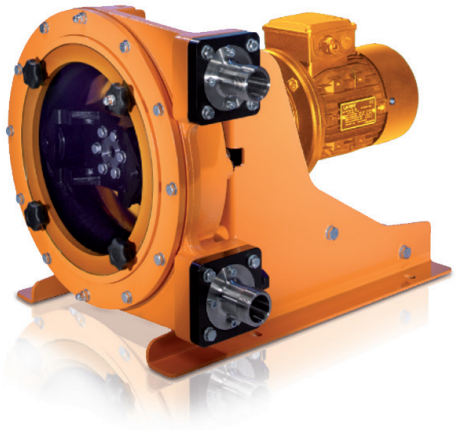
Peristaltic Pump DULCOFLEX DFCa

High pump capacities and long service life



High pump capacities are not a problem with the peristaltic pump DULCOFLEX DFCa. It is equipped with extra rollers and fabric-reinforced hoses for industrial use.

Technical Details

- Hydraulic connector sizes DN 32 to DN 80
- Pump capacity 0.43 - 11.7 l/revolution
- Hose material (fabric-reinforced): NR, NBR, EPDM, NBR-A, Hypalon
- Hose material (not reinforced): TPV, silicone, PVC
- Self-priming up to 8 m water column
- Back pressure up to 83bar
- Integrated ball bearing housing
- Patented hose clamp
- Cathodic dip coating makes housing resistant to chemicals

Options

- Stainless steel base plate
- Designed as mobile unit
- Rotor with 3 contact pressure rollers
- 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 IIB T4 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

Hose	NR, NBR, EPDM, NBR-A, Hypalon
Hose Material	TPV, silicone
Self-priming	up to 8 m
Back pressure	Up to 8 bar
Contact pressure roller/ shoes	Contact pressure roller

Type	Delivery Rate	Maximum back pressure*	Delivery Rate	Hose diameter (internal)	Max. size of solid particles**	Weight	Connection Size
	l/rev.	bar	l/h	mm	mm	kg	
DFCa 030	0.43	8	300… 1,500	28	7.0	62	DN 32
DFCa 040	0.86	8	600… 2,500	35	8.8	89	DN 40
DFCa 050	1.47	8	1,500… 4,500	40	10.0	140	DN 40
DFCa 060	3.16	8	2,500… 8,000	55	13.8	235	DN 50
DFCa 070	6.72	8	5,000… 15,000	65	16.3	440	DN 65
DFCa 080	11.70	8	9,000… 25,000	80	20.0	800	DN 80

* The back pressure can be adjusted up to 8 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.

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