



19.42

MLFB-Ordering data : 2KJ3105-2FA04-0AL1-Z
D01+K06+L02+L50+Y00
{Y00:*ANL@3*|*AND@1500*}

Client order no. :

Order no. :

Offer no. :

Remarks :

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

Item no. :

Consignment no. :

Project :

Gearbox	
Type designation	SIMOGEAR Z59-K4-(100)
Gearbox	Helical gearbox Z59
Mounting type gearbox	Foot-mounted design
Output shaft	V30 x 60 mm (Solid shaft with feather key)
Mounting position	(D01) M1
Transmission ratio	15.27 (611 / 40)
Nominal torque	450.00 Nm
Output speed	98.232 rpm
Output torque	291.66 Nm
Service factor	1.54
Gear oil	(K06) Mineral oil CLP VG220
Oil charge	0.7 l
Specification	CE (Europe / other countries)
Environment temperature	-15 ... +40 °C
Weight without oil	30.9 kg
Housing material first gearbox	Cast iron

Gearbox options	
Output shaft bearing	Standard bearing
Output shaft sealing	Standard sealing
Gearbox breather	Pressure breather valve
Oil level control	Oil level screw
Oil drain	Oil drain plug

Adapter	
Adapter	K4 Short adapter for IEC motors
Hole circle	215 mm
Centering	180 mm
Motor shaft	28 x 60 mm
Input speed (Info)	1500 rpm
Input power (Info)	kW
Input torque	19.1 Nm
Max. perm. input torque for continuous duty T1perm	45.0 Nm
Max. perm. input torque for short-time duty	112.5 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	(L50) 5015 sky blue
Coating on flange	-
Packing	Standard packing

Further information	
General product information	SIMOGEAR
Configurator	2KJ.....
Operating instructions	
Gearbox	BA 2030
Adapter	BA 2039
Catalog	MD 50.11 Gearboxes with adapter