

Air-Operated Diaphragm Pump Duodos

Duodos pumps are air-driven double diaphragm transfer pumps. No electrical components are required.



Capacity range up 12,000 l/h, discharge lift up to 70 m WC

The pump capacity of the pump can be controlled by changing the pressure in the air supply. The air control is designed for oil-free operation. Duodos pumps are ideally suited for the transport of liquid chemicals. Duodos pumps transport media at up 12,000 l/h and up to a discharge lift of 70 m. As the pump capacity is highly dependent on the back pressure, the performance curve must always be observed.

At the same time, the differential pressure between the hydraulic and pneumatic sides should not exceed 2 bar. Higher values reduce the service life of the pump. When selecting pumps, check the material compatibility. In addition, consider the density, viscosity and temperature of the transported medium.

Your benefits

- No electrical components are required because the pumps are air-operated
- Duodos pumps are run-dry safe and self-priming

Field of application

- Pumping of liquid chemicals

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Technical Data

Duodos PP

	Housing material	Diaphragms/ valves	Delivery rate (2 bar differential pressure) l/h	Order no.
Duodos 20 PPS	PP	Santoprene®	0...1,200	1103381
Duodos 50 PPS	PP	Santoprene®	0...3,000	1103384
Duodos 100 PPS	PP	Santoprene®	0...6,000	1103383
Duodos 200 PPS	PP	Santoprene®	0...12,000	1103377

Duodos PVDF

	Housing material	Diaphragms/ valves	Delivery rate (2 bar differential pressure) l/h	Order no.
Duodos 20 PVT	PVDF	PTFE	0...1,200	1103378
Duodos 50 PVT	PVDF	PTFE	0...3,000	1103382
Duodos 100 PVT	PVDF	PTFE	0...6,000	1103379
Duodos 200 PVT	PVDF	PTFE	0...12,000	1103380

Parameters For Use

	Min. temperature °C	Max. temperature °C	Max. viscosity mPas
Duodos 100 PPS	10	80	200
Duodos 100 PVT	-13	93	200
Duodos 20 PPS	10	80	200
Duodos 20 PVT	-13	93	200
Duodos 200 PPS	10	80	200
Duodos 200 PVT	-13	93	200
Duodos 50 PPS	10	80	200
Duodos 50 PVT	-13	93	200

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