pressure

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- For high pressure

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220/380 V 3-phase

PRIUS D 60Hz AP Mono

Diaphragm pump for high pressure with single-phase motor

FEATURES

- PTFE diaphragm
- Manual stroke length adjustment
- Liquid ends available in different sizes and materials
- For high pressure
- Single-phase motor

FUNCTIONS

- Constant dosing

MOTORS

0,37 kW 220 V single-phase
0,55 kW 220 V single-phase

ATEX - Category 2

Category 2		
Installation areas liable to be endangered by explosive atmospheres.	Pumps intended for use in areas in which explosive atmospheres are likely to occur.	
	G (gas)	D (dust)
1999/92/EC	Zone 1	Zone 21

- **Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.**
- **Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.**
- **Stainless steel liquid ends (AISI 316).**

ATEX - Category 3

Category 3		
Installation areas liable to be endangered by explosive atmospheres.	Pumps intended for use in areas in which explosive atmospheres only rarely occur.	
	G (gas)	D (dust)
1999/92/EC	Zone 2	Zone 22

- **Explosive atmospheres consists of air and combustible matter, such as gases, vapours, mists or dusts in which the explosion spreads after ignition.**
- **Atex pumps are designed in accordance with ATEX directive 2014/34/EU and can be used in areas (zones) classified according to ATEX directive 1999/92/CE.**

PRIUS D DIAPHRAGM 60Hz

1 | code PD00						pump head |	PVDF		AISI 316L		PP		Kit instal-lation
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	7 | motor	hoses connection	4 | K	hoses connection	4 | S	hoses connection	4 | P	
10	55	NM	3	175	3 10:1	3 0,18 kW	G 1/2" 13 mm (i.d.)		R 1/2"		G 1/2" 13 mm (i.d.)		A
10	27	NM	3	87	4 20:1	3 0,18 kW	G 1/2" 13 mm (i.d.)		R 1/2"		G 1/2" 13 mm (i.d.)		A
10	14	NM	3	44	5 40:1	3 0,18 kW	G 1/2" 13 mm (i.d.)		R 1/2"		G 1/2" 13 mm (i.d.)		A
10	100	TM	3	175	3 10:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
10	50	TM	3	87	4 20:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
10	25	TM	3	44	5 40:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
7	150	TM	4	175	3 10:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
7	75	TM	4	87	4 20:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
7	37	TM	4	44	5 40:1	4 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
5	230	TM	6	175	3 10:1	4 0,37 kW	G 3/4" 18 mm (i.d.)		R 3/4"		G 3/4" 18 mm (i.d.)		B
5	115	TM	6	87	4 20:1	4 0,37 kW	G 3/4" 18 mm (i.d.)		R 3/4"		G 3/4" 18 mm (i.d.)		B
5	57	TM	6	44	5 40:1	4 0,37 kW	G 3/4" 18 mm (i.d.)		R 3/4"		G 3/4" 18 mm (i.d.)		B
2	950	UMS	10	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	950	UMS	10	175	3 10:1	N 0,55 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
2	472	UMS	10	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
2	238	UMS	10	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	335	UMS	4	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	165	UMS	4	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	84	UMS	4	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	420	UMS	5	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	210	UMS	5	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	105	UMS	5	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	505	UMS	6	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	250	UMS	6	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	126	UMS	6	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
3	720	UMS	8	175	3 10:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
3	357	UMS	8	87	4 20:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
3	181	UMS	8	44	5 40:1	4 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C

PRIUS D DIAPHRAGM 60Hz SINGLE-PHASE

1 | code						pump head |	PVDF		AISI 316L		PP		
PD00														
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	7 | motor	hoses connection	4 | K	hoses connection	4 | S	hoses connection	4 | P	Kit installation
10	55	NM	3	175	3 10:1	R 0,37 kW	G 1/2" 13 mm (i.d.)		R 1/2"		G 1/2" 13 mm (i.d.)		A
10	27	NM	3	87	4 20:1	R 0,37 kW	G 1/2" 13 mm (i.d.)		R 1/2"		G 1/2" 13 mm (i.d.)		A
10	14	NM	3	44	5 40:1	R 0,37 kW	G 1/2" 13 mm (i.d.)		R 1/2"		G 1/2" 13 mm (i.d.)		A
10	100	TM	3	175	3 10:1	R 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
10	50	TM	3	87	4 20:1	R 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
10	25	TM	3	44	5 40:1	R 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
7	150	TM	4	175	3 10:1	R 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
7	75	TM	4	87	4 20:1	R 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
7	37	TM	4	44	5 40:1	R 0,37 kW	G 3/4" 13 mm (i.d.)		R 3/4"		G 3/4" 13 mm (i.d.)		A
5	230	TM	6	175	3 10:1	R 0,37 kW	G 3/4" 18 mm (i.d.)		R 3/4"		G 3/4" 18 mm (i.d.)		B
5	115	TM	6	87	4 20:1	R 0,37 kW	G 3/4" 18 mm (i.d.)		R 3/4"		G 3/4" 18 mm (i.d.)		B
5	57	TM	6	44	5 40:1	R 0,37 kW	G 3/4" 18 mm (i.d.)		R 3/4"		G 3/4" 18 mm (i.d.)		B
5	335	UMS	4	175	3 10:1	E 0,55 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	165	UMS	4	87	4 20:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	84	UMS	4	44	5 40:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	420	UMS	5	175	3 10:1	E 0,55 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	210	UMS	5	87	4 20:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	105	UMS	5	44	5 40:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	505	UMS	6	175	3 10:1	E 0,55 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	250	UMS	6	87	4 20:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C
5	126	UMS	6	44	5 40:1	R 0,37 kW	G 1 1/2" 30 mm (i.d.)		R 1"		G 1 1/2" 30 mm (i.d.)		C

