

MINE DEWATERING PUMP

THE CHALLENGE

The Customer was using 2" Air Operated Diaphragm Pumps for their mine dewatering application at their gold mine site. The solid content in the water was causing the ball check valves not to seat, this hold up caused the pump to stall out which halted production.

THE SOLUTION

Our Mining Application Expert - Barry Norrish - met with the Customer to investigate the challenges they were having. It was determined that the ball check pump that was being used could not handle some solids larger than 1". Barry recommended the T810 - this 2" Wilden BRAHMA Flapper Pump can pass 2" solids, use less parts, and since the flapper opens and closes like a door, there is reduced wear.

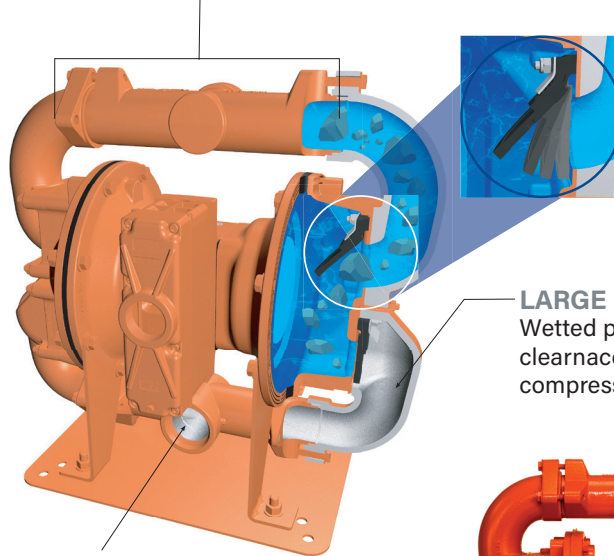
THE RESULTS

- ▶ Improved Uptime
- ▶ Reduced Service & Maintenance Costs

For more information on this solution or if you have a fluid handling challenge of your own - Contact a John Brooks Company Application Expert today!

ROTATABLE INLET AND DISCHARGE

Rotatable inlet and discharge to help meet application requirements - 3 positions at 90° - available in threaded or flanged connections.



FLAP VALVES

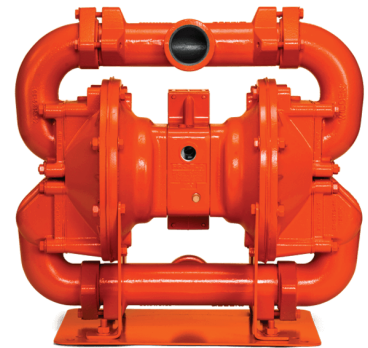
AODD pump designed with flap valves to help handle large solids up to 3" (76 mm).

LARGE INTERNAL CLEARANCE

Wetted path with large internal clearance to further help handle compressible solids up to 3" (76 mm).

TOP INLET, BOTTOM DISCHARGE

Brahma Series is designed for top inlet and bottom discharge, pushing solids directly out, protecting the pump when solids settle. Additionally, Brahma Series pumps can handle suction lifts up to 25.0' (7.6 m) Dry and 30.6' (9.3m) Wet.




MINING | DEWATERING


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TECHNOLOGY UTILIZED

[Wilden T810 2" BRAHMA Pumps](#)

HOW IT WORKS

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The flap-valve design that features a large internal clearance and a flow-through wetted path, the Brahma offers a large-solids capacity that prevents the pump from clogging.
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Designed for top inlet and bottom discharge, pushing solids directly out, protecting the pump when solids settle. Can handle suction lifts up to 7.6 m (25.0') Dry and 9.3 m (30.6') Wet.