

ZD Type Middle Pressure Piston Grease Pump

ZD series

Vehicle-mounted piston grease pump rated 18 MPa, with one to three piston mechanisms each delivering 1.2, 2.4 or 4.0 ml/min.

	RATED PRESSURE 18 MPa (180 kgf/cm²)	DISCHARGE PER SET 1.2 · 2.4 · 4.0 ml/min
	RESERVOIR 2 · 4 · 6 · 8 L	SUPPLY DC 12 V / 24 V

HOW IT WORKS

Built on the motor-driven piston grease pump platform with a vehicle-mounted controller — a remote controller is optional — and rated at 18 MPa, between the low pressure AP and the high pressure ZJ.

One to three piston mechanisms can be fitted, each specified at 1.2, 2.4 or 4.0 ml/min. An oil scraper releases air from the grease as the paddle turns. Pressure and liquid level switches allow long-distance monitoring.

Combined with a DX mono-block progressive distributor or an SD2 modular block progressive distributor, it injects a quantitative charge of grease within the injection time to each lubrication point.

SPECIFICATION

Type	Middle pressure piston grease pump
Rated operating pressure	18 MPa
Oil tank	2 L · 4 L · 6 L · 8 L
Material of oil tank	PC
Piston mechanisms (outlets)	1 to 3 sets
Discharge per piston mechanism	1.2 · 2.4 · 4.0 ml/min
Used lubricants	NLGI 000# – 2# grease · mineral oil 40 mm ² /s
Paddle rotation	Counterclockwise
Operating voltage	DC 12 V / 24 V
Operating rotary speed	22 r/min

Idling current	0.2 A at +20 °C
Full-load current	1 A at +20 °C
Fusing current	3 A
Protection rating	IP65

ZD TYPE MIDDLE PRESSURE PISTON GREASE PUMP

AMAG-DS-ZD-01 · SELECTION & ORDERING

MODEL SELECTION

CONTROLLER OPTION	DESCRIPTION
Without controller	Cycle controlled by the PLC of the main equipment
Time-programme controller	Run and interval set on the pump
Time-travel controller	Cycle driven by distance travelled
Vehicle-mounted controller	Cab-mounted; remote controller optional

DIMENSIONS Ask us for the dimensioned drawing before machining a mounting.**APPLICATIONS**

Heavy-duty trucks
Forging machine tools
Injection moulding machines
General industrial machinery

SYSTEM PAIRING

DX mono-block progressive distributor
SD2 modular block progressive distributor
High pressure hose rated above 18 MPa

CHECK BEFORE ORDERING 18 MPa, not 30. Do not substitute a ZD for a ZJ on a circuit designed around 30 MPa.
Discharge per piston mechanism is fixed at manufacture. Specify 1.2, 2.4 or 4.0 ml/min per outlet on the order.

ORDER THIS PART**+91 73976 31796**

WhatsApp the model code.

EMAIL & WEB

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amagcnc.com

WARRANTY

One year against manufacturing defect from date of invoice.

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