Cam pumps for clockwise or counterclockwise rotation, but for constant direction of delivery with changing direction of rotation.

With these valveless piston pumps the piston is driven directly via a cam so that only three constantly moving elements are involved. This configuration results in dependable operation and a long service life.

The fluids to be pumped must have enough lubricity for the pump to lubricate itself.

Port tapped for solderless tube connection.

1) The delivery rate depends on the speed, viscosity, suction and delivery head (cf. diagram).

2) The suction head depends on the speed and viscosity.

The diagram shows the delivery rate for a suction head of 0.5 m at 3 bars back pressure for a mineral oil with a viscosity of 140 mm²/s.