HKS

APPLICATION QUESTIONNAIRE

Company

Address

Telephone   Fax   E-Mail

Project   Person responsible

Description of application

Requirement/number of pieces	Requirement per year/potential
Preferred delivery date	

Mass moment of inertia [kgm²]	Alignment errors possible ☐ Yes ☐ No
Max. axial load [N]	External bearings? ☐ Yes ☐ No
Max. radial load [N]	
Bending moment [Nm]	

Required torque [Nm]	Holding torque [Nm]
Leverage length [mm]	Mass [Kg]
Angle of rotation [°]	Rotation speed [°/sec]
Max. mechanical backlash [°]	Positioning accuracy [°]
Cycle frequency [rotations/time]	Life expectancy ☐ Years
End stop ☐ external ☐ internal (actuator)	☐ Loading changes
Mounting position ☐ horizontal ☐ vertical	

	Min	Max	Normal
Working pressure [bar]			
Flow rate [ltr/Min]			
Hydraulic fluid	Petroleum-based	Synthetic	Others
Temperature of the hydraulic fluid [°C]	Min	Max	
Ambient temperature [°C]	Min	Max	

Options

☐ Load-holding valve   ☐ End position cushioning   ☐ Angular adjustment   ☐ Camshaft

☐ Position request   Type [inductive, rotary encoder, etc.]

Torque transmission via

☐ Pivot shaft   ☐ Hollow shaft   ☐ Spline shaft   ☐ Flange   ☐ Others

Spec. requirements for weight/dimensions
(Please include sketch or drawing)

Rotary-lift combinations

Minimum lifting force [N]	Minimum pulling force [N]
Max. radial load on piston rod [N]	Max. stroke [mm]
Lifting/Stroke speed [mm/sec]	Max. Lift/Stroke working pressure [bar]

Place, Date   Signature