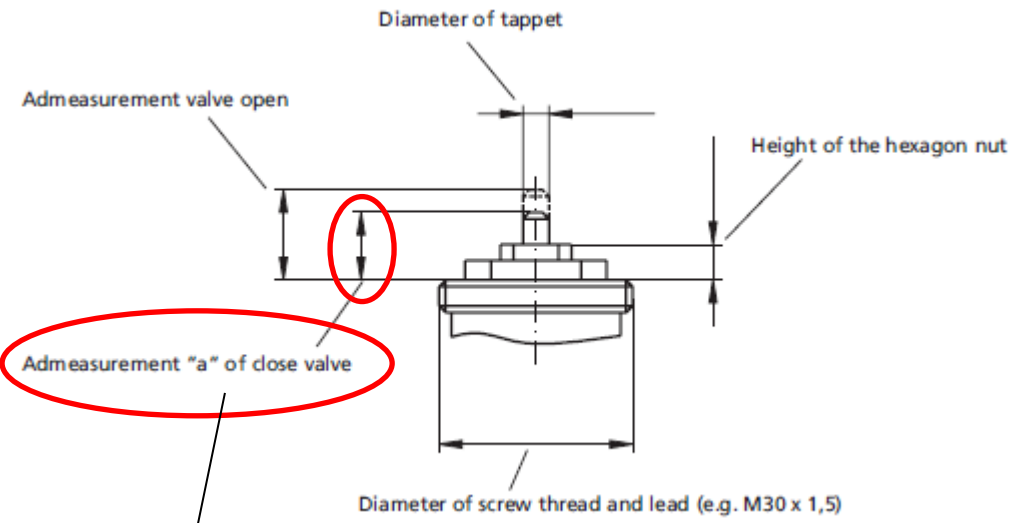
Möhlenhoff
Future Through Ideas

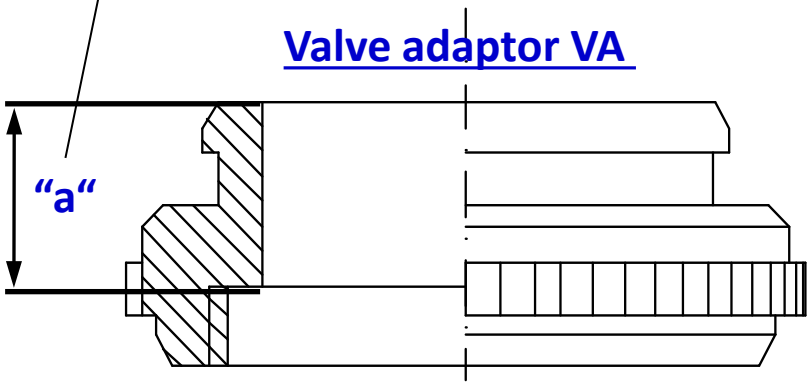
Actuators

VA valve adaptors

Relevant Valve Dimensions for VA-adaptors



Valve adaptor VA



The right adaptor for a certain valve has the actuator closing measurement "A"

a – 0,5 mm = A

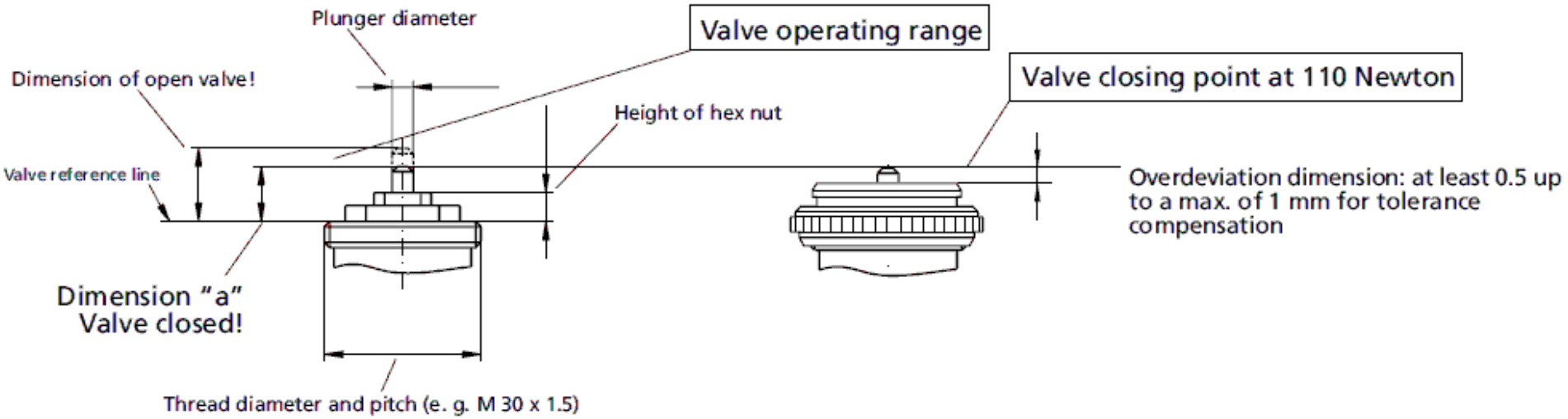
at least „-0,5 mm" is to secure the application (closing the valve) even after some years, when i.e. rubber sealing is getting weaker or to compensate tolerances.

