

# Advantages of double-action

There are many technical solutions for obtaining a reciprocating double-acting pump.

The double-action of RAASM pumps is obtained with solutions that have simplified the pump mechanism itself, ensuring that delivery of the fluid in both alternating movements (upstroke and downstroke) of the pump occurs only through the difference in volume between the diameters of the pumping piston (A) and the pump shaft (B).

On the **upstroke**, delivery is caused by the **pumping piston (A)**.

On the **downstroke** it is caused by the difference in volume between the diameter of the motor shaft (B) and the diameter of the pumping piston (A).



series 650

36073

36094

36076

36096

Medium/high-viscosity oil

Aluminium

Carbon steel

F 1/4" G

F 1/4" G

F 1/2" G

F 1/2" G

6 - 8

6 - 8

350

350

81

81

240

240

standard on 36076

standard on 36096



suitable for drums  
50-60 Kg

1 - 0,02

6,2

34,5 - 74 - 4,2

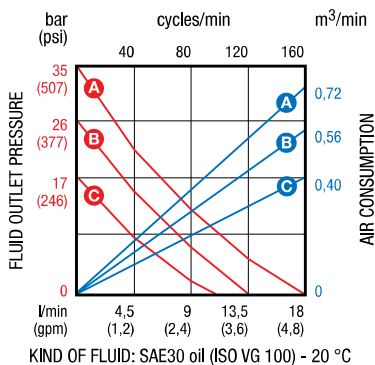
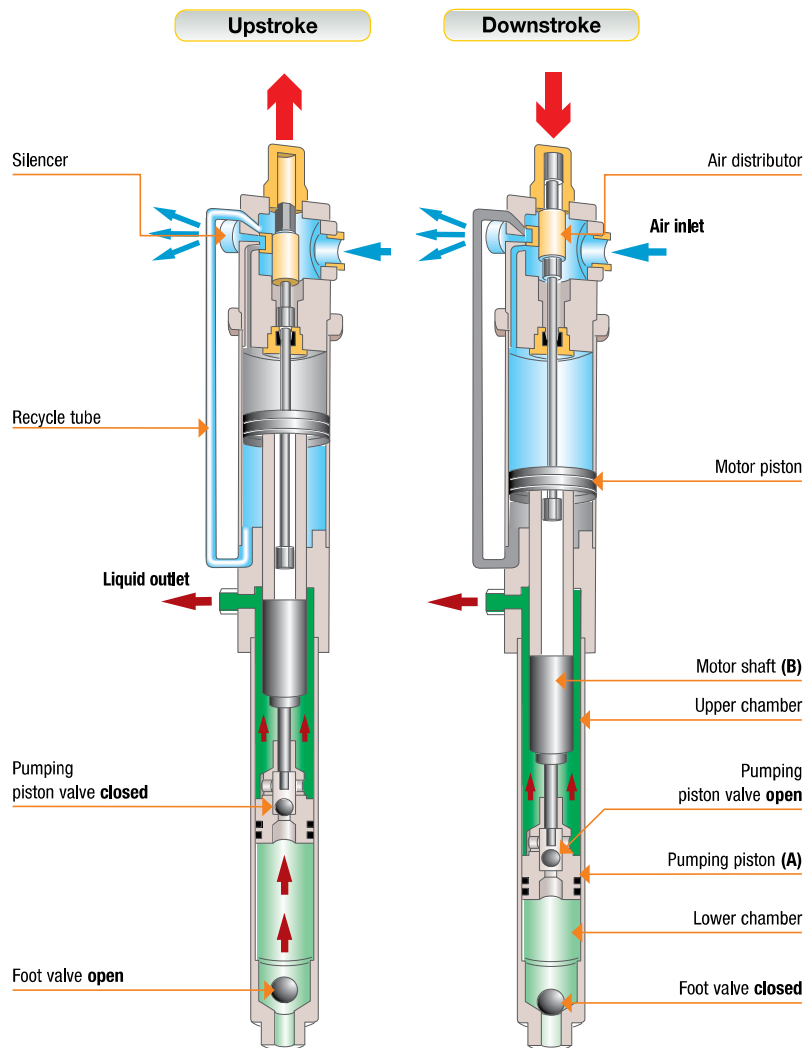


suitable for drums  
180-220 Kg

1 - 0,02

6,8

34,5 - 94 - 4,2



In addition to guaranteeing regular delivery of the fluid, this solution offers the further advantage of having fewer parts inside the pump. This means less wear plus greater and longer reliability.