PRIUS D DIAPHRAGM 60Hz HIGH PRESSURE

1 | code						pump head |	AISI 316L		PVDF	
PD00											
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	7 | motor		hoses connection	4 | S	hoses connection	4 | K
100	3	LM AP	1.5	175	3 10:1	4	0,37 kW	R 3/8"		-	/
100	1,5	LM AP	1.5	87	4 20:1	4	0,37 kW	R 3/8"		-	/
50	14	MM AP	2	175	3 10:1	4	0,37 kW	R 1/2"		-	/
50	7	MM AP	2	87	4 20:1	4	0,37 kW	R 1/2"		-	/
50	3,5	MM AP	2	44	5 40:1	4	0,37 kW	R 1/2"		-	/
30	26	NM AP	2	175	3 10:1	4	0,37 kW	R 1/2"		-	/
30	13	NM AP	2	87	4 20:1	4	0,37 kW	R 1/2"		-	/
30	6	NM AP	2	44	5 40:1	4	0,37 kW	R 1/2"		-	/
30	72	SM AP	4	175	3 10:1	4	0,37 kW	R 1/2"		-	/
30	36	SM AP	4	87	4 20:1	4	0,37 kW	R 1/2"		-	/
30	18	SM AP	4	44	5 40:1	4	0,37 kW	R 1/2"		-	/
20	153	TM AP	6	175	3 10:1	4	0,37 kW	R 3/4"		-	/
20	76	TM AP	6	87	4 20:1	4	0,37 kW	R 3/4"		-	/
20	38	TM AP	6	44	5 40:1	4	0,37 kW	R 3/4"		-	/
20	27	NM AP	2	175	3 10:1	4	0,37 kW	-	-	8x10 (PVDF) / 8x12 (PVC)	
20	13	NM AP	2	87	4 20:1	4	0,37 kW	-	-	8x10 (PVDF) / 8x12 (PVC)	
20	7	NM AP	2	44	5 40:1	4	0,37 kW	-	-	8x10 (PVDF) / 8x12 (PVC)	

PRIUS D DIAPHRAGM 60Hz HIGH PRESSURE SINGLE-PHASE

1 | code						pump head |	AISI316L	
PD00									
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	7 | motor		hoses connection	4 | S
100	3	LM AP	1.5	175	3 10:1	R	0,37 kW	R 3/8"	
100	1,5	LM AP	1.5	87	4 20:1	R	0,37 kW	R 3/8"	
50	14	MM AP	2	175	3 10:1	R	0,37 kW	R 1/2"	
50	7	MM AP	2	87	4 20:1	R	0,37 kW	R 1/2"	
50	3,5	MM AP	2	44	5 40:1	R	0,37 kW	R 1/2"	
30	26	NM AP	2	175	3 10:1	R	0,37 kW	R 1/2"	
30	13	NM AP	2	87	4 20:1	R	0,37 kW	R 1/2"	
30	6	NM AP	2	44	5 40:1	R	0,37 kW	R 1/2"	
30	72	SM AP	4	175	3 10:1	R	0,37 kW	R 1/2"	
30	36	SM AP	4	87	4 20:1	R	0,37 kW	R 1/2"	
30	18	SM AP	4	44	5 40:1	R	0,37 kW	R 1/2"	
20	153	TM AP	6	175	3 10:1	E	0,55 kW	R 3/4"	
20	76	TM AP	6	87	4 20:1	R	0,37 kW	R 3/4"	
20	38	TM AP	6	44	5 40:1	R	0,37 kW	R 3/4"	

