



18.8

**MLFB-Ordering data :**                   **2KJ3107-1CA05-0AW1-Z**  
**D05+K06+L02+L75+Y00**  
**{Y00:\*ANL@3\*|\*AND@1800\*}**

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

### Gearbox

<b>Type designation</b>	SIMOGEAR Z79-K5-(180)
<b>Gearbox</b>	Helical gearbox Z79
<b>Mounting type gearbox</b>	Foot-mounted design
<b>Output shaft</b>	V40 x 80 mm (Solid shaft with feather key)
<b>Mounting position</b>	(D05) M5
<b>Transmission ratio</b>	44.42 (533 / 12)
<b>Nominal torque</b>	840.00 Nm
<b>Output speed</b>	40.522 rpm
<b>Output torque</b>	707.02 Nm
<b>Service factor</b>	1.19
<b>Gear oil</b>	(K06) Mineral oil CLP VG220
<b>Oil charge</b>	3.6 l
<b>Specification</b>	CE (Europe / other countries)
<b>Environment temperature</b>	-15 ... +40 °C
<b>Weight without oil</b>	47.6 kg
<b>Housing material first gearbox</b>	Cast iron

### Gearbox options

<b>Output shaft bearing</b>	Standard bearing
<b>Output shaft sealing</b>	Standard sealing
<b>Gearbox breather</b>	Pressure breather valve
<b>Oil level control</b>	Oil level screw
<b>Oil drain</b>	Oil drain plug

### Adapter

<b>Adapter</b>	K5 Short adapter for NEMA motors
<b>Hole circle</b>	7.25"
<b>Centering</b>	8.5"
<b>Motor shaft</b>	1.126" x 2.75"
<b>Input speed (Info)</b>	1800 rpm
<b>Input power (Info)</b>	3.00 kW
<b>Input torque</b>	15.9 Nm
<b>Max. perm. input torque for continuous duty T1perm</b>	47.0 Nm
<b>Max. perm. input torque for short-time duty</b>	117.5 Nm
<b>Max. perm. input speed</b>	4,500.0 rpm

### Adapter options

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### General options

<b>Surface treatments</b>	Painted
<b>Coating</b>	(L02) Coating for normal environmental stress C1
<b>RAL Color</b>	(L75) 7016 anthracite gray
<b>Coating on flange</b>	-
<b>Packing</b>	Standard packing

### Further information

<b>General product information</b>	<a href="#">SIMOGEAR</a>
<b>Configurator</b>	<a href="#">2KJ.....</a>
<b>Operating instructions</b>	
<b>Gearbox</b>	<a href="#">BA 2030</a>
<b>Adapter</b>	<a href="#">BA 2039</a>
<b>Catalog</b>	<a href="#">MD 50.11</a> Gearboxes with adapter