

Drum Reservoir Access Manifold Datasheet

Drum RAM | Part number: DT200S

Mounts to hydraulic drums and totes using the standard drum bung mount.

Features

- Threaded Air Breather Replacements
- 4 FUNCTIONS IN 1
- Breather, Suction, Return, Overflow

Air Breather | The Double Tube Drum RAM has a 1/2" female pipe thread breather port located in the rear of the body to accommodate your choice of an air breather.

Suction | A 1" suction tube (not supplied) can be inserted through the top or bottom of the cartridge depending on the tube being bent or straight. A straight suction tube can be expelled if the drum or reservoir is pressurized. The tube can be any length allowing the suction tube to reach the bottom of the drum or reservoir for maximum efficiency. The cartridge suction tube hole is slanted at 4 degrees from vertical to locate the suction tube to the outer edge of the drum. There's an indicator mark on top of the cartridge to help with positioning the tube to maximize oil removal.

Return | A 3/4" x 3-1/2" long beaded return tube is inserted and secured with epoxy into the bottom of the cartridge. The tube is bent 10 degrees to separate the suction and return flows. Users can attach a return hose (not supplied) to reach the bottom of the drum.

Overflow | The overflow port allows access to the drum air space. In an overflow situation the air space is filled with fluid and can over pressurize the drum or reservoir. When the overflow port is connected to another tote, drum or reservoir the fluid has an escape route preventing over pressurization. The overflow port is located opposite the return port in the body.

Specifications

Body material	Anodized aluminum 6061
O-ring/gasket material	NBR
Port thread type	SAE female O-ring / FNPT US
Port sizes	Breather 1/2" FNPT Suction 1" OD tubing Return/overflow 3/4" SAE female
Down tubes	Carbon steel

Dimensions



Schematics

