

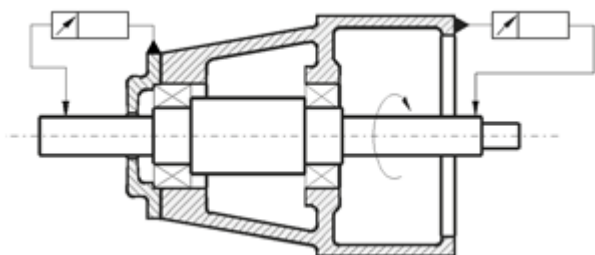
PUMP SHAFT TOLERANCES

Specification and the values shown below are the given permissible tolerances of pump shaft bearing maximum values.

Should these be exceeded, malfunctioning or even destruction of the seal may occur, and in such cases „ANGA” Uszczelnienia Mechaniczne Sp. z o.o. cannot bear responsibility.

RECTILINEARITY

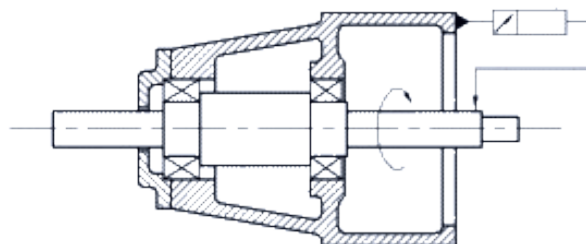
- for $\varnothing \leq 50$ mm : max. 0.05 mm,
- for $\varnothing > 50$ mm : max. 0.08 mm
- for $\varnothing > 100$ mm: max. 0.1 mm.



SHAFT RUN-OUT

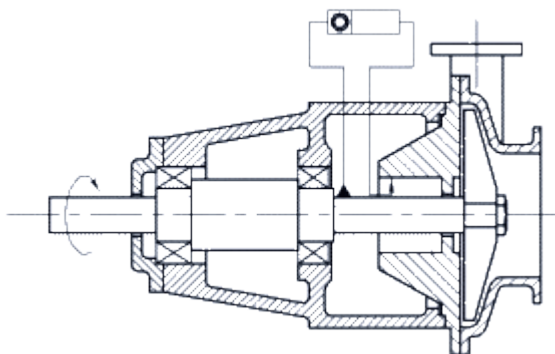
Shaft end bearing run-out under mechanical seal:

- for $\varnothing \leq 50$ mm : max. 0.05 mm,
- for $\varnothing > 50$ mm : max. 0.08 mm.
- for $\varnothing > 100$ mm : max. 0.1 mm.



SHAFT ALIGNMENT

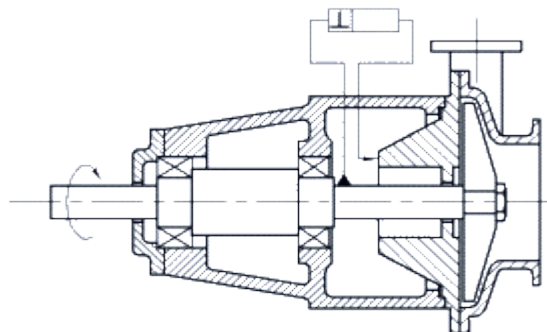
Shaft alignment vs. seal chamber max. 0.15 mm.
In the case of a mechanical seal with a pumping ring max. 0.1 mm.



FACE RUN-OUT

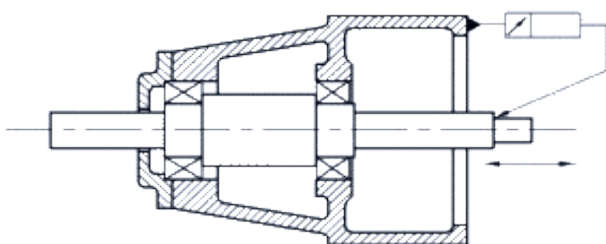
Face run-out vs. shaft axis cannot exceed:

- for $n = 3000$ rpm : max. 0.025 mm,
- for $n = 1500$ rpm : max. 0.08 mm
- for $n = 800$ rpm : max. 0.2 mm.



AXIAL CLEARANCE

Bearing axial clearance max. 0.15 mm.



COUPLING ALIGNMENT

Setting of pump shaft and drive coupling: max. 0.15 mm.

