

DULCOFLEX - DFYa

Intelligent peristaltic metering pump!

ProMinent®



Capacity range 108.3 gph (410 l/h) at pressures up to 116 psig (8 bar)

The new DULCOFLEX - DFYa metering pump adds an intelligent peristaltic offering to our established line of ProMinent pumps

This new design of peristaltic pump is controlled electronically via an HMI controller thus allowing for greater turndown in our DULCOFLEX pump series. All the benefits of a peristaltic pump are retained including off-gassing fluids, high viscosity and abrasive media, and shear-sensitive liquids.

Like the DFXa, the DFYa offers simple and easy hose replacement via the HMI controller. When the hose needs replaced, the pump displays instructions for the user to step-through the replacement process.

Features & Benefits

- Control via contact, batch, manual or analog modes
- Adjustment of the metering rate directly in gph or l/h
- Connection to process control systems via BUS interfaces, such as PROFIBUS®, Profinet or CANbus
- Large, illuminated display
- Pump is available as an FDA design
- Reverse flow is possible
- Viscosities to 40,000 cPs

Field of application

- Mining
- Potable water and wastewater industry
- Chemical industry
- Paper industry
- Food and beverage industry
- All industrial applications, either as a stand-alone unit or integrated in a complete system

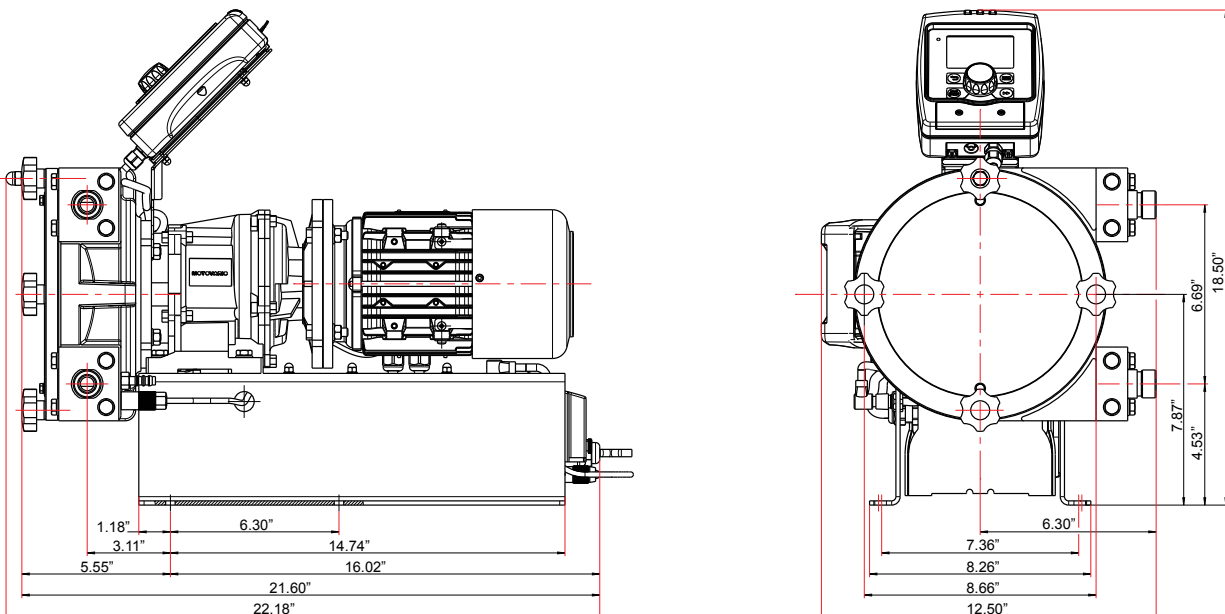
DULCOFLEX - DFYa

Technical Data

Capacity Data										
Pump Version	Capacity at Maximum Backpressure				Max. Speed	Connector Size	Suction Lift		Shipping Weight	
	GPH (± 10 %)	(L/H) (± 10 %)	PSIG	(bar)			ft	(m)	lbs	(kg)
DULCOFLEX - DFYa										
04410	108.3	(410)	58.0	(4)	80	3/4"	26.25	(8)	66	(30)
06410	108.3	(410)	87.0	(6)	80	3/4"	26.25	(8)	66	(30)
08410	108.3	(410)	116.0	(8)	80	3/4"	26.25	(8)	66	(30)

Tube material:..... NR (Natural rubber)
 NBR (Nitrile rubber), NBR-A (Nitrile rubber FDA approved)
 EPDM
 Hypalon
 Pre-primed suction lift:..... 26.25 ft (8 m)
 Rollers/shoes:..... Rollers
 Metering reproducibility: ±2% with retracted tube (after approx. 500 revolutions)
 Electrical connection:..... 100 - 230 V ±10%, 50/60 Hz
 Power consumption:..... Max. 400 W
 Degree of protection:..... IP 55
 Permissible ambient temperature:..... 14 - 113 °F (-10 - 45 °C)
 Optional relay modules:..... Fault indicating relay - 230 V AC - 8 A
 Fault indicating relay +Pacing relay - 24 V DC - 100 mA
 0/4-20 mA output + fault indicating/ pacing relay - 24 V DC - 100 mA
 Capacity data represents minimum values, tested using water at 68 °F (20 °C) (room temperature)

Dimensions



Note: All above measurements are in inches

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