

AP type automotive chassis lubrication pump

The AP type grease pump is built for centralised chassis lubrication on vehicles, and runs directly from the vehicle's own DC supply rather than from mains power. AP-31-300X takes DC 12V and AP-32-300X takes DC 24V; both draw 40 W and deliver 260 mL/min at a working pressure of 3.5 to 3.8 MPa.

The reservoir holds 3 L (about 3 kg of grease) and is moulded in polycarbonate, so the level can be read without opening the unit. A level switch is fitted as standard, and the pump has a built-in pressure take-off mechanism. The housing is rated IP55 against dust and water, for mounting on a chassis rail where it is exposed to road spray.

The pump takes NLGI 000# to 0# grease and connects through an M16 × 1.5 outlet to ø10 pipe. It pairs with AD, RH-3 or 35 type volumetric distributors, or with U-shape and SD progressive distributors, to feed each lubrication point on the chassis.

The AP type is used on buses, trucks, trailers and engineering machinery, where the alternative is greasing a large number of chassis points by hand.



AP-32-300X (DC 24V)



AP-31-300X (DC 12V)

Specifications

Model	Discharge capacity	Working pressure	Reservoir capacity	Voltage	Lubricant	Outlet pipe size
AP-31-300X	260 mL/min	3.5–3.8 MPa	3.0 L	DC 12V	NLGI 000#–0#	M16×1.5 (ø10 pipe)
AP-32-300X	260 mL/min	3.5–3.8 MPa	3.0 L	DC 24V	NLGI 000#–0#	M16×1.5 (ø10 pipe)

Common to every model

Motor power	40 W
Reservoir material	Polycarbonate (PC)
Reservoir capacity	3 L, approximately 3 kg of grease
Level switch	Fitted as standard
Pressure take-off	Built in
Protection rating	IP55

Model number

The manufacturer gives AP-32-300X as the worked example: a grease pump with a discharge capacity in the 200 to 300 cc/min band, DC 24V supply, a 3 L reservoir, and a built-in pressure take-off mechanism and level switch.

Segment	Meaning
AP	Automotive chassis grease pump
3	Reservoir capacity in litres
1 or 2	Supply voltage — 1 is DC 12V, 2 is DC 24V
300	Discharge capacity band, 200 to 300 cc/min
X	Built-in pressure take-off mechanism and level switch

The voltage digit is read from the two catalogue models, AP-31-300X and AP-32-300X. Confirm any build outside these two with us before ordering.