

PJ Series Motor-Driven Grease Pump

PJ-20x03 ... PJ-20625

Tank-type grease pump supplied in two builds — with pressure relief for volumetric circuits, without it for progressive circuits.

	RATED PRESSURE 8.0 MPa	DISCHARGE 20 mL/min
	GREASE NLGI 000# – 1#	TWO BUILDS With / without pressure relief

HOW IT WORKS

Which build you order decides which distributor the pump can drive. Without the pressure relief mechanism, the PJ feeds progressive distributors — SDA, SD and DX series, and the U-shaped integrated block. With the pressure relief mechanism, it feeds positive volumetric distributors — 35 type, DK, AD and RH-3.

A pressure regulating valve sets the working pressure and protects the pump. A bleed valve clears air from the pump cavity so that delivery starts clean rather than on a compressible slug of trapped air.

The tank uses a pressure floating platform, which draws grease down without leaving it to settle when a packed vacuum cartridge is used, and can carry a low-level alarm switch. Cycling is driven by the machine's PLC or by a dedicated pump controller.

SPECIFICATION

Nominal pressure	8.0 MPa
Nominal flow	20 mL/min
Reservoir	0.3 • 0.8 • 1.5 • 2.5 L
Motor	AC 220 V • AC 380 V • DC 24 V
Motor power	AC 25 W / 40 W • DC 30 W
Type	Motor-driven tank-type grease pump
Builds	Without pressure relief (progressive) • with pressure relief (volumetric)
Grease used	NLGI 000# – 1# – calcium, sodium, lithium, EP complex lithium, graphite calcium
Control	Machine PLC or dedicated pump controller

Safety	Pressure regulating valve · bleed valve
Tank	Pressure floating platform, vacuum cartridge compatible
Monitoring	Low level switch, on request

PJ SERIES MOTOR-DRIVEN GREASE PUMP

AMAG-DS-PJ-01 · SELECTION & ORDERING

MODEL SELECTION

MODEL	RESERVOIR	MOTOR	H × L × D (MM)
PJ-20x03	0.3 L	AC 220 / 380 V	260 × 229 × Ø65
PJ-20x08	0.8 L	AC 220 / 380 V	270 × 245 × Ø108
PJ-20x15	1.5 L	AC 220 / 380 V	330 × 245 × Ø108
PJ-20x25	2.5 L	AC 220 / 380 V	330 × 307 × Ø150
PJ-20603	0.3 L	DC 24 V, 30 W	260 × 167 × Ø65
PJ-20608	0.8 L	DC 24 V, 30 W	270 × 183 × Ø108
PJ-20615	1.5 L	DC 24 V, 30 W	330 × 183 × Ø108
PJ-20625	2.5 L	DC 24 V, 30 W	330 × 245 × Ø150

Every model is 8.0 MPa at 20 mL/min — only the reservoir, the motor and the envelope change. These codes are stems: the manufacturer prints them as PJ-20□03□□, where the first position is the AC motor and the trailing pair set the pressure relief valve and the low level switch. It marks those three as options without printing their characters, so confirm the full code with us on order. The DC rows carry a literal 6 in the motor position, which is why they read as complete.

DIMENSIONS H, L and D are in the model table. Ask us for the dimensioned drawing before machining a mounting.

APPLICATIONS

Die casting equipment
Pressing machines
Plastic injection moulding machines
CNC machines and machining centres
Buses, robots and construction machinery

SYSTEM PAIRING

SDA / SD / DX / U-shaped progressive distributors — build without pressure relief
35 type, DK, AD, RH-3 distributors — build with pressure relief
NKGH-1804 manual pump for filling

CHECK BEFORE ORDERING State the distributor type on the order. A PJ without the pressure relief mechanism will not cycle a volumetric distributor, and the mechanism is not a field-fit part.
Specifying the low level switch adds 45 mm to the H in the model table. Check headroom before mounting to a fixed enclosure.

ORDER THIS PART

+91 73976 31796

WhatsApp the model code.

EMAIL & WEB

mail@amagcnc.com
amagcnc.com

WARRANTY

One year against manufacturing defect from date of invoice.

AMAG CNC Technology · No 604C, MTH Road, Mannurpet, Chennai, Tamil Nadu 600 050, India
Specifications are the manufacturer's and are subject to change without notice. AMAG-DS-PJ-01 · Rev A · August 2026.