

PARTNER NOT JUST SUPPLIER.

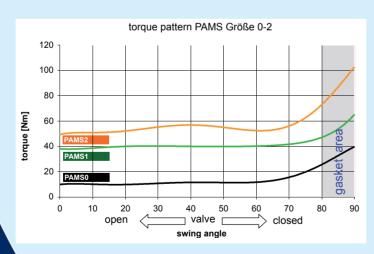
More success with M&S products:

New actuators PAMS size 0, 1 and 2

Our pneumatic actuator M&S size 0 "PAMS 0" had successful start of production. As a result of enhancements and consequent improvement we present the <u>PAMS</u> 2 actuator. This product is <u>more compact</u> than its forerunner. Due to the <u>enormous raise of torque</u> our "mega-actuator" PAMS size 3 is dispensable now. We <u>optimised</u> our <u>major actuator</u> <u>PAMS 1</u> with experiences of developments of actuators sizes 0 and 2. PAMS 1 is characterised by a <u>compact construction</u> and a <u>raised</u> <u>torque</u> as well – achieved by optimised construction type of rotor. Thereby cylinder capacity reduced and in series <u>air consumtion</u>



decreases per cycle of upstroke for 50 % by comparison to the forerunner. Thus energy will



be <u>saved</u> in automatic production process. Unnecessary air consumtion by oversizing can therefore be avoided. All tree <u>actuators</u> are <u>smaller</u> than forerunner models. They need <u>fewer air</u> but for all that they have a <u>higher torque</u>.

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