

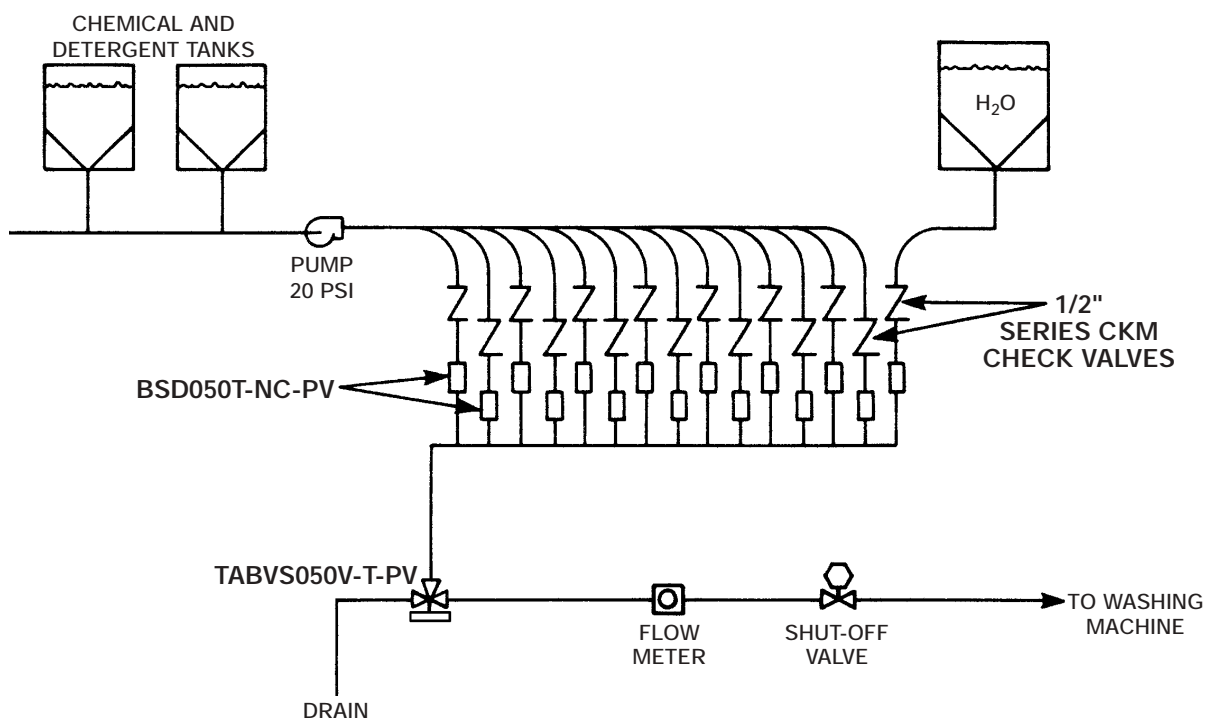
MARKET Chemical Distribution

PRODUCT(S) Series BSD050T-NC-PV, TABVS050V-T-PV and CKM050V-PV

REQUIREMENT To provide chemically compatible pneumatic control valves for chemical distribution.

PROCESS FLUID(S) Acids, Caustics, Detergents and Water

INLET PRESSURE/TEMPERATURE 20 PSI / Ambient



A clothing/blue jean manufacturer had experienced recurring seal problems in valving due to the wide variety and number (15) of chemicals used in the processing of designer and stone-washed jeans. As the jeans are processed (washed) different chemicals are required at different stages (softening, bleaching, etc.). Utilizing air pilot solenoid valves, the BSD's are opened to supply the correct volume

of chemical as determined by the flow meter. After the proper volume of chemical has been dispensed the 3-Way Ball Valve (TABVS) and the water rinse BSD Valve actuate to flush the manifold and prepare for the next cycle. The BSD Valve was selected for its totally inert PTFE diaphragm seal, compact size and all plastic construction.