



0.19.40

Client order no.:
Order no.:
Offer no.:

Item no.:
Consignment no.:
Project:

Geared motor basic data	
Type designation:	SIMOGEARCAZ69-LE71MG4
Gearbox type:	Helical worm gearbox
Installation size(s):	69
Application:	Standard
Light-duty sector acc. VDI 3643:	-
Transmission ratio:	102.50
Number of teeth:	205 // 2
Service factor:	2.99 // 3.07
Nominal torque:	675.0 Nm
Output torque:	226.01 Nm // 219.68 Nm
Output speed:	13.5 rpm // 16.1 rpm
Environment temperature:	-20 ... +40°C
Specification:	CE (Europe / other countries)
Additional specifications:	-
Weight without oil:	31.0 kg
Oil quantity:	0.80 l

Motor options	
Thermal class:	Temperature class 155 (F)
Motor protection:	-
Motor plug:	-
Ventilation:	Standard fan
Degree of protection:	[K01] IP55
Terminal box position:	[M55] 1A
Increased air humidity/temperature:	-
Counter Plug:	-
Cable gland:	metric
External ground screw:	-
Motor connection:	Standard
Terminal box potted:	-
Term. Box neutr.:	-
Backstop Motor:	-
Rot. dir. outputshaft	-
Second shaft end:	-
Canopy:	-
Internal corrosion protection:	-
Corrosion protect. for motor fittings:	-
Anti-condens. heating:	-

General options	
Surface treatments:	painted
Coating:	[L02] Coating for normal environmental stress C1
RAL Color:	[L75] 7016 anthracite gray
Pretreatment:	-
Coating on Flange:	-
Conservation:	-
Rating Plate stainless steel:	-
Second rating plate:	-
Packaging:	Standard packing
Fast lane:	-
Enclosed documentation:	-
Additional documentation (E-Mail):	-

Gearbox options	
Mounting position:	[D11] M1 output side A
Special installation (Angle):	-
Permissible mount. position deviation:	-
Mount. pos. deviation (Angle):	-
Mounting type:	Housing flange
Position of torque arm:	-
Flange diameter:	-
Output flange tightened:	-
Output shaft:	H40
Output shaft bearing:	Standard bearing
Hollow shaft cover:	Sealing cap
Gear oil:	[K07] Synthetic oil CLP PG VG220
Output shaft sealing:	Standard sealing
Gearbox breather:	Pressure breather valve
Oil level control:	Oil level screw
Electr. oil temperature monitoring:	-
Disconnecter unit, 24 V param.:	-
Adapter cable USB/jacks:	-
Oil level gauge:	-
Separation switch gear:	-

Performance data motor	
Rated power PN:	0.37 // 0.43 kW / 0.50 // 0.58 hp
Efficiency class:	- // -
Operating mode:	S1
Frequency, Voltage Power:	50//60Hz 230VD/400VY // 460VY 50 // 60
Circuit (start):	D/Y (Y-D/Y) // Y (Y)
Rated speed nN:	1380 rpm // 1650 rpm
Number of poles:	4-pole
Rated current IN:	1.77 / 1.02 // 1.03 A
Rel. starting current IA / IN:	3.80 // 3.60
Power factor cos φ:	0.72 // 0.75
Load efficiency 4/4-Load η:	72.70 % // 7- %
Load efficiency 3/4-Load η:	73.20 % // 71.30 %
Rated motor torque:	2.56 Nm
Rel. starting torque TA / TN:	2.30 // 2.10
Average acceleration torque TH / TN:	2.50 // 2.30
Brakedown torque TK / TN:	2.30 // 2.10
Moment of inertia Jmot:	0.00077 kgm²
Original-MLFB:	-

Oil drain:	Oil drain plug
Housing material:	Cast iron
Backlash Design:	-
Relubrication:	-
Drywell:	-
24 V Drywell switch disconnecter:	-
Flange-Figure:	-