

KA6133

Propelled Droplet Grease Nozzle

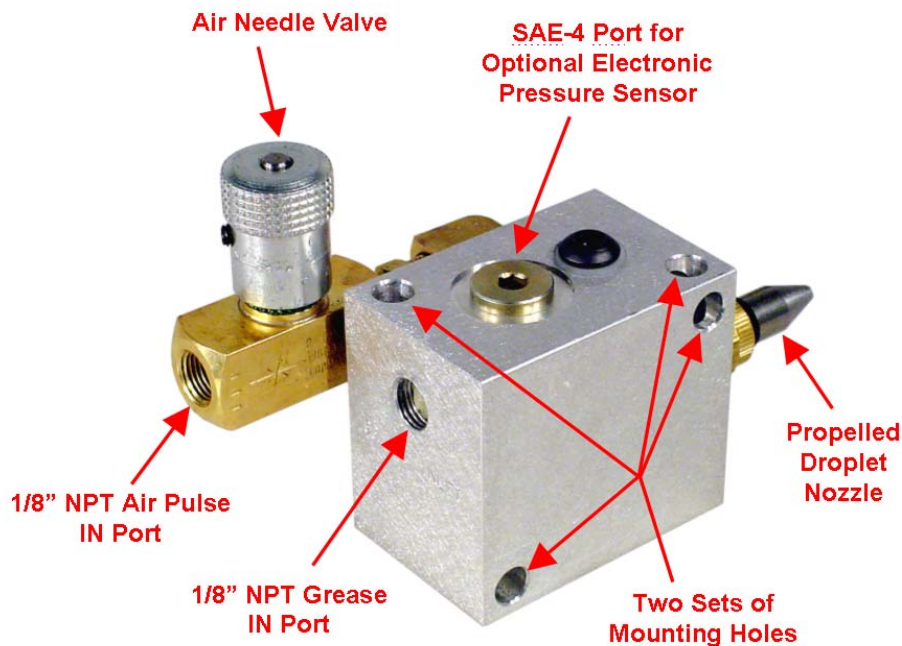
- Accurately propels measured droplets (globs or shots) of grease more than 4 inches
 - Can eliminate complex and expensive motions
 - Not a spray nozzle – grease exits nozzle as a glob and is deposited as a glob
 - Eliminates buildup on nozzle tip and keeps grease parts from sticking to nozzle
 - Can include grease pressure sensor to confirm grease flow
- Distance of nozzle from part is not critical

~~EXTRUDE~~

~~SPRAY~~

PROPEL

KA6133 propelled droplet nozzle for use with or without EPS1001 pressure sensor includes needle valve and nozzle tip for propelling between 0.065 and 0.294 cc of grease per shot. Block has 1/8 NPT grease inlet port and includes two sets of 9/32" diameter mounting holes. Sales drawing is KA6133



Grease Amount shown is 0.25 cc



Other view of propelled droplet nozzle

TYPICAL SEQUENCE OF OPERATION

1. Dispense the required amount of grease to IN port of nozzle block via positive displacement dispenser (during machine dwell time) to load nozzle
2. Provide a 50 millisecond pulse of compressed air to IN port of needle valve to propel grease droplet onto part

Note: Adjust air pressure of pulse to 60 p.s.i. and needle valve to a setting that will propel grease without spraying or spattering

Nozzle shown is designed for 0.25 cc. Many other size nozzles are available

See CAT-GPMD1500withKA6013 and GPMD1501 for grease dispenser information

See CAT-EPS1001 for how pressure sensor can confirm grease flow

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