
Barrel Description

Model	ATB6 9200-1, Aluminum, Elliptical, Tapered, Baffled, D.O.T. 406 trailer
Code	DOT 406
Capacity	9200 gallons (up to +3% tolerance, 60 gallons minimum)
Compartments	One
Shape	Elliptical, tapered, baffled.
Shell Material	Aluminum, .204" bottom, .180" top and sides.
Head and Baffle Material	Aluminum, .250" and .190"
Operating Pressure	3.3 PSIG
Design Temperature	125 Degrees F.
Overall Length	43'4"
Product	7.5 # per Gallon

Other Barrel Information

Material Finish	Bright mill finish.
Weld finish	W-0 inside

Construction

Rings	No Rings installed.
Frame	Front to rear aluminum framing. Standard width, Outriggers and pads at front and rear outrigger at landing gear, outriggers as needed to mount accessories.
Dam Drains	Drains through ladder rails.
Overturn Protection	Overturn Protection, full length structural aluminum extrusion each side on top, dams front and rear with transverse, curbside rail doubles as vapor rail.
Manhole	Betts PPVL816BX, 16" zinc plated steel cover with 10" offset fill. Includes vapor and sensor holes. Includes 6496ALB, pressure / vacuum vent mounted in 10" relief valve cover.
Gasket	Buna-N gasket in cover

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Splash deflector	Aluminum, deflector installed over emergency valve.
Capacity indicator	None
Static cable	1/8" stainless steel ground wire from manhole to bottom of tank.

Hose Carriers

* Hose Carrier	Aluminum trough 4" high x max width x full length of barrel with brackets. Hose trough doubles as fenders on one side of trailer. Includes 1/4" X 1 1/2" heavy duty straps.
* Carrier Location	Mounted curbside

Lights and Wiring

Lights	12-volt, Truck-Lite grommet mount LED lamp system complying to FMVSS. Combination center marker / turn signals, one each side.
Wiring	Plug-in style harness system.
Rear Lights	Enclosed in stainless steel light boxes
Nose box	Standard 7 way, J560 receptacle with out circuit breakers.
Gladhands	Gladhand, Phillips, Quick Release

Undercarriage

Upper 5th Wheel	5/16" Standard duty upper coupler with Heavy duty A.A.R. style double hubbed kingpin.
Paint	Fifth wheel plate painted black.
Landing Gear	Jost A440, 2-speed, load bearing, telescopic, with swivel type sand shoe.
Frame	Welded aluminum construction, load bearing.
Bracing	Stainless steel, with cross brace.
Crank location	Crank handle located on roadside
Tire carrier	None.
Suspension	Hendrickson INTRAAX AANT23K tandem axle with 5.75" diameter Hendrickson integrated axles. Axle spacing to be determined by scale.
Lift Axle Control	None - no auto lift controls included
Dump valve	No dump valve installed
Hangers	Galvanized hangers with soft coat applied to axle and trailing arm. For use on aluminum subframe with bolt-on hangers.
Subframe	Aluminum subframe, 38" wide, AANT hanger provisions with aluminum fender supports..
Bumper	D.O.T. code, aluminum, straight, weld-on bumper.
Under-ride Protection	None (no under ride required, Wheels back exempt.)
Tire carrier	None. No tire carrier installed.

Beam	Straight axle beam
Track	AXLE 71.5" TRACK
Hub & drums	Hendrickson 5 year warranty, Ready to roll with Duralite hubs, cast drums and semi-fluid grease. OEM slack adjusters, seals, brake chambers and brake lining.
* Anti-lock / Roll stability	Wabco 4S/2M. Standard roll stability system deleted, per customer request. Wired to auxiliary blue circuit.
Air system	Two (2) aluminum tank system. 2800 cu. in. each, meeting FMVSS 121 D.O.T. specifications.
Emission Compliance	NA
Wheels	Original Equipment Manufacturer, 22.5 X 8.25 Aluminum polished wheels
Tires	Original Equipment Manufacturer, 11R-22.5, Load Range G 14 Ply.
Tire pressure system	No tire pressure system included.
* Front	Single contour ribbed front fender. Mounted one side of trailer, hose trough doubles as fender.
* Rear	Double contour ribbed rear fender. Mounted one side of trailer, hose trough doubles as fender.
Mud flaps	White, anti-sail and anti-spray with Polar logo, mounted front and rear.

