

## 1.8 ProMinent® DULCO® flex Control

### 1.8.2 Technical Data ProMinent® DULCO® flex Control DFXa

Type	Maximum back pressure bar	Pump capacity	Max. speed rpm	Connector size o Ø x i Ø	Suction lift m WC	Intake head m WC	Shipping weight kg
0730	7	10 ml/h – 30 l/h	100	12 x 9	9	9	5.8
0530	5	10 ml/h – 30 l/h	100	12 x 9	9	9	5.8
0565	5	22 ml/h - 65 l/h	100	12 x 9	9	9	5.5
0365	3	22 ml/h - 65 l/h	100	12 x 9	9	9	5.5

<b>Hose material:</b>	Thermoplastic vulcanisate (TPV), polyurethane (PUR)
<b>Hose connectors:</b>	PVDF/PTFE
<b>Metering reproducibility:</b>	±2% with retracted hose (after approx. 200 revolutions)
<b>Electrical connection:</b>	100 - 230 V ±10%, 50/60 Hz
<b>Nominal power:</b>	approx. 45 W
<b>Degree of protection:</b>	IP 66, NEMA 4X Indoor
<b>Viscosities</b>	The DFXa0530VPT has successfully metered viscosities of up to 200,000 mPas in testing. If you are working with viscosities of more than 10,000 mPas, please contact our technical consulting department, who will be able to assist you.
<b>Permissible ambient temperature:</b>	0 ... 45 °C

### 1.8.3 Spare Parts ProMinent® DULCO® flex Control DFXa

	Part No.	
Spare part set DFXa 0518 VPT	1114522	<b>Replacement spare parts kits consisting of:</b> 1x tube 1x connection set 1x silicone grease
Spare part set DFXa 0518 VPF (FDA Tube)	1114521	
Spare part set DFXa 0730 SPT	1103102	
Spare part set DFXa 0730 SPF (FDA Tube)	1103099	
Spare part set DFXa 0530 SPT	1103100	
Spare part set DFXa 0530 SPF (FDA Tube)	1103101	
Spare part set DFXa 0530 VPT	1104954	
Spare part set DFXa 0530 VPF (FDA Tube)	1108859	
Spare part set DFXa 0565 VPT	1112765	
Spare part set DFXa 0565 VPF (FDA Tube)	1112764	
Spare part set DFXa 0365 FPT	1123766	
Spare part set DFXa FPG (FDA Tube)	1121589	
Spare part set DFXa rotor complete 0518/0565	1116468	
Spare part set DFXa rotor complete 0530/0730/0365	1103249	
Single Star grip screw DIN 6336 L M5x15xd25 A2	1102764	
Replacement cover screw set DFXa	1104952	
Tube break detector	1044477	
Dosing head cover (Early version)	1104727	
Dosing head DFXa Version 2.0 (black plastic part)	1115677	
Dosing head cover V2	1115678	
Countersunk screw DIN 7991 M 5x20 A2 (4 x required)	1027519	
Spare part set DFXa head & cover V2	1115681	



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## 1.8.4 Identity Code & Pricing for ProMinent® DULCO® flex Control DFXa

### DFXa

#### Regional design

EU Europe

Type	Capacity	bar	l/h
0530	5		30 l/h [VP & SP]
0730	7		30 l/h [SP ONLY]
0565	5		65 l/h [VP ONLY]
0365	3		65 l/h [FP ONLY]

#### Tube material

- SP Thermoplastic vulcanisate (TPV/PVDF) [0503 & 0730 ONLY]
- VP Polyurethane (PUR/PVDF)
- FP Styrol Ethylen Butylen Styrol (SEBS) [0365 ONLY]

#### Seal material

- T PTFE
- F FDA-compliant (PTFE)

#### Dosing head orientation

- R right (view from behind)
- L left (view from behind)
- U top
- D bottom

#### Hydraulic connector

- 0 Standard connector (12x9)
- 2 Connector 8x5
- 5 Connector 12x6 discharge side
- 7 no connector kit
- 8 Connector 9x5
- E Connector DN 10 with nozzle

#### Tube rupture alarm

- 0 none
- 1 with hose rupture alarm

#### Design

- 0 Housing RAL 5003 / cover RAL 2003

#### Logo

- 0 with ProMinent logo

#### Power unit version

- U universal 100-240 V

#### Cable and plug

- C 2 m Australian

#### Relay

- 0 no relay
- 1 1 x changeover contact 230 V – 8 A, fault indicating relay N/C
- 4 2 x N/O 24 V – 100 mA, fault indicating relay N/C + pacing relay
- C 1 x N/O 24 V – 100 mA, fault indicating relay N/C + 4 – 20 mA output

#### Accessories

- 0 no accessories
- 1 Injection valve 1/2" and foot valve, 2m suction tube, 5m discharge tube

#### Control version

- 0 Manual + external with pulse control
  - 3 Manual + external with pulse control + analogue 0/4 - 20 mA
  - C as 3 + CANopen\*
  - P as 3 + Profinet\*
  - R as 3 + PROFIBUS® DP interface M12
  - M as 3 + Modbus\*
  - \*No relay can be selected with these options
- Note:** Control Variant D to be confirmed.

#### Communication interface

- 0 none

#### Language

- EN English

#### Certification

- 01 CE [STANDARD]

#### Prepack

- P see options at left

#### CAUTION

Pump is supplied assembled. However storage periods will deform the squeeze tube. Customer MUST BE advised to remove the pump rotor if storing the pump

**Note:** If PROFIBUS® is specified refer to page 3.20 to determine which PROFIBUS® cables, adaptors and terminators are required. Also if PROFIBUS® option is selected NO relays can be fitted.

#### Prepacks = P

- P0 - no control cable
- P2 - 2m control cable
- P5 - 5m control Cable
- PX -10m control Cable

**Note:** Cable for I/O port see page 3.19 in Yellow Pages.

DFXA EU 0503 SP T R 0 0 0 0 U C 0 0 0 0 EN

