

ProVac® Ultra SONIC Valve



Piloted by the diecasting machine

Huge power - Low price

Evacuation of a new dimension, more than 4 big chill-vents together

Huge power and still incredibly compact in size

Fewer parts than other valves and reduced maintenance

Robust and reliable for years

Beyond reach for any other valve for value and performance

For diecasting machines of 6'000 - 45'000 kN

The ProVac® Ultra SONIC vacuum-valve is another milestone of the succes-story of ProVac® Ultra Valves piloted by the diecasting machine.

This valve type with international patents for the novel design of construction and mechanism is piloted by a programed signal from the diecasting machine sent to the electro-pneumatic ProVac®HS-Valvepilot. The valve will close accurately again and again within milliseconds.

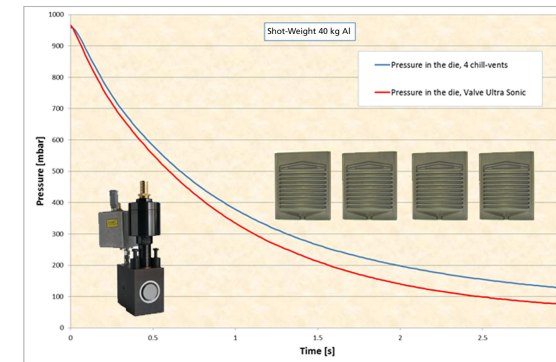
The ProVac® Ultra SONIC valve only needs a runner-plate on the mobile side of the die which may be made in your works or supplied by VDS on request. Your diecaster will appreciate its extreme reliability and robust long-life-mechanism increasing his productivity and lowering the maintenance-cost, and your purchaser will like the added value at an attractive price.

Available in standard sizes or "tailor-made" responding to your specific needs.

Quality, Creativity, Efficiency. Genously simple. Know-How... For You!

ProVac® Ultra SONIC Vacuum Valve

Evacuation Capacity of 1 ProVac® Ultra SONIC Valve compared to 4 large Chill-Vents



1 Ultra SONIC Valve (red curve):
Aspiration Gate-Section 400 mm²
100 mbar in 2.5 seconds

4 large Chill-Vents (blue curve):
Aspiration Gate-Section 480 mm²
100 mbar in 3.8 Seconds

Shotweight 40 kg Al (approx. 30 Litres to evacuate)

The projected area of 1 ProVac® Ultra SONIC valve is 16 times smaller than the total projected area of 4 large Chill-Vents together! **This is significant for the size of the die-casting-machine!**

