



19.42

MLFB-Ordering data : **2KJ3513-3KA04-0HS1-Z**
D25+G47+K06+L02+L75+Y00
{Y00:*ANL@18.5*|*AND@1500*}

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

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

Gearbox

Type designation	SIMOGEAR KZ149-K4-(180)
Gearbox	Bevel gearbox KZ149
Mounting type gearbox	Housing flange
Output shaft	V100 x 210 mm (Solid shaft with feather key)
Mounting position	(D25) M5 output side B
Transmission ratio	49.60 (8,729 / 176)
Nominal torque	8,000.00 Nm
Output speed	30.242 rpm
Output torque	5,842.04 Nm
Service factor	1.37
Gear oil	(K06) Mineral oil CLP VG220
Oil charge	23.5 l
Specification	CE (Europe / other countries)
Environment temperature	-15 ... +40 °C
Weight without oil	280.0 kg
Housing material first gearbox	Cast iron

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

Further information

General product information	SIMOGEAR
Configurator	2KJ....
Operating instructions	
Gearbox	BA 2030
Adapter	BA 2039
Installation instructions	
(G47) Oil expansion unit	KA 2530-1
Catalog	MD 50.11 Gearboxes with adapter

Gearbox options

Hollow shaft cover	Sealing cap
Output shaft bearing	Standard bearing
Output shaft sealing	Standard sealing
Gearbox breather	(G47) Oil expansion unit
Oil level control	Oil level screw
Oil drain	Oil drain plug

Adapter

Adapter	K4 Short adapter for IEC motors
Hole circle	300 mm
Centering	250 mm
Motor shaft	48 x 110 mm
Input speed (Info)	1500 rpm
Input power (Info)	kW
Input torque	117.8 Nm
Max. perm. input torque for continuous duty T1perm	330.0 Nm
Max. perm. input torque for short-time duty	825.0 Nm
Max. perm. input speed	4,500.0 rpm

Adapter options