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.

R3-10-22

PERFORMANCE

1000 l/h

100 bar

POWER SUPPLY

380 VAC

220 VAC

115 VAC

VENTING

MANUAL

SELF



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IQNET CERTIFIED MANAGEMENT SYSTEM
qualityaustria SYSTEM CERTIFIED
ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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



LUBRICANT TYPE	
BRAND	**MODEL**
MOBIL	MOBILGEAR 632
SHELL	OMALA OIL 320
BP	ENERGOL GR-XP 320
IP	MELLANA OIL 320
ESSO	SPARTAN EP 320
AGIP	BLASIA 320

PUMP HEADS



PVDF



PP



AISI316

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ISO 45001:2018 No.01121/0

Series\PRIUS D 50 Hz

Diaphragm motor-driven dosing pumps

technical data
manuals
datasheets
exploded-views

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

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ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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	
PD00												
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	7 | motor	hoses connection	hoses connection	4 | S	hoses connection	Kit installation
10	60	NM	3	175	1 8:1	1 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

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ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

PRIUS D DIAPHRAGM 50Hz SINGLE-PHASE

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	hoses connection	hoses connection	
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

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ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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"

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ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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	

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qualityaustria SYSTEM CERTIFIED
ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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

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ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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

1 | code							pump head |	II 2G Ex h IIC T3 Gb	
PD00								AISI316L	AISI316L
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	hoses connection	7 | motor	4 | S	
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



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ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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

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Series\PRIUS D 60 Hz

Diaphragm motor-driven dosing pumps

technical data
manuals
datasheets
exploded-views

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

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ISO 45001:2018 No.01121/0

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

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ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

PRIUS D DIAPHRAGM 60Hz SINGLE-PHASE

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	4 | K	hoses connection	4 | S	hoses connection	4 | P	
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

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ISO 45001:2018 No.01121/0

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	

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ISO 45001:2018 No.01121/0

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

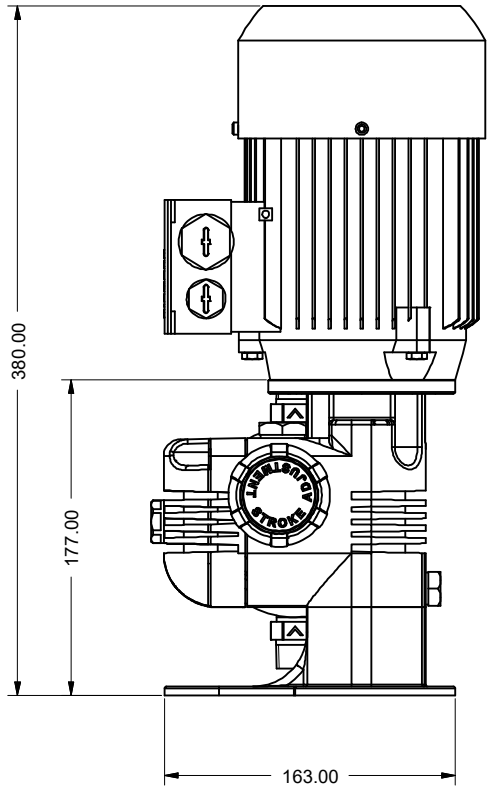
1 | code								II 2G Ex h IIC T3 Gb	II 2 D Ex h IIIC T120°C Db
PD00							pump head |	AISI316L	AISI316L
2 | bar	3 | l/h	p.h.	stroke mm	spm	6 | reduction	hoses connection	7 | motor	4 | S	4 | S
100	3	LM AP	1.5	175	3 10:1	R 3/8"	D 0,43 kW		
100	1,5	LM AP	1.5	70	4 20:1	R 3/8"	D 0,43 kW		
50	14	MM AP	2	175	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		

