

DulcoFlex DFA Series

An extremely robust tubing pump!

The **DulcoFlex DFA** series peristaltic pumps are an inexpensive alternative to costly “cased” pumps used for dosing or transfer applications. The fixed 3 roller design offers extremely accurate dosing, resistance to abrasion, ability to run dry, friendly maintenance and is 100% field repairable unlike other competitive pumps, which require factory assistance for repair. With 6 tube sizes the **DulcoFlex DFA** series pumps can reach flow rates up to 22 gph (84 l/h) and pressures up to 30 psi.

Applications

- Water & Wastewater Sampling
- Chemical dosing
- Flocculent dosing
- Abrasive products
- Additive dosing for dairy, beverage & juices
- Metering of pigments, coatings, latex & ink
- Tablet coaters
- Ink and colorants
- Pump & Paper

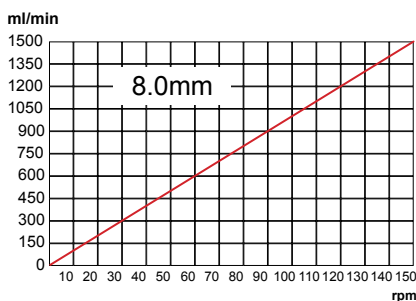
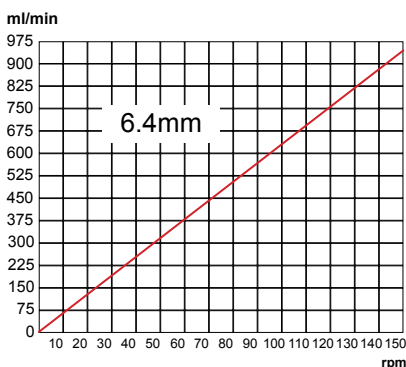
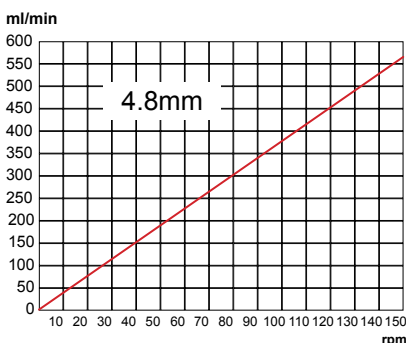
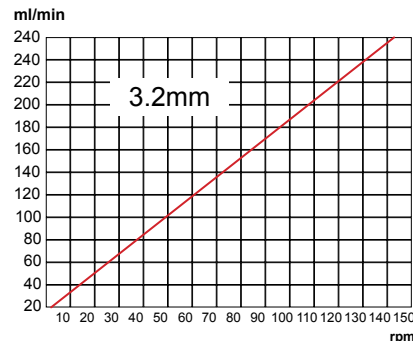
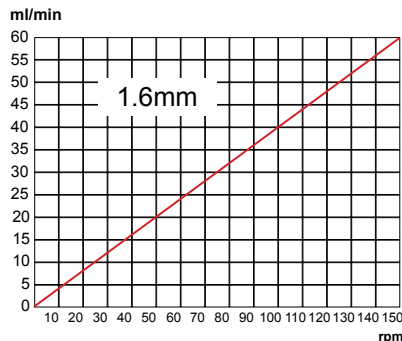
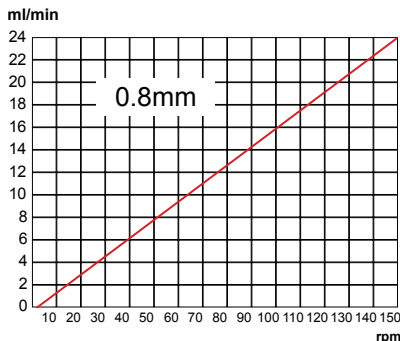


Features & Benefits

- Tubing sizes: .8mm, 1.6mm, 3.2mm, 4.8mm, 6.4mm, 8.0mm
- Wall thicknesses: 1.6mm & 2.4mm
- Tubes available in Norprene®, Tygon®, Chem-sure®
- Easy tube replacement
- Self-priming to 17'
- No seals or valves
- 3 and 5 roller rotor assemblies
- Explosion proof capabilities
- Food-grade tubing available

DulcoFlex DFA Series

DFA Pump Curves



DFA Flow Table - GPH

RPM	Tubing ID Sizes					
	0.8mm	1.6mm	3.2mm	4.8mm	6.4mm	8.0mm
14	0.04	0.09	0.37	0.84	1.39	2.22
35	0.09	0.22	0.92	2.11	3.47	5.55
70	0.18	0.44	1.84	4.22	6.94	11.09
93	0.24	0.59	2.45	5.60	9.23	14.74
140	0.35	0.89	3.68	8.43	13.89	22.19

DulcoFlex DFB Series

One of the most versatile hose pumps ever built!

