



The smart solution for an efficient drive modernisation



NEW

ALGI Interface-Box

- » intelligent interface between original controller and modernised drive

Plug & Play

- » fast and simple installation

Low Cost VF solution

- » retro-fit with or without original controller
- » the existing mechanical valve block can be modified or replaced

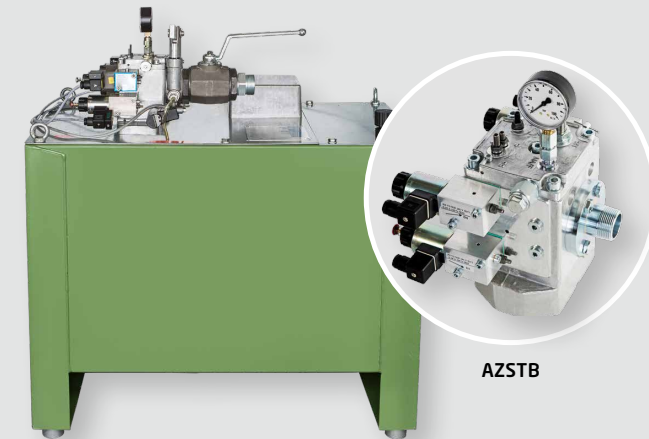
Safety

- » TUV -SUD - ALGI Interface Box Approved Certificate of Conformance

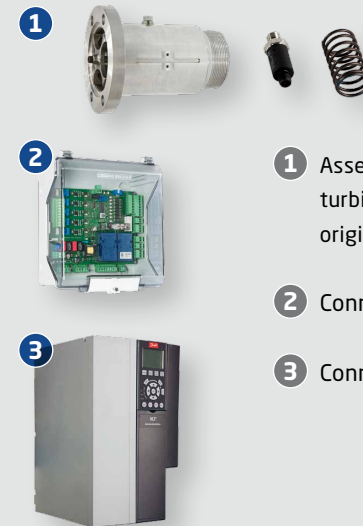


Actual State:

Power unit with mechanical valve block AZSTB



Reconstruction work:

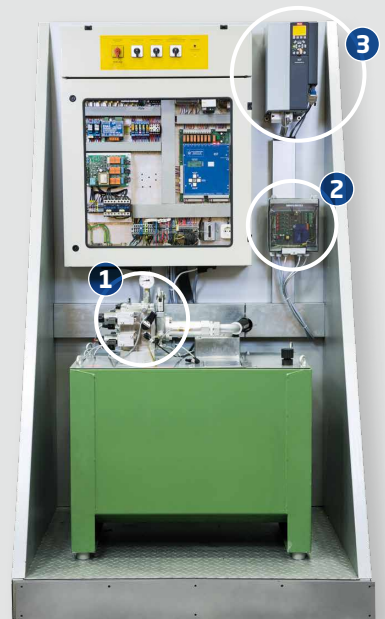


- 1 Assembling of measurement turbine, spring and sensor at original valve block
- 2 Connect ALGI interface box
- 3 Connect inverter

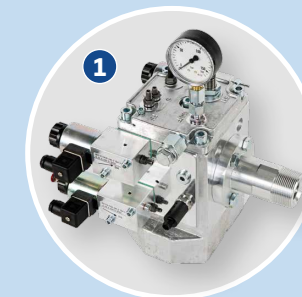
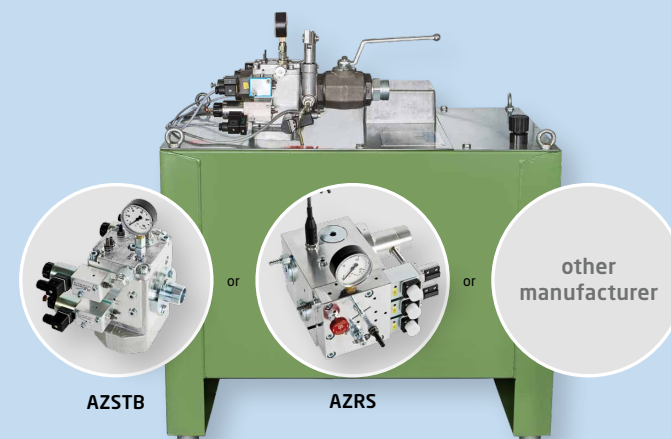


Result:

Power unit with rebuilt mechanical valve AZSTB-FR for VVVF drive in upwards direction



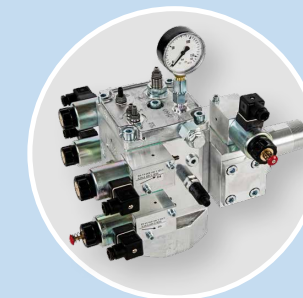
ALGI AZSTB or AZRS or other manufacturers power units with mechanical or electronic regulated valve blocks



- 1 install new ALGI AZSTB- FR VALVE BLOCK
- 2 Connect ALGI interface box
- 3 Connect inverter



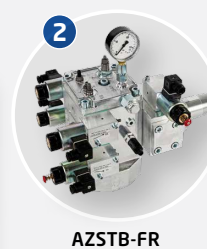
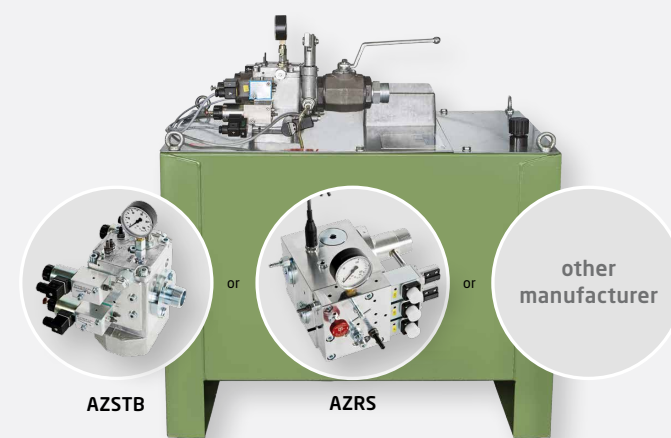
Power unit with a new mechanical valve block AZSTB-FR for VVVF drive in upwards direction



AZSTB-FR
with integrated A3 solution (optional)



ALGI AZSTB or AZRS or other manufacturers power units with mechanical or electronic regulated valve blocks



- 1 new power unit with valve block AZFR or
- 2 new power unit with valve block AZSTB-FR
- 3 Connect ALGI interface box
- 4 Connect inverter



New power unit with valve block AZSTB-FR with VVVF drive in upwards direction or with valve block AZFR with VVVF drive in upwards and downwards direction



Smart and simple modernisation



- » highly efficient drive with reduced energy consumption
- » minimum oil temperature
- » reduced noise level
- » optimised travel comfort
- » reduced nominal current

Option

1+2

ECO SPIN - AZSTB-FR



Reduction
in energy consumption

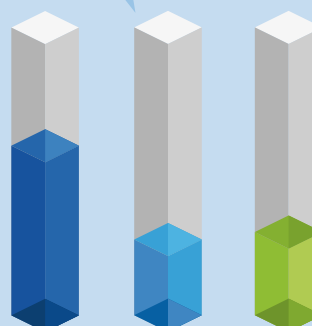
up to
59%

Decrease
in oil temperature

up to
26%

Reduction
of noise level

up to
29%



Option

3

ECO SPIN - AZFR



Reduction
in energy consumption

up to
59%

Decrease
in oil temperature

up to
54%

Reduction
of noise level

up to
36%