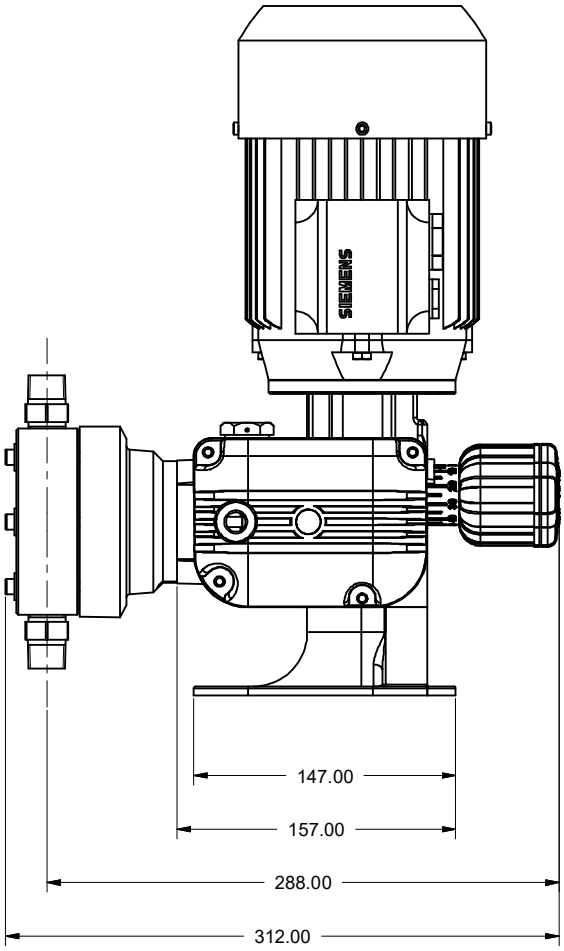
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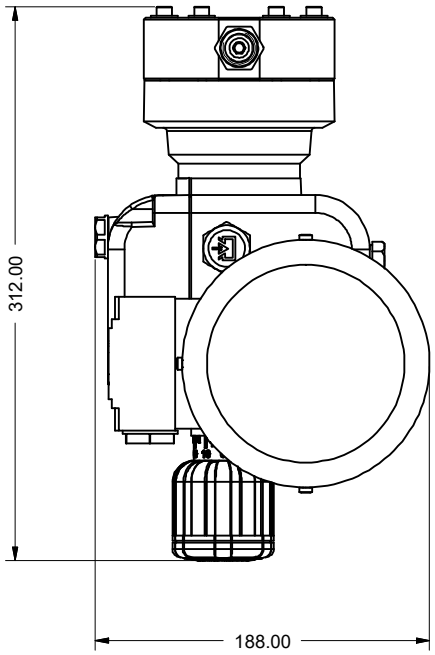
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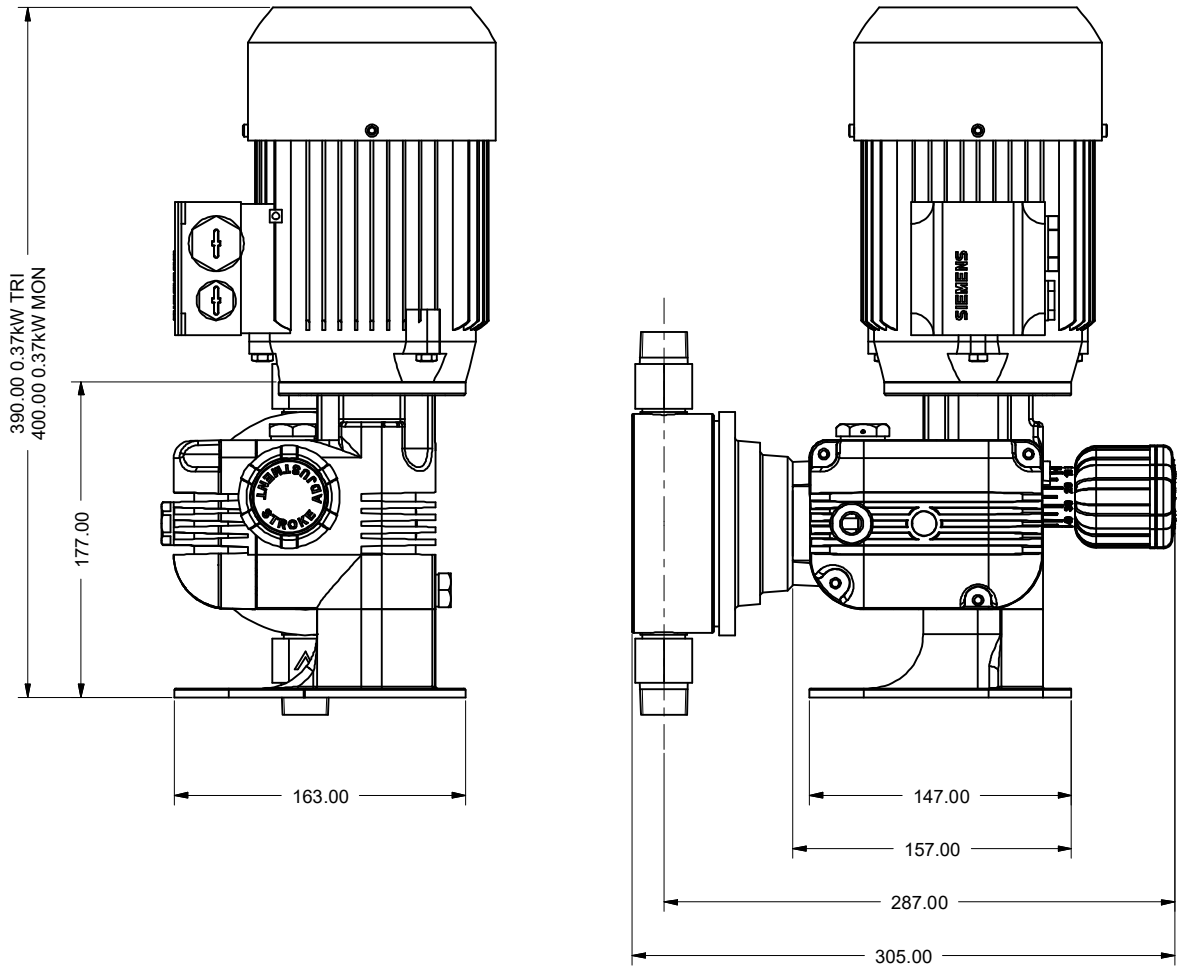


