

## Detailed product description



33.042

Type designation: CAD69-LE80MH4P

|                  |          |           |
|------------------|----------|-----------|
| Client order no. | Item-No. | Offer no. |
|------------------|----------|-----------|

|           |                 |         |
|-----------|-----------------|---------|
| Order no. | Consignment no. | Project |
|-----------|-----------------|---------|

Remarks

Displayed product type: Helical worm geared motor

Type designation: CAD69-LE80MH4P

Motor type: LE80MH4P

Oil volume: 3.00

Weight without oil [kg]: 38.3

Operable temperature range: (K95) -20 ... +40 °C

Nominal output torque [Nm]: 535.0

Output torque 50 Hz [Nm]: 308.8

Output torque 60 Hz [Nm]: 253.7

Service factor 50 Hz: 1.73

Service factor 60 Hz: 2.11

Transmission ratio: 114.21

Output speed 50 Hz [rpm]: 12.61

Output speed 60 Hz [rpm]: 15.32

Specifications: CE; UKCA

1st Voltage 50 Hz [V]: 230 D

2nd Voltage 50 Hz [V]: 400 Y

1st Voltage 60 Hz [V]: 460 Y

2nd Voltage 60 Hz [V]: -

Rated power 50 Hz [kW]: 0.55

Rated power 60 Hz [kW]: 0.55

Operating mode: S1

Data part 1 on rating plate: S1 IE3 50 Hz I S1 IE3 60 Hz

Data part 2 on rating plate: 230 VD / 400 VY 50 Hz 0.55 kW I 460 VY 60 Hz 0.55 kW

Rated speed 50 Hz [rpm]: 1,440

Rated speed 60 Hz [rpm]: 1,750

Rated motor torque 50 Hz [Nm]: 3.65

Rated motor torque 60 Hz [Nm]: 3.00

1st Rated current 50 Hz [A]: 2.20

2nd Rated current 50 Hz [A]: 1.26

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| <b>INNOMOTICS</b>                   | Document type<br>Technical Specification                                 | Document status<br>Released          |                                      |                                |                                |
|                                     | Document title<br><b>2KJ3604-6DC23-4DB2-Z</b><br>D24+K01+K07+L04+L50+M58 | Document number<br>TSS-220824-080915 |                                      |   |                                |
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Type designation: CAD69-LE80MH4P

1st Rated current 60 Hz [A]: 1.15  
Rel. lock.-rot. current 50 Hz: 5.90  
Rel. lock.-rot. current 60 Hz: 6.90  
Number of poles: 4-pole  
Efficiency Class 50 Hz: IE3  
Efficiency Class 60 Hz: IE3  
Mounting position: (D24) M4 output side B  
Mounting type gearbox: Shaft-mounted design (torque arm)  
Position of torque arm: Enclosed separately  
Output shaft dimensions [mm]: H45  
Output shaft type: Hollow shaft  
Hollow shaft cover: Sealing cap  
Output shaft sealing: Standard sealing  
Output shaft bearing: Standard bearing  
Gearbox oil: (K07) Synthetic oil CLP PG VG220  
Gearbox venting: Pressure breather valve  
Oil level control: Oil level screw  
Oil drain: Oil drain plug  
Housing material first gearbox: Cast iron  
Temperature class: Temperature class 155 (F)  
Degree of protection: (K01) IP55  
Ventilation: Standard fan  
Terminal box position: (M58) 1D  
Electrical connection: Terminal box Cable gland metric  
Surface treatment: Painted  
Coating: (L04) Coating for medium environmental stress C3  
RAL color: (L50) 5015 sky blue

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