



Motor Check List

Type: _____
Serial number: _____
Number of pieces: _____

Company: _____
Contact: _____

- ☐ Sawing ☐ Routing ☐ Boring ☐ Grinding ☐ test stand ☐ belt drive
☐ Different application: _____
☐ Metal (☐ Steel ☐ Aluminum ☐ Cast iron) ☐ Wood ☐ Stone ☐ Glas ☐ Plastics ☐ Styrofoam
☐ Gypsum cardboard ☐ Different material: _____
☐ Dry ☐ Wet ☐ Dust ☐ Request: Sealing air connection ☐ Atex zone 22
☐ Ambient temperature $<5 / >40^{\circ}\text{C}$: _____ $^{\circ}\text{C}$ ☐ Altitude >1000 m: _____m
☐ Shaft horizontal ☐ Shaft vertical up ☐ Shaft vertical down

- ☐ Request: Double bearing

Application with high loads on shaft (Please attach drawing with loads on motor shaft!):

☐ radial: _____ N @ _____ mm from front side of stator ☐ axial: _____ N

Application with big tool (Please attach drawing for specific dimensions!):

$\varnothing$: _____ mm / Length: _____ mm / Weight: _____ kg / Inertia _____ kg m²

Motor according to PERSKE drawing: _____

Dimensions of shaft: ☐ Special (Please attach sketch!)

☐ Cylindrical shaft ($\varnothing$ x Length): $\varnothing$ _____ x _____ mm ☐ With key ☐ Without key

☐ Inside thread (☐ RH ☐ LH) ☐ Outside thread (☐ RH ☐ LH)

☐ Wrench flat ☐ Concentric / axial runout $< 0,02$ mm: _____ mm

☐ Saw flanges ($\varnothing_{\text{outside}}$ Tool: _____ mm / $\varnothing_{\text{max}}$ Flanges: _____ mm)

☐ HSK manual ☐ HSK automatic ☐ Hydro clamping chuck (Tools with shaft $\varnothing$ 25 mm)

☐ Collet ($\varnothing_{\text{max}}$ Shaft of tool: _____ mm) ☐ Shaft for hydraulic tool holder (☐ With spindle lock)

Installation of motor by using: ☐ Foot borings ☐ Flange

Position of terminal box: _____ (Top/ Below/ Right/ Left + Front/ Rear or: axial)

☐ Brake (☐ With separate power supply: _____ V ☐ AC ☐ DC)

Please specify all intended operating points for electrical dimensioning:

OP 1	OP 2	OP 3
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

☐ kW ☐ HP ☐ Nm
rpm
Hz
V

operating mode :
☐ S1 ☐ S6 60%
☐ different : _____
S1 = continuous duty with full load
S6 60% = continuous duty with full load for 60% and no load for 40% of duration of period

☐ Direct hook up ☐ Electronic frequency converter ☐ Rotating frequency converter

Protection of windings: ☐ PTC thermistor ☐ Thermal contacts (Bimetal) ☐ PT100 ☐ KTY

Rule: ☐ Standard (EN 60034-1 / VDE 0530-1) ☐ Nema ☐ CSA

Notes:
