

Checklist for mounting of spindle bearings



Spindle type and application: _____

Cross-section drawing of spindle
Diagram with dimensional data

00017157

Bearing seat diameter d_1, D_1, d_2, D_2

Spindle $\varnothing$ _____ front d_1 = _____ rear d_2 = _____

Housing $\varnothing$ _____ front D_1 = _____ rear D_2 = _____

Difference in length L between intermediate sleeves

max. _____ actual: _____

Gap S before screw tightening

nominal _____ to _____ actual: _____

Balancing of rotational parts

☐ OK

Spindle bearing front

Part designation: _____

Spindle bearing rear

Part designation: _____

Correct designation

☐ OK ☐ Other: _____

Special notes

Grease quantity per bearing _____ cm^3

☐ OK ☐ Other: _____

Nut tightening torque, three times nominal value initially

_____ Nm ☐ OK, then loosen and tighten to

Nut tightening torque, nominal value permanently

_____ Nm ☐ OK

Grease distribution cycle completed

☐ OK

Continuous running cycle completed, speed

_____ min^{-1} ☐ OK

Equilibrium temperature

_____ $^{\circ}\text{C}$

Room temperature

_____ $^{\circ}\text{C}$

Note

Radial runout R_{max} _____ Actual: _____

Axial runout A_{max} _____ Actual: _____

Machine: _____ Spindle: _____

Location: _____ Date: _____ Fitter: _____

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