

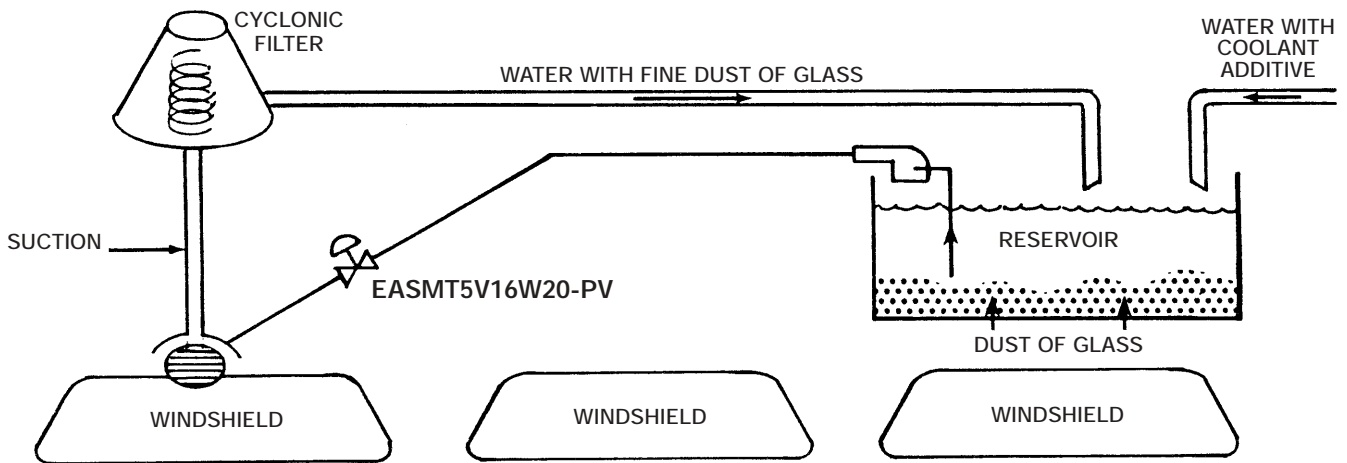
MARKET Glass (Automobile Windshields) Grinding

PRODUCT(S) Series EASMT5V16W20-PV Solenoid Valve

REQUIREMENT To provide abrasion resistant multi-million cycle shutoff for cooling water to grinders.

PROCESS FLUID(S) Water with Fine Dust of Glass

INLET PRESSURE/TEMPERATURE 30 PSI / Ambient



An automobile windshield manufacturer uses a grinder in the finishing process, resulting in the creation of a fine dust of glass. A cyclonic filter and reservoir take out most of the dust, but a small percentage is left in suspension. This manufacturer had tried a variety of valves (including pinch valves

whose spools/liners had to be replaced ever 4 months), prior to the Teflon® Bellows Series EASMT Solenoid with little success. The Plast-O-Matic solenoid has now been in service for 1½ years, providing approx. 2,000 cycles per day (approx. 1.1 million cycles) without the need for any maintenance.

NOTE: Bulletins are intended only to show possible applications of Plast-O-Matic products and are not design recommendations for a system or its safety. See statement of limitations in front of manual.