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DOSA Tec Solenoid diaphragm dosing pump PCO

Solenoid diaphragm dosing pump for exact dosing of liquid media.



Product description:

- Capacity: 0–16.4 l/h
- Pressure range: 0–16 bar
- Pump head material: PP, PVC, PVDF
- Seals material: EPDM, Viton[®], PTFE
- Diaphragm material: PTFE - coated
- Power supply: 230 VAC
- Alternative power supply: 115 VAC (US-plug)
- Manual pump-head ventilation
- Suitable for base mounting
- Manual adjustment of stroke frequency
- Manual adjustment of stroke length
- Inputs:
 - Level indicator
 - external dosing enabling (optional with retrofit kit)

Areas of application:

- Dosing of small and medium fluid volumes (water treatment, process industry, acids, bases, flocculants, prexipitants, ...).

Scope of supply:

- **DOSA Tec PCO** Solenoid diaphragm dosing pump, accessory set (foot valve, hose, injection valve)

Ordering data:

Type:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item number:
PCO PP/Viton [®] (Dosing pump PCO with PP pump head and Viton [®] seals.)	0.74	10.0	180	4 x 6	4171000
	1.50	16.0	240	4 x 6	4171101
	1.00	10.0	240	4 x 6	4171100
	1.10	16.0	180	4 x 6	4171001
	2.10	10.0	180	4 x 6	4171002
	3.00	10.0	240	4 x 6	4171102
	3.90	7.0	180	4 x 6	4171003
	5.2	7.0	240	4 x 6	4171103
	9.00	3.0	180	5 x 8	4171004
	12.00	3.0	240	5 x 8	4171104
	16.40	1.5	180	5 x 8	4171005
	21.90	1.5	240	5 x 8	4171105

Viton[®] is the registered trademark for DuPont Dow Elastomer.

Subject to technical modifications and printing errors. Images may vary slightly from actual product.
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Ordering data:

Type:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item number:
PCO PP/EPDM (Dosing pump PCO with PP pump head and EPDM seals.)	0.74	10.0	180	4 x 6	4171010
	1.00	10.0	240	4 x 6	4171110
	1.10	16.0	180	4 x 6	4171011
	1.50	16.0	240	4 x 6	4171111
	2.10	10.0	180	4 x 6	4171012
	3.00	10.0	240	4 x 6	4171112
	3.90	7.0	180	4 x 6	4171013
	5.20	7.0	240	4 x 6	4171113
	9.00	3.0	180	5 x 8	4171014
	12.00	3.0	240	5 x 8	4171114
	16.4	1.5	180	5 x 8	4171015
	21.90	1.5	240	5 x 8	4171115
	PCO PP/PTFE (Dosing pump PCO with PP pump head and PTFE seals.)	0.74	10.0	180	4 x 6
1.00		10.0	240	4 x 6	4171150
1.10		16.0	180	4 x 6	4171051
1.50		16.0	240	4 x 6	4171151
2.10		10.0	180	4 x 6	4171052
3.00		10.0	240	4 x 6	4171152
3.90		7.0	180	4 x 6	4171053
5.20		7.0	240	4 x 6	4171153
9.00		3.0	180	6 x 8	4171054
12.00		3.0	240	6 x 8	4171154
16.40		1.5	180	6 x 8	4171055
21.90		1.5	240	6 x 8	4171155
PCO Acryl/Viton® (Dosing pump PCO with Acryl pump head and Viton® seals.)		0.74	10.0	180	4 x 6
	1.00	10.0	240	4 x 6	4171120
	1.10	16.0	180	4 x 6	4171021
	1.50	16.0	240	4 x 6	4171121
	2.10	10.0	180	4 x 6	4171022
	3.00	10.0	240	4 x 6	4171122
	3.90	7.0	180	4 x 6	4171023
	5.20	7.0	240	4 x 6	4171123
	9.00	3.0	180	5 x 8	4171024
	12.00	3.0	240	5 x 8	4171124
	16.40	1.5	180	5 x 8	4171025
	21.90	1.5	240	5 x 8	4171125
	PCO Acryl/EPDM (Dosing pump PCO with Acryl pump head and EPDM seals.)	0.74	10.0	180	4 x 6
1.00		10.0	240	4 x 6	4171130
1.10		16.0	180	4 x 6	4171031
1.50		16.0	240	4 x 6	4171131
2.10		10.0	180	4 x 6	4171032
3.00		10.0	240	4 x 6	4171132
3.90		7.0	180	4 x 6	4171033
5.20		7.0	240	4 x 6	4171133
9.00		3.0	180	5 x 8	4171034
12.00		3.0	240	5 x 8	4171134
16.40		1.5	180	5 x 8	4171035
21.90		1.5	240	5 x 8	4171135
PCO Acryl/PTFE (Dosing pump PCO with Acryl pump head and PTFE seals.)		0.74	10.0	180	4 x 6
	1.00	10.0	240	4 x 6	4171160
	1.10	16.0	180	4 x 6	4171061
	1.50	16.0	240	4 x 6	4171161
	2.10	10.0	180	4 x 6	4171062
	3.00	10.0	240	4 x 6	4171162

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Ordering data:

Type:	Dosing capacity: l/h	Pressure range: bar	Max. stroke frequency: 1/min	Hose connection: mm	Item number:
PCO Acryl/PTFE (Dosing pump PCO with Acryl pump head and PTFE seals.)	3.90	7.0	180	4 x 6	4171063
	5.20	7.0	240	4 x 6	4171163
	9.00	3.0	180	6 x 8	4171064
	12.00	3.0	240	6 x 8	4171164
	16.40	1.5	180	6 x 8	4171065
	21.90	1.5	240	6 x 8	4171165
PCO PVDF/PTFE (Dosing pump PCO with PVDF pump head and PTFE seals.)	0.74	10.0	180	4 x 6	4171040
	1.00	10.0	240	4 x 6	4171140
	1.10	16.0	180	4 x 6	4171041
	1.50	16.0	240	4 x 6	4171141
	2.10	10.0	180	4 x 6	4171042
	3.00	10.0	240	4 x 6	4171142
	3.90	7.0	180	4 x 6	4171043
	5.20	7.0	240	4 x 6	4171143
	9.00	3.0	180	6 x 8	4171044
	12.00	3.0	240	6 x 8	4171144
	16.40	1.5	180	6 x 8	4171045
	21.90	1.5	240	6 x 8	4171145

Options:

Type:	Item number:
Retrofit kit for external dosing approval and level switch	9071510
Level Switch 1 piece, with 3 m stranded wire	9071520

