



18.8

MLFB-Ordering data : 2KJ3105-1BA05-0AX1-Z
D05+K06+L02+L75+Y00
{Y00:*ANL@1.5*|*AND@1800*}

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Gearbox

Type designation	SIMOGEAR Z59-K5-(140)
Gearbox	Helical gearbox Z59
Mounting type gearbox	Foot-mounted design
Output shaft	V35 x 70 mm (Solid shaft with feather key)
Mounting position	(D05) M5
Transmission ratio	51.81 (4,559 / 88)
Nominal torque	450.00 Nm
Output speed	34.742 rpm
Output torque	412.33 Nm
Service factor	1.09
Gear oil	(K06) Mineral oil CLP VG220
Oil charge	1.8 l
Specification	CE (Europe / other countries)
Environment temperature	-15 ... +40 °C
Weight without oil	23.9 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	K5 Short adapter for NEMA motors
Hole circle	5.87"
Centering	4.5"
Motor shaft	0.875" x 2.12"
Input speed (Info)	1800 rpm
Input power (Info)	1.50 kW
Input torque	8.0 Nm
Max. perm. input torque for continuous duty T1perm	13.0 Nm
Max. perm. input torque for short-time duty	32.5 Nm
Max. perm. input speed	4,500.0 rpm

Adapter options

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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
Catalog	MD 50.11 Gearboxes with adapter