The **DulcoFlex DFB** is a versatile peristaltic pump, which incorporates both hose and tubing technology. The unique roller design offers a lubricant-free housing unlike typical shoe pumps. With pressures up to **116 psi** and flow rates to **385 gph**, the **DFB** is a great choice for pumping difficult fluids such as slurries and abrasive chemicals.

Applications

- NaOCl
- Lime dosing
- FeCl₃
- Mining
- Fruit Juices
- Flavoring
- Wine
- Ink
- Emulsions
- Detergents



Features & Benefits

- 10, 13, 16, 19, 22mm tubing pumps (30psi)
- 10, 13, 16, 22mm reinforced hose pumps (116 psi)
- Flows to 385 gph (6.5 gpm)
- Halar coating available for the toughest chemicals
- Disaster proof hose connections
- Roller Technology - Lower hose Stress
- Easy maintenance
- Reinforced hose
- Can run dry
- Self priming
- Great for solids
- Reversible
- No seals
- No valves

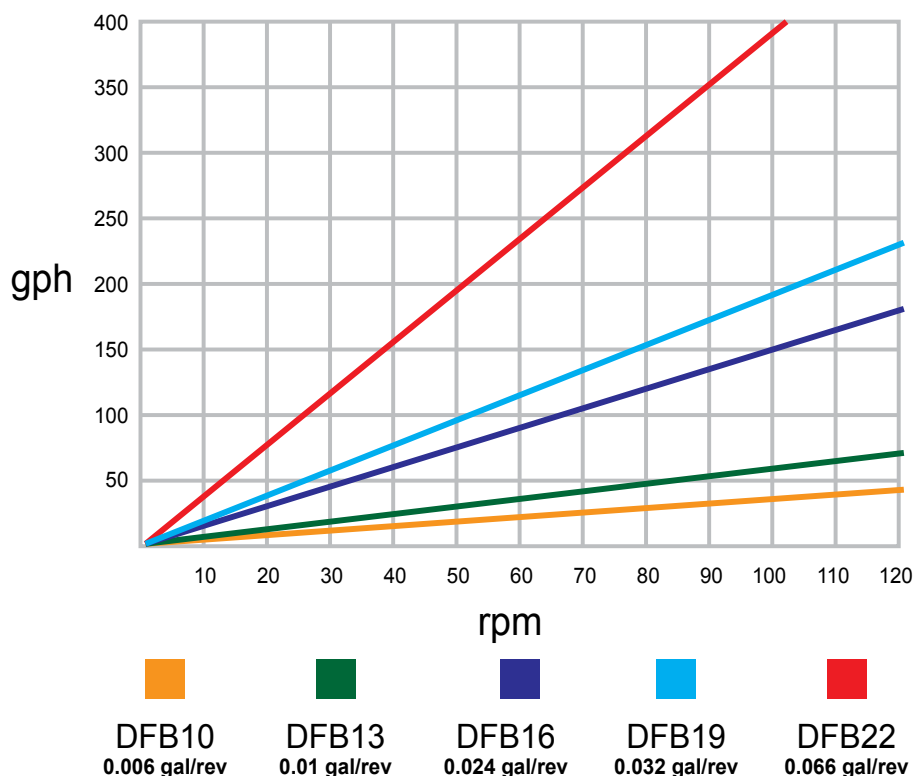
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DulcoFlex DFB Series

DFB Series Flow Rates



Pump Capacities

	DFB10	DFB13	DFB16	DFB19	DFB22
Compression	Roller	Roller	Roller	Roller	Roller
Connection	3/8"	3/8"	3/4"	1"	1"
Capacity gal/rev	0.006	0.01	0.024	0.032	0.066
Max Flow gph	52	84	210	270	385
Reinforced Hoses	Natural Rubber Nitrile EPDM Hypalon Natural Rubber Food Grade Nitrile Food Grade			Not Available in this model.	Same as DFB10-16 models.
Max Pressure Reinforced Hose	116 psi	116 psi	116 psi	N/A	116 psi
Tubing	Norprene	Norprene	Norprene Tygon	Norprene Tygon	Norprene
Max Pressure Tubing	30 psi	30 psi	30 psi	30 psi	30 psi

DulcoFlex DFC Series

Hose Pump Roller Technology

The **DulcoFlex DFC** is a hose pump designed for difficult pumping applications. Unlike typical shoe pumps, it incorporates a roller design, which eliminates the need for cumbersome lubricants. The **DFC** can reach pressures up to **116 psi** and flow rates up to **130 gpm** and is ideal for difficult industrial and municipal applications.

