

SP-QBY · DATA SHEET

Pneumatic Diaphragm Pump

QBY range · air-driven · no electric motor at the pump

Largest model QBY-100: 40 m³/h · head 50 m · particles to 10 mm**Key features**

- Runs on compressed air — suited to flammable, explosive and volatile liquid areas
- Handles corrosive, particle-laden, high-viscosity and toxic liquids, and can pump a tank dry
- Body materials: cast iron, stainless steel, aluminium alloy, engineering plastic or F46-lined
- Diaphragms in nitrile, neoprene, fluororubber or PTFE (F46), matched to the liquid
- Liquid temperature up to 100 °C
- Typical duties: paint and pigment slurries, adhesives, ceramic glaze slip, mine and ship-bilge water, filter-press feed

Specification

Capacity	0.8–40 m³/h
Head	50 m
Suction lift	up to 5 m
Max. particle	10 mm
Drive	Compressed air
Liquid temperature	up to 100 °C

Model table

Model	Outlet (mm)	Capacity (m³/h)	Head (m)	Suction (m)	Max particle (mm)
QBY-10	10	0.8	50	1	1
QBY-15	15	1	50	1	1
QBY-20	20	1.8	50	5	2.5
QBY-25	25	2.4	50	5	2.5
QBY-32	32	5.6	50	5	4.5
QBY-40	40	8	50	5	4.5
QBY-50	50	18	50	5	8
QBY-65	65	24	50	5	8

Model	Outlet (mm)	Capacity (m³/h)	Head (m)	Suction (m)	Max particle (mm)
QBY-80	80	27	50	5	10
QBY-100	100	40	50	5	10

Performance data as published in the source catalogue. Air-supply pressure column of the source table is available on request.

For a quotation, send the model code and quantity to tradingsunton@gmail.com or WhatsApp +86 173 0677 2035.