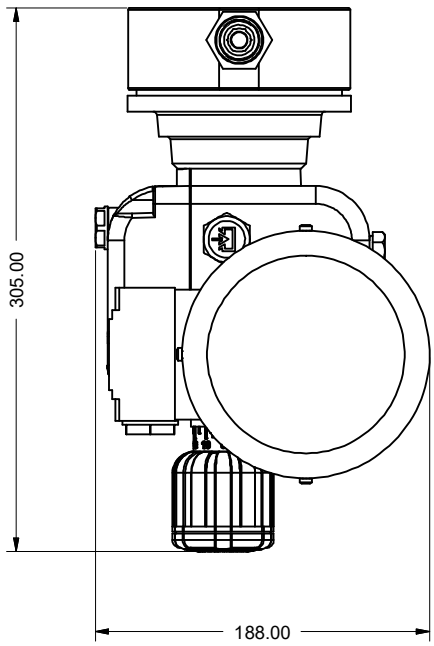
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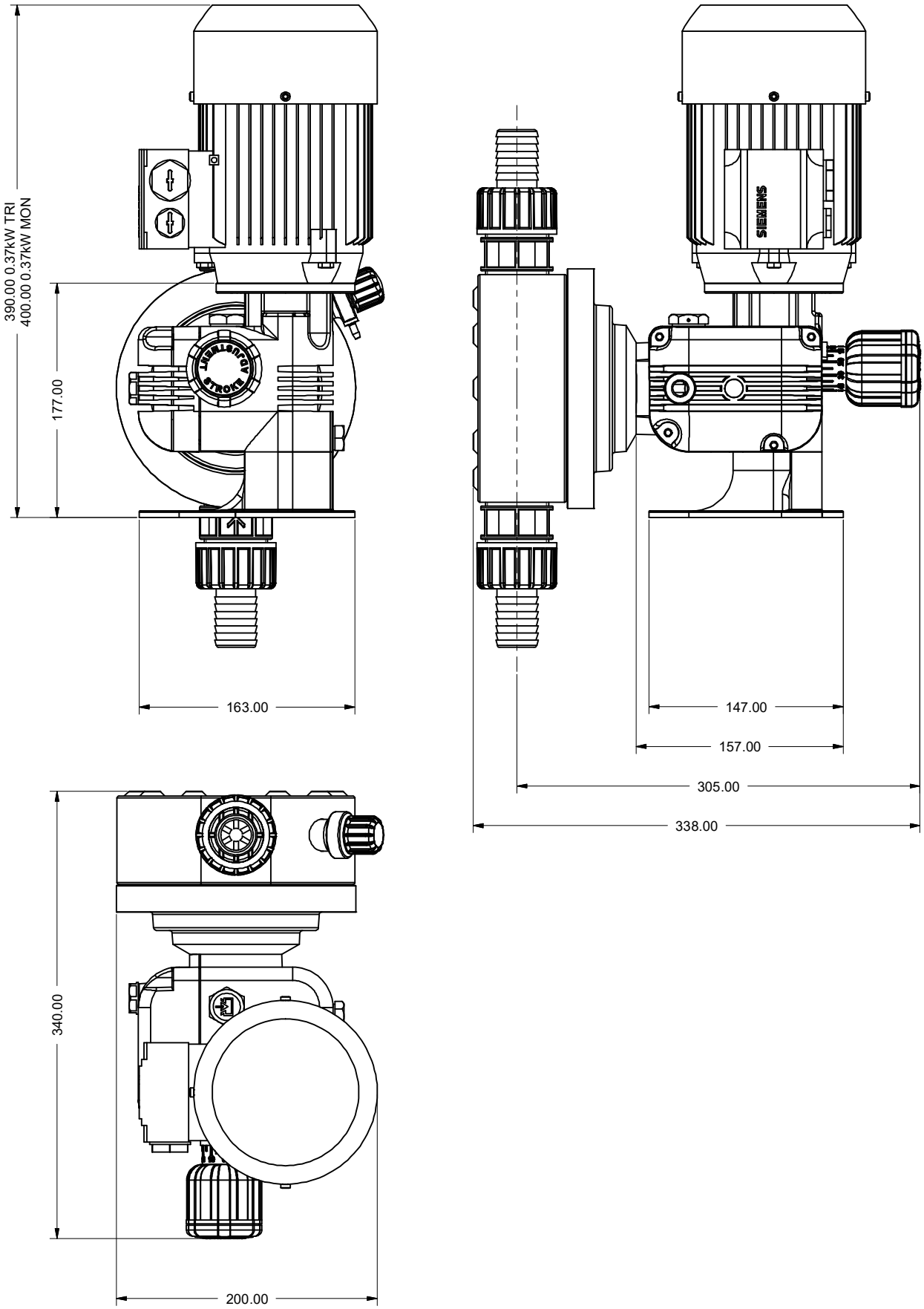


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