Valving and Piping

Seal provisions	None
Sump	4" aluminum drain pocket
* Emergency Valve	Betts 4" EV46455ALTS, 90 degree aluminum, internal, air operated, tapered Teflon seat and victaulic outlet. External air cylinder. To simplify piping, a straight valve may be used in place of an elbow style.
* Emergency Valve Operator	Betts Air Control kit includes master control push/pull incorporated into air distributor. One emergency trip located roadside, front of tank. (AD14PP1ALFS)
* EVO Lines	Air tubing
* EVO Location	Mounted in EVO portion of large cabinet.
Pipe	4" aluminum schedule 10 pipe, with large radius elbow, ending curbside center at aluminum locator bracket with flanged outlet.
Discharge location	Curbside of trailer.
* Outlet valve	Dixon/Bayco openable API adaptor with aluminum handle and sight bubble. #5204. Specify qty.
* Adaptor	Dixon Bayco 4" aluminum male gravity drop adaptor(s) with cap(s) and chain(s), Baylast seal. #4540.

Interlock

Interlock bar	No interlock bar installed.
* Interlock valve	3 Bayco #5000AI air interlock valve with round button.

Note: One located on API adaptor, one on rear vapor outlet, and one vapor outlet at discharge area.

Venting and cleanouts	
Cleanouts	2 3" aluminum threaded nozzle
Caps	2 3" T316 solid cap
Walkway and Ladder	
Top center	Non-skid tape, full length of barrel between overturn rails.
Ladder	Aluminum tubular walk through, with serrated rungs and large step, and integral grab handles.
Ladder Location	Mounted at rear head, centered. With step below bumper.
Cabinet	
* Cabinet	Aluminum cabinet 32" high X 48" wide X 26 1/2" deep, three door, two compartment cabinet. Two doors on the fitting compartment and one door on the emergency valve operator compartment, held open with gas operated door stays. Note: Mounted curbside, ahead of suspension.
Overfill system	
* Overfill system	Dixon Bayco, Flo-tech FT208-390PGSO, Checkmate Plug-n-Play two wire system, with one top optic sensor (per compartment). Includes dual socket box (optic and thermistor sockets with internal ground bolt and pressure switch wired to auxiliary. System has complete plug-in harness. Monitor and sockets on one panel. Note: Sockets and monitor mounted in cabinet.
Vapor Recovery	
Provisions	3" pipe stubs in curbside overturn rail, near manhole.
* Vent	3.5" Betts #AVT3.5ALTS sequential vents, air operated for 16" manhole. Plumbed to Emergency valve operator. Threaded.
* Line	4" aluminum pipe, through barrel with shear section, with one outlet to curbside over rear of rear fender and one outlet curbside 15" to rear of discharge valve area.
* Adaptor	2 Bayco 4" x 4", vapor recovery adaptor, with poppet and interlock mount. Threaded. #VR4100. Specify qty.
* Cap	2 Bayco 4" orange nylon vapor cap, with chain. #VR4050PL. Specify qty.
Miscellaneous	
Decals	Standard warning and safety package. Decals in English.
Conspicuity Tape	Discontinuous tape
Customer Logo	None
Document holder	Truck Lite 97960 Certificate Holder. Install in standard location unless otherwise specified.
Calibration	Computer generated theoretical calibration chart, 1/4" increments. Based on innage.

* Placards	Four Aluminum slide-in on brackets, one mounted each side of trailer.
Paint	None. No paint or primer installed on trailer.
Fire Extinguisher	None
Warranty	Polar standard two year.
Tests	Standard testing.
Drawings	None.