



2.2

MLFB-Ordering data : 2KJ3105-2BA05-0AW1-Z
 D05+K06+L02+L75+Y00
 {Y00:*ANL@1.5*|*AND@1800*}

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 Z59-K5-(140) |
| Gearbox | Helical gearbox Z59 |
| Mounting type gearbox | Foot-mounted design |
| Output shaft | V30 x 60 mm (Solid shaft with feather key) |
| Mounting position | (D05) M5 |
| Transmission ratio | 44.06 (705 / 16) |
| Nominal torque | 450.00 Nm |
| Output speed | 40.853 rpm |
| Output torque | 350.65 Nm |
| Service factor | 1.28 |
| 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 |

Further information

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

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

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|---|----------------------------------|
| 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

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|------------------------------|--|
| Surface treatments | Painted |
| Coating | (L02) Coating for normal environmental stress C1 |
| RAL Color | (L75) 7016 anthracite gray |
| Coating on flange | - |
| Packing | Standard packing |
| Liability for defects | 12 months from date of delivery (standard) |