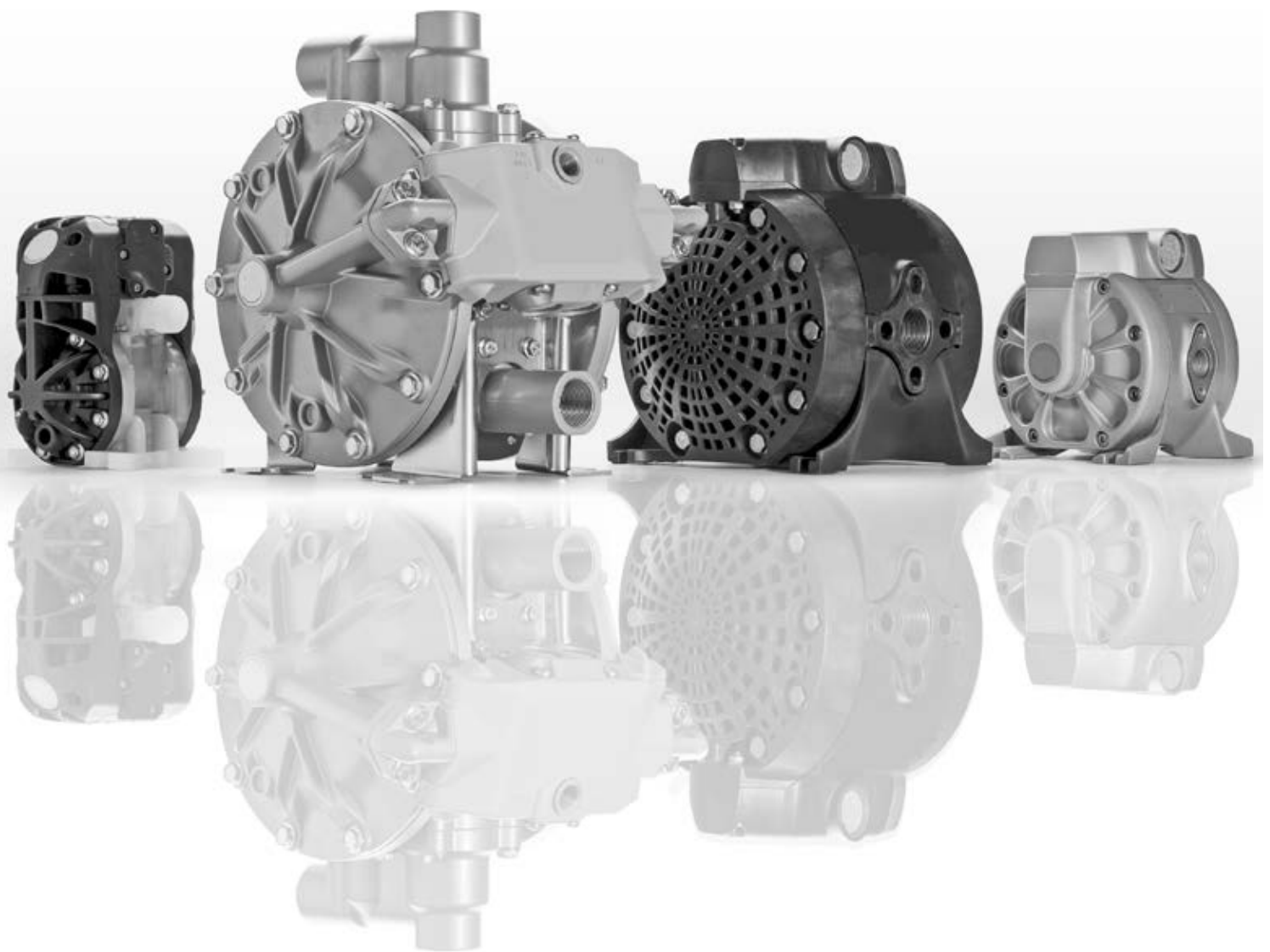


ProMinent Duodos®

Air operated double diaphragm pumps

Innovative | Unique | Simple | Reliable | Durable | Compact | Efficient | Quiet | Versatile