The closing position of the actuator is at least 0,5 mm lower than the valve´s closing position. Because the valve stops the actuator movement, the function indicator is slightly raised in the closing position (NC).

"A" of different common valve adaptors:

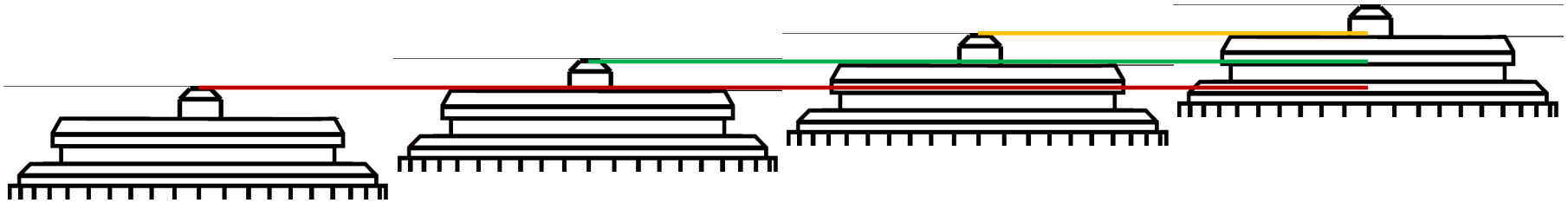
VA 50	10,00 mm
VA 80	10,50 mm
VA 10	11,00 mm
VA 90	11,50 mm

Adaption determination



VA / Valve comparison

(0,5 mm hight difference)



