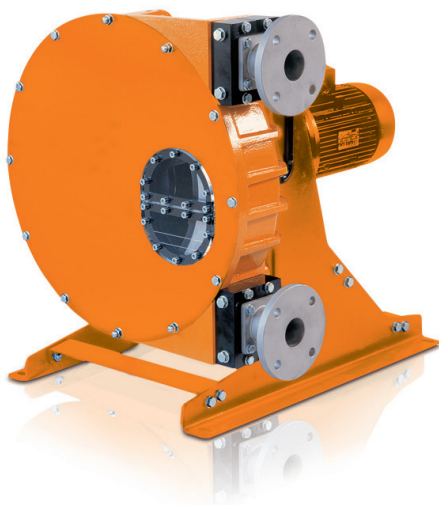


# Peristaltic Pump DULCOFLEX DFDa

Maximum pump capacities and high pressures

ProMinent®



The peristaltic pump DFDa is designed for maximum pump capacities and high pressures and is winning customers over with its noiselessness and long service life. It is fitted with shoes and fabric-reinforced hoses – perfect for industrial use.

## Technical Details

- Hydraulic connector sizes DN 32 – DN 80
- Pump capacity 0.43 - 11.70 l/revolution
- Hose material (fabric-reinforced): NR, NBR, EPDM, NBR-A, Hypalon
- Self-priming up to 8 m water column
- Back pressure up to 15 bar
- Integrated ball bearing housing
- Patented hose clamp
- Cathodic dip coating makes housing resistant to chemicals

## Options

- Stainless steel base plate
- Designed as mobile unit
- Various connectors, such as BSP, NPT, Tri-Clamp and DIN 11851
- Pulsation damper
- Leak sensor
- Pump housing with Halar coating (ECTFE)
- Food approval EU 1935/2004. Available with FDA-compliant hose and connectors on request
- For areas at risk from explosion II 2G Ex h IIBT4 Gb
- Pump available: with/without gears / variable speed motor with external fan and PTC resistor / motors with integrated frequency converter



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## Technical Data

|  |                               |
|--|-------------------------------|
| <b>Hose material (fabric-reinforced)</b> | NR, NBR, EPDM, NBR-A, Hypalon |
| <b>Self-priming</b>                      | up to 8 m                     |
| <b>Back pressure</b>                     | up to 15 bar                  |
| <b>Contact pressure roller / shoes</b>   | Shoes                         |

| Type            | Delivery rate | Maximum back pressure* | Delivery rate   | Inner hose diameter | Max. size of solid particles** | Weight | Connection DN |
|-----------------|---------------|------------------------|-----------------|---------------------|--------------------------------|--------|---------------|
|                 | l/rev.        | bar                    | l/h             | mm                  | mm                             | kg     |               |
| <b>DFDa 025</b> | 0.30          | 15                     | 250...800       | 25                  | 6.3                            | 57     | DN 25         |
| <b>DFDa 032</b> | 0.62          | 15                     | 450...1,800     | 32                  | 8.0                            | 89     | DN 32         |
| <b>DFDa 040</b> | 1.33          | 15                     | 1,500...3,500   | 40                  | 10.0                           | 150    | DN 40         |
| <b>DFDa 060</b> | 2.90          | 15                     | 3,000...6,500   | 57                  | 14.3                           | 252    | DN 50         |
| <b>DFDa 070</b> | 6.70          | 15                     | 5,500...12,500  | 65                  | 16.3                           | 530    | DN 65         |
| <b>DFDa 080</b> | 11.70         | 15                     | 8,500...18,500  | 80                  | 20.0                           | 900    | DN 80         |
| <b>DFDa 100</b> | 20.00         | 15                     | 14,500...33,000 | 100                 | 25.0                           | 1,100  | DN 100        |

\* The back pressure can be adjusted up to 15 bar by adding several washers to suit the requirements of the respective application.

\*\* Maximum particle size compared with inner diameter of hose; <25% for soft solids and <15% for hard solids.

### ■ SYDNEY OFFICE

Unit 4, 4 Narabang Way,  
BELROSE NSW 2085  
P 02 9450 0995  
F 02 9450 0996  
sales@prominentfluid.com.au

### ■ QUEENSLAND OFFICE

Unit 1, 68 Murdoch Circuit,  
ACACIA RIDGE QLD 4110  
P 07 3213 1900  
F 07 3272 0445  
pfcqld@prominentfluid.com.au

### ■ VICTORIA OFFICE

Unit 1/21-22 National Drive  
HALLAM VIC 3803  
P 03 8795 7430  
F 03 8975 7431  
pfcvic@prominentfluid.com.au

### ■ WESTERN AUSTRALIA OFFICE

2/158 Francisco Street  
BELMONT WA 6104  
pfcwa@prominentfluid.com.au

[www.prominentfluid.com.au](http://www.prominentfluid.com.au)