

Modular system of air-operated pinch valves

AKO Armaturen & Separationstechnik, Trebur-Astheim, Germany, has launched the new modular VMC series of air-operated pinch valves which is based on a four-part composition: pinch valve housing, pinch valve elastomeric sleeve and two connecting covers. The elastomeric sleeve is centred in the housing and clamped at both ends with the connecting covers. With a differential pressure of only 2-2.5 bar into the housing, the special elastomer pinch valve sleeve is folded into a lip shape and seals/shuts off the valve passage. The multi-functional modular design allows a flexible exchange of the two housings in either aluminium or stainless steel and a wide variety of different end connection options. A choice of 12 different qualities of the elastomer pinch valve sleeve allows a very broad and almost unlimited field of applications.

Provisionally the VMC series is available in sizes DN010 through to DN065, but this will be extended up to DN150 diameter by end of 2012. Thanks to efficient construction, a weight reduction of up to 50% has been achieved compared with earlier models. Easy assembly and disassembly allows any customer on site to re-sleeve these pinch valves within minutes without need for special tools. Another important design feature is the straight-through bore with no dead-spots or crevices between the rubber sleeve and the end covers. An absolute tight seal of the product flow with non-clogging is guaranteed, even with solids. www.pinch-valve.com



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