VA 50
A = 10,00 mm

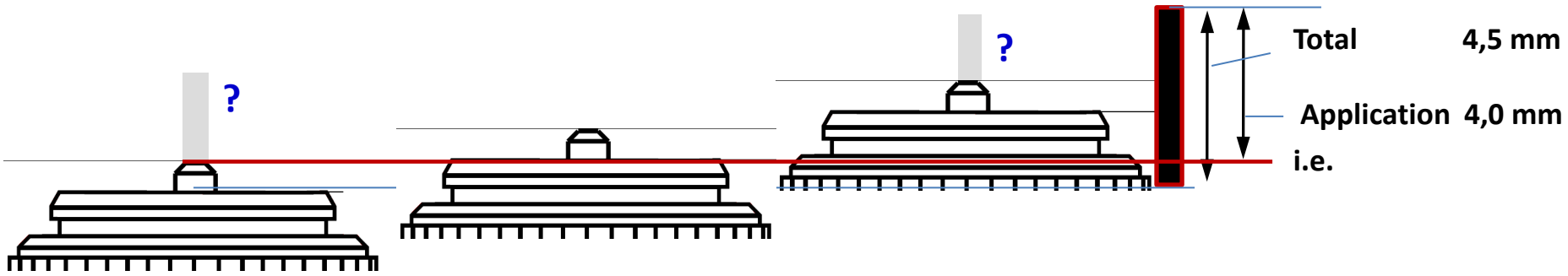
VA 80
A = 10,50 mm

VA 10
A = 11,00 mm

VA 90
A = 11,50 mm

Valve / actuator stroke

Actuator stroke



VA 50
A = 10,00 mm

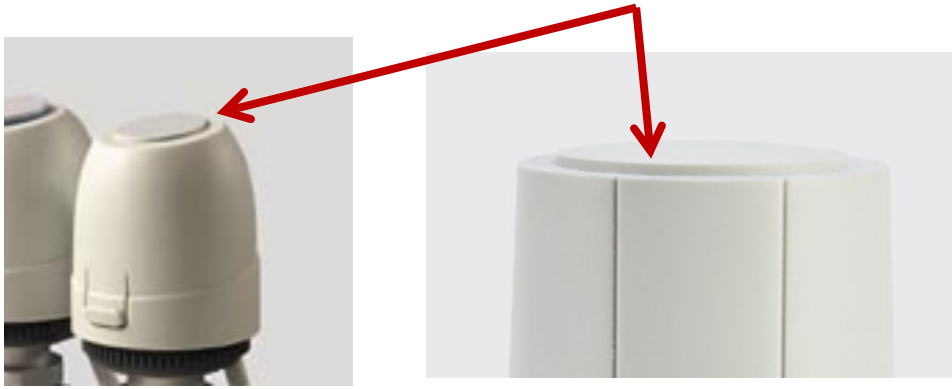
VA 80
A = 10,50 mm

VA 90
A = 11,50 mm

Stroke

If the adaption is right, the **4,00 mm** actuator offers at least 3,5 -3,0 **stroke** to open the valve. The function indicator of the actuator is slightly raised in the closed position – 0,5 – 1 mm.

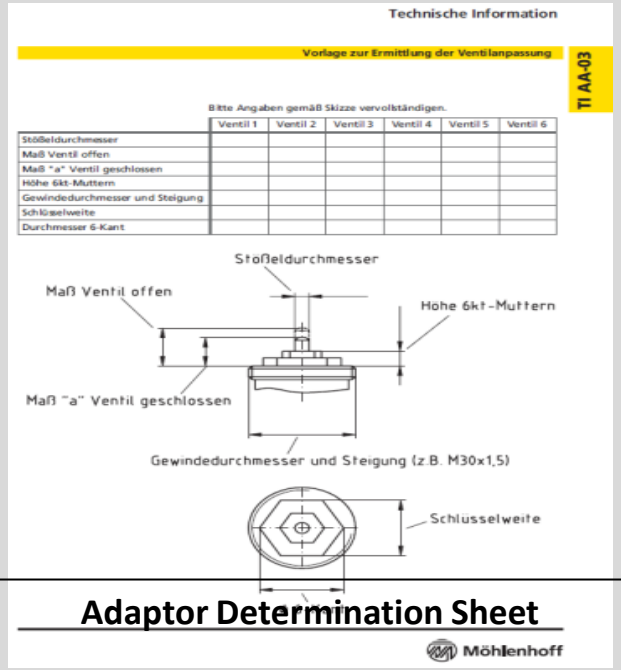
The **VALVE** stroke should not exceed net-stroke of the actuator, otherwise the valve cannot be fully opened.
For bigger valve strokes we have 5mm + 6,5mm actuators (thermal) and 8,5mm motorized actuators.



Valve Adaptor-System – Find the Right Adaption

Our Service and Support department has decades of expertise on common valves in the market. For something unknown we can use some tools.

It´s always the best if our Service and Support department find the right adaption on new, unknown valves/manifolds by **measurements on real samples**.


Technische Information

Vorlage zur Ermittlung der Ventilanpassung

TI AA-03

Bitte Angaben gemäß Skizze vervollständigen.

	Ventil 1	Ventil 2	Ventil 3	Ventil 4	Ventil 5	Ventil 6
Stößeldurchmesser						
Maß Ventil offen						
Maß "a" Ventil geschlossen						
Höhe 6kt-Muttern						
Gewindedurchmesser und Steigung						
Schlüsselweite						
Durchmesser 6-Kant						

Adaptor Determination Sheet

Möhlenhoff

Input list for dimension of unknown valves to forward to Möhlenhoff for determining the right adaptor for the valve / manifold.

Valve-Adaptor-Kit (VA 99)

Set for direct determination of the right adapptor on valves and manifoldes with threads. Comfortable combination of adaptor bases and adaptor pins.