

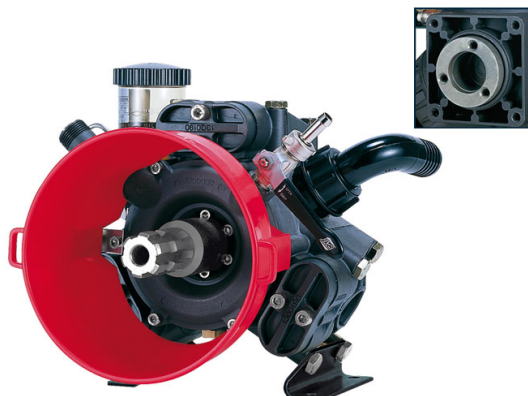
Description

Semi-hydraulic three-diaphragm pump, for use in the semi-professional agricultural sectors. Trolley-mounted in combination with electric motors or internal combustion engines for gardening, and small sprayers for medium-pressure pesticide treatments in gardens, greenhouses, orchards or vineyards.

Parts in contact with pumped liquids in anodized aluminium, and AISI 303/304. Diaphragms in NBR. Seals in NBR. Die-cast casing with oil-immersed mechanism and clear plastic tank for visual level checking. Remote level monitoring sensor on request. Remote oil tank installation kit available on request. Oil drainage stopper. Pistons with ring for a more efficient "oil cushion" system to protect the diaphragm.

New-design diaphragm cut-out system to prevent contact tearing even in heavy-duty operating conditions. Spherical sector profile valves for lower flow resistance and improved volumetric efficiency. Mass-produced safety valve and cardan protection. Metal fasteners with galvanised finish.

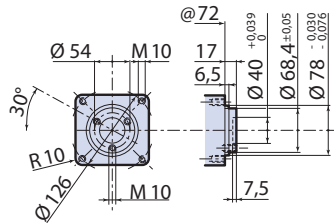
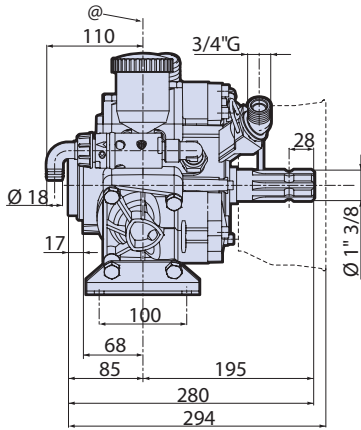
Available with reduction gearboxes for electric motors or internal combustion engines and flanges for hydraulic motors, hydraulic pumps, overgears or small cultivating machines.



Details	Value
ARCode	509
Category	Anodized Medium Pressure
Product	AR 503 AP
Version	C/SP
Number of diaph	3
Delivery (l/min)	54,1
Delivery (gpm)	14,3
Pressure (bar)	40
Pressure (psi)	580
Power (hp)	5,6
RPM	550
Weight (kg)	11,5
Dimensions (mm) L	275
Dimensions (mm) H	274
Dimensions (mm) W	294
Suction (mm)	ø 30
Outlet (mm)	ø 3/4 " G(M)
Temperature Max °C	60

Technical drawing of the AP C/SP engine. The drawing shows the engine from a front-three-quarter perspective. Key dimensions and features include:

- Overall height: 274
- Height to the top of the carburetor: 150
- Height to the center of the cylinder: 124
- Overall width: 275
- Distance from the left side to the center: 132
- Distance from the center to the right side: 143
- Distance from the center to the right side of the cylinder: 167
- Carburetor inlet diameter: $\varnothing 30$
- Carburetor outlet diameter: $\varnothing 10$
- Cylinder diameter: $\varnothing 11$



@ = Pump axis - Asse pompa