Applications

- Sludge transfer
- Lime slurry
- NaOCl transfer
- Inks
- Dyes
- Acids
- Caustics
- Wine barrel filling
- Water & Waste water
- Chemicals
- Breweries & Wineries
- Pulp & Paper

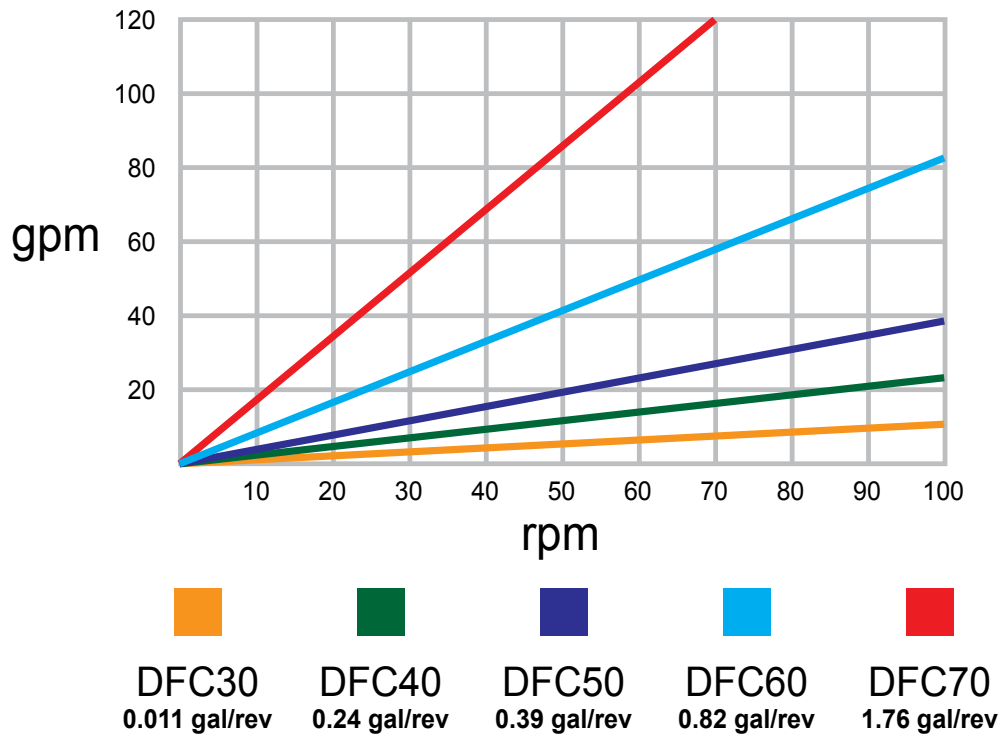


Features & Benefits

- | | |
|---|-----------------------------|
| ■ Sizes: 30, 40, 50, 60, 70 mm | ■ Can run dry |
| ■ Flows to 130 gpm | ■ Self priming |
| ■ Disaster proof hose connections | ■ Great for solids handling |
| ■ Roller Technology - Lower hose stress | ■ Reversible |
| ■ Easy maintenance | ■ No seals |
| ■ Reinforced hose | ■ No valves |

DulcoFlex DFC Series

DFC Series Flow Rates



Pump Capacities

	DFC30	DFC40	DFC50	DFC60	DFC70
Compression	Roller	Roller	Roller	Roller	Roller
Connection	1 1/4"	1 1/2"	1 1/2"	2"	3"
Capacity gal/rev	0.11	0.24	0.39	0.82	2.13
Max Flow gpm	12	20	30	82	130
Reinforced Hoses	EPDM		Natural Rubber		
	Hypalon		Natural Rubber Food Grade		
	Nitrile Buna Rubber		Nitrile Buna Rubber Food Grade		
Max Pressure Reinforced Hose	116 psi	116 psi	116 psi	116 psi	116 psi
Tubing	N/A	Norprene	N/A	N/A	N/A
Max Pressure Tubing	N/A	30 psi	N/A	N/A	N/A

DulcoFlex DFD Series

High flows and high pressures with the DFD series pumps

The **DulcoFlex DFD** is a hose pump designed for pressures up to **232 psi** and flow rates up to **225 gpm**. The unique shoe design is made of steel for smoother and cooler compression. The **DFD** uses safe **DulcoLube** oil for the shoe lubrication. With suction lifts up to **29 feet**, the **DulcoFlex DFD** is a great choice for difficult pumping applications.