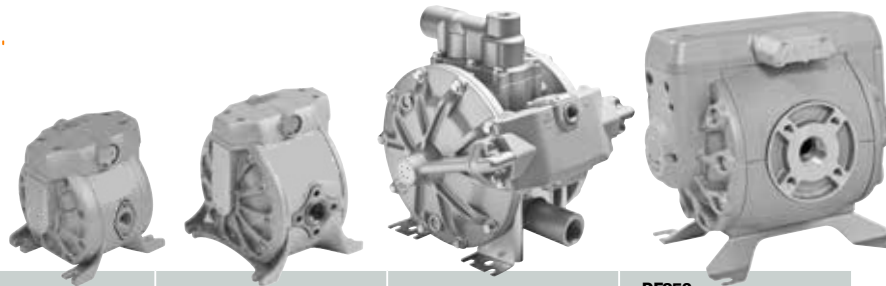
Our Pump Selection

Plastic Pumps



	DC20	DF30	DF50	DF100	DP200
Pressure ratio	1:1	1:1	1:1	1:1	1:1
Maximum free delivery ⁽¹⁾	20 l/min (5 US gal/min)	38 l/min (10 US gal/min)	50 l/min (14 US gal/min)	100 l/min (28 US gal/min)	200 l/min (53 gal/min)
Delivery per stroke ^{(1) (2)}	0,03 litres (0.008 US gal)	0,07 litres (0.02 US gal)	0,1 litres (0.026 US gal)	0,25 litres (0.07 US gal)	0,5 litres (0.13 US gal)
Air pressure operating range	1,5 to 7 bar (22 to 100 psi)	1,5 to 8 bar (22 to 115 psi)	1,5 to 8 bar (22 to 115 psi)	1,5 to 8 bar (22 to 115 psi)	1,5 to 8 bar (22 to 115 psi)
Solids in suspension max. size	2 mm (3/32")	3 mm (1/8")	3 mm (1/8")	4 mm (3/16")	6 mm (1/4")
Maximum dry suction lift ⁽¹⁾	2 m (6 1/2')	4 m (13')	6 m (20')	4,5 m (15')	5 m (16')
Maximum wet suction lift ⁽¹⁾	7 m (23')	8 m (26')	8 m (26')	7 m (23')	8 m (26')
Fluid inlet connection	Int.: 1/4" BSP/NPT (F) Ext.: 3/4" NPT (M)	1/2" BSP/NPT (F)	1/2" BSP/NPT (F)	1" BSP/NPT (F)	1" DIN PN-10 DN25 flange and ANSI B16.5 1" 150 lb flange
Fluid outlet connection	Int.: 1/4" BSP/NPT (F) Ext.: 3/4" NPT (M)	1/2" BSP/NPT (F)	1/2" BSP/NPT (F)	1" BSP/NPT (F)	1" DIN PN-10 DN25 flange and ANSI B16.5 1" 150 lb flange
Air inlet connection	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)
Pump body materials	Polypropylene, conductive acetal, PVDF, conductive polypropylene, conductive PVDF				

Metal Pumps



	DF50	DF100	DP200	DF250
Pressure ratio	1:1	1:1	1:1	1:1
Maximum free delivery ⁽¹⁾	50 l/min (14 US gal/min)	100 l/min (28 US gal/min)	200 l/min (53 gal/min)	250 l/min (66 US gal/min)
Delivery per stroke approx. ^{(1) (2)}	0,1 litres (0.026 US gal)	0,25 litres (0.07 US gal)	0,5 litres (0.13 US gal)	0,6 litres (0.16 US gal)
Air pressure operating range	1,5 to 8 bar (22 to 115 psi)	1,5 to 8 bar (22 to 115 psi)	1,5 to 8 bar (22 to 115 psi)	1,5 to 8 bar (22 to 115 psi)
Solids in suspension max. size	3 mm (1/8")	4 mm (3/16")	6 mm (1/4")	6 mm (1/4")
Maximum dry suction lift ⁽¹⁾	6 m (20')	4,5 m (15')	5 m (16')	5 m (16.4')
Maximum wet suction lift ⁽¹⁾	8 m (26')	7 m (23')	8 m (26')	8 m (26')
Fluid inlet connection	1/2" NPSM (F)	1" BSP/NPT (F)	1" BSP/NPT (F)	1 1/2" BSP (F) and DIN PN-10 DN40 flange or 1 1/2" NPT (F) and ANSI 1" B16.5 150 lb flange
Fluid outlet connection	1/2" NPSM (F)	1" BSP/NPT (F)	1" BSP/NPT (F)	1 1/2" BSP (F) and DIN PN-10 DN40 flange or 1 1/2" NPT (F) and ANSI 1" B16.5 150 lb flange
Air inlet connection	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)	1/2" NPSM (F)
Pump body materials	Aluminium, AISI 316 stainless steel	Aluminium, AISI 316 stainless steel	Aluminium, AISI 316 stainless steel	Aluminium

(1) Data measured with water, 8 bar inlet pressure, 20°C and flooded fluid inlet

(2) Approximate value; real value may vary depending on working conditions, fluid pumped and pump materials.

(3) 1" DIN PN-10 DN25 and ANSI b16 5 1" 150 lb flange.