

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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Responsible department IN LVM GM	Technical reference	Created by SPC	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents 	
	Document type Technical Specification			Document status Released			
	Document title 2KJ3604-6DC23-4DB2-Z D24+K01+K07+L04+L50+M58			Document number TSS-220824-080915			
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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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