PRIUS D DIAPHRAGM 60Hz ATEX 2G/2D

1 | code						pump head |	II 2G Ex h IIC T3 Gb AISI 316L		II 2 D Ex h IIIC T120°C Db AISI 316L	
PD00											
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	hoses connection	7 | motor		4 | S	7 | motor	4 | S
10	7	NM	1.5	35	5 40:1	R 1/2"	3	0,37 kW		3 0,43 kW	
10	55	NM	3	175	3 10:1	R 1/2"	3	0,37 kW		3 0,43 kW	
10	27	NM	3	70	4 20:1	R 1/2"	3	0,37 kW		3 0,43 kW	
10	14	NM	3	35	5 40:1	R 1/2"	3	0,37 kW		3 0,43 kW	
10	100	TM	3	175	3 10:1	R 1/2"	V	0,37 kW		3 0,43 kW	
10	50	TM	3	87	4 20:1	R 3/4"	V	0,37 kW		3 0,43 kW	
10	25	TM	3	44	5 40:1	R 3/4"	V	0,37 kW		3 0,43 kW	
7	150	TM	4	175	3 10:1	R 3/4"	V	0,37 kW		3 0,43 kW	
7	75	TM	4	87	4 20:1	R 3/4"	V	0,37 kW		3 0,43 kW	
7	37	TM	4	44	5 40:1	R 3/4"	V	0,37 kW		3 0,43 kW	
5	230	TM	6	175	3 10:1	R 3/4"	V	0,37 kW		3 0,43 kW	
5	115	TM	6	87	4 20:1	R 3/4"	V	0,37 kW		3 0,43 kW	
5	57	TM	6	44	5 40:1	R 3/4"	V	0,37 kW		3 0,43 kW	

PRIUS D DIAPHRAGM 60Hz ATEX 3G/3D

1 | code								II 3G Ex h IIC T3 Gc				II 3 D Ex h IIIC T120°C Dc				
PD00							pump head |	PVDF	AISI316L	PP	pump head |	PVDF	AISI316L	PP	Kit instal-
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	7 | motor	4 | K	4 | S	4 | P	7 | motor	4 | K	4 | S	4 | P	lation
10	55	NM	3	175	3 10:1	A 0,25 kW		/	€1114,00	B 0,29 kW		/		A
10	27	NM	3	70	4 20:1	A 0,25 kW		/		B 0,29 kW		/		A
10	14	NM	3	35	5 40:1	A 0,25 kW		/		B 0,29 kW		/		A
10	100	TM	3	175	3 10:1	V 0,37 kW		/		V 0,43 kW		/		A
10	50	TM	3	87	4 20:1	V 0,37 kW		/		V 0,43 kW		/		A
10	25	TM	3	44	5 40:1	V 0,37 kW		/		V 0,43 kW		/		A
7	150	TM	4	175	3 10:1	V 0,37 kW		/		V 0,43 kW		/		A
7	75	TM	4	87	4 20:1	V 0,37 kW		/		V 0,43 kW		/		A
7	37	TM	4	44	5 40:1	V 0,37 kW		/		V 0,43 kW		/		A
5	230	TM	6	175	3 10:1	V 0,37 kW		/		V 0,43 kW		/		B
5	115	TM	6	87	4 20:1	V 0,37 kW		/		V 0,43 kW		/		B
5	57	TM	6	44	5 40:1	V 0,37 kW		/		V 0,43 kW		/		B
5	335	UMS	4	175	3 10:1	V 0,37 kW				V 0,43 kW				C
5	165	UMS	4	87	4 20:1	V 0,37 kW				V 0,43 kW				C
5	84	UMS	4	44	5 40:1	V 0,37 kW				V 0,43 kW				C
5	420	UMS	5	175	3 10:1	V 0,37 kW				V 0,43 kW				C
5	210	UMS	5	87	4 20:1	V 0,37 kW				V 0,43 kW				C
5	105	UMS	5	44	5 40:1	V 0,37 kW				V 0,43 kW				C
5	505	UMS	6	175	3 10:1	V 0,37 kW				V 0,43 kW				C
5	250	UMS	6	87	4 20:1	V 0,37 kW				V 0,43 kW				C
5	126	UMS	6	44	5 40:1	V 0,37 kW				V 0,43 kW				C

PRIUS D DIAPHRAGM 60Hz ATEX 2G/2D HIGH PRESSURE

1 | code								II 2G Ex h IIC T3 Gb	II 2 D Ex h IIIC T120°C Db
PD00							pump head |	AISI316L	AISI316L
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	hoses connection	7 | motor	4 | S	4 | S
100	3	LM AP	1.5	175	3 10:1	R 3/8"	D 0,43 kW		
100	1,5	LM AP	1.5	70	4 20:1	R 3/8"	D 0,43 kW		
50	14	MM AP	2	175	3 10:1	R 1/2"	V 0,43 kW		
50	7	MM AP	2	87	4 20:1	R 1/2"	V 0,43 kW		
50	3,5	MM AP	2	44	5 40:1	R 1/2"	V 0,43 kW		
30	26	NM AP	2	175	3 10:1	R 1/2"	V 0,43 kW		
30	13	NM AP	2	87	4 20:1	R 1/2"	V 0,43 kW		
30	6	NM AP	2	44	5 40:1	R 1/2"	V 0,43 kW		
30	72	SM AP	4	175	3 10:1	R 1/2"	V 0,43 kW		
30	36	SM AP	4	87	4 20:1	R 1/2"	V 0,43 kW		
30	18	SM AP	4	44	5 40:1	R 1/2"	V 0,43 kW		
20	153	TM AP	6	175	3 10:1	R 3/4"	V 0,43 kW		
20	76	TM AP	6	87	4 20:1	R 3/4"	V 0,43 kW		
20	38	TM AP	6	44	5 40:1	R 3/4"	V 0,43 kW		

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