



MLFB-Ordering data : 2KJ3511-7AA08-0AT1-Z
D14+G20+G34+G53+K07+L02+L75+W11+W22+Y00
{Y00:*ANL@4*|*AND@2000*}

Client order no. :
Order no. :
Offer no. :
Remarks :
Item no. :
Consignment no. :
Project :

For selected output shaft a calculation of the bearing life and the allowable radial load is required!

Gearbox	
Type designation	SIMOGEAR KA109-K8-(808)
Gearbox	Bevel gearbox KA109
Mounting type gearbox	Foot-mounted design
Output shaft	H70 mm (Hollow shaft)
Mounting position	(D14) M4 output side A
Transmission ratio	59.17 (7,396 / 125)
Nominal torque	2,900.00 Nm
Output speed	33.801 rpm
Output torque	1,130.14 Nm
Service factor	2.57
Gear oil	(K07) Synthetic oil CLP PG VG220
Oil charge	10.5 l
Specification	CE (Europe / other countries)
Environment temperature	-15 ... +40 °C
Weight without oil	99.0 kg
Housing material first gearbox	Cast iron

Gearbox options	
Hollow shaft cover	Sealing cap
Output shaft bearing	(G20) Radial reinforced bearing
Output shaft sealing	Standard sealing
Gearbox breather	Pressure breather valve
Oil level control	(G34) Oil sight glass
Oil drain	(G53) Oil drain plug magnetic

Adapter	
Adapter	K8 Coupling adapter for 1PH8 servo motors
Hole circle	165 mm
Centering	130 mm
Motor shaft	32 x 80 mm
Input speed (Info)	2000 rpm
Input power (Info)	kW
Input torque	19.1 Nm
Max. perm. input torque for continuous duty T1perm	47.0 Nm
Max. perm. input torque for short-time duty	117.5 Nm
Max. perm. input speed	4,500.0 rpm

Adapter options	

General options	
Surface treatments	Painted
Coating	(L02) Coating for normal environmental stress C1
RAL Color	(L75) 7016 anthracite gray
Coating on flange	-
Packing	Standard packing
Enclosed documentation	(W22) 1 set operating instructions ENGLISH per geared motor
Additional documentation (E-Mail)	(W11) Works test certificate 3.1 gearbox

Further information	
General product information	SIMOGEAR
Configurator	2KJ.....
<u>Operating instructions</u>	
Gearbox	BA 2030
Adapter	BA 2039
Catalog	MD 50.11 Gearboxes with adapter
<u>Compatible motors</u>	
Designation	MLFB-Ordering data
1PH808	1PH808x-xxxxx-0xxx