Applications

- Sludge transfer
- Lime slurry
- NaOCl transfer
- Inks
- Dyes
- Acids
- Caustics
- Wine barrel filling
- Water & Waste water
- Chemicals
- Breweries & Wineries
- Pulp & Paper

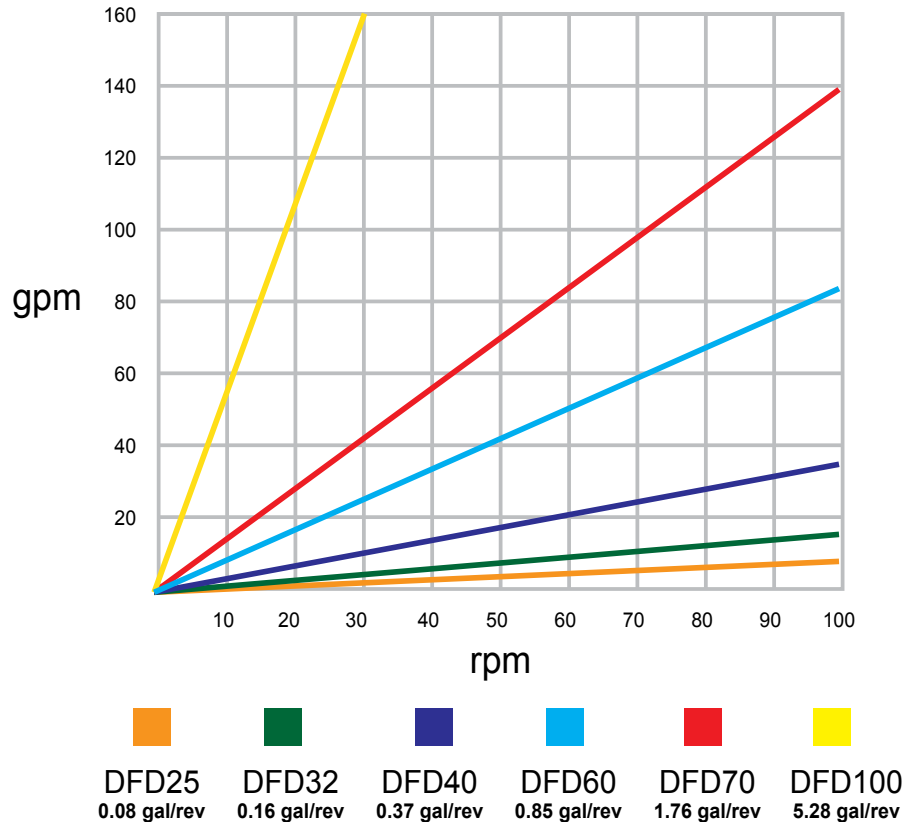


Features & Benefits

- Sizes: 25, 32, 40, 60, 70, 100mm
- Flows to 225 gpm
- Suction lifts up to 29 ft.
- Disaster proof hose connections
- DulcoLube food grade glycerin lubricant
- Designed heat sink fins for cooler operation
- Steel shoes for a smoother and cooler compression
- Run dry capabilities

DulcoFlex DFD Series

DFD Series Flow Rates



Pump Capacities

	DFD25	DFD32	DFD40	DFD60	DFD70	DFD100
Compression	Shoe	Shoe	Shoe	Shoe	Shoe	Shoe
Connection	1"	1 ½"	1 ½"	2 ½"	3"	4"
Capacity gal/rev	0.08	0.16	0.37	0.85	1.76	5.28
Max Flow gpm	12	20	30	84	130	225
Reinforced Hoses	Natural Rubber Nitrile Buna Rubber EPDM			Hypalon Natural Rubber Food Grade Nitrile Buna Rubber Food Grade		
Max Pressure Reinforced Hose	232 psi	232 psi	232 psi	232 psi	232